MAMARONECK SELF-STORAGE BUILDING ADDITON

Final Environmental Impact Statement

APPENDIX

Lead Agency:

Village of Mamaroneck – Zoning Board of Appeals

January 2023

Mamaroneck Self-Storage Building Addition
Waverly Avenue/Fenimore Road
Village of Mamaroneck
Westchester County, New York
(Tax Map #8-111-29-42)

FINAL ENVIRONMENTAL IMPACT STATEMENT

SEQRA Classification:
Unlisted Action

Lead Agency:
Village of Mamaroneck
Zoning Board of Appeals
Attn: Robin Kramer
169 Mt. Pleasant Avenue
Mamaroneck, New York 10543
(914) 825-8758

Project Sponsor:
East Coast North Properties, LLC
416 Waverly Avenue
Mamaroneck, New York 10543
(914) 777-5777

January 2023

Date of Acceptance: January 5, 2023
Available at: https://www.village.mamaroneck.ny.us

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Chapter IV.

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Appendix A

Comment Letters

Environmental, Planning, and Engineering Consultants
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Memorandum

To:	Village of Mamaroneck Zoning Board of Appeals
From:	Ashley Ley, AICP
Date:	April 30, 2021
Re:	416 Waverly Avenue DEIS – Substantive Review
CC:	Amber Nowak and Charles Gottlieb

AKRF, Inc. has review the March 2021 Draft Environmental Impact Statement (DEIS) prepared for the Mamaroneck Self-Storage Building Addition project. This document had previously been reviewed by AKRF for completeness. On February 4, 2021, the Village of Mamaroneck Zoning Board of Appeals accepted the document as complete. The following comments comprise AKRF's substantive review of the DEIS.

CHAPTER I EXECUTIVE SUMMARY

1. We have reviewed this material and have no substantive comments on this chapter.

CHAPTER II DESCRIPTION OF THE PROPOSED ACTION

2. Figure II-8 is the "Traffic Management Plan" for the proposed facility and Figure II-10 is the "First Floor Plan". There are four loading spaces shown on the plan, but only three of the loading spaces have direct access to a door. It is unclear how the fourth loading space would access the loading area.
3. The size of the loading spaces and clarification on the maximum sized truck should be provided.

CHAPTER III REQUIRED PERMITS & APPROVALS, INVOLVED & INTERESTED AGENCIES

4. We have reviewed this material and have no substantive comments on this chapter.

CHAPTER IV.A LAND USE, ZONING & COMMUNITY PLANS

5. The DEIS states that the proposed project is seeking the following area variances:
    a. Building Coverage: 25,834 square feet is proposed where a maximum of 22,078 is permitted (3,756 SF variance)
    b. FAR: 2.43 is proposed where a maximum of 1 is permitted (1.43 FAR variance)
    c. Gross floor area: 107,087 square feet is proposed where a maximum of 44,146 square feet is permitted (62,932 square foot variance)

d. Building height: 4 stories is proposed where a maximum of 3 stories is permitted (1 story variance)

e. Front yard (Fenimore): 30 inches are provided where 10 feet is required (7-foot 8-inch variance)

f. Off-street parking: 25 spaces are provided where 137 spaces are required (112 space variance)

g. Off-street loading: 4 spaces provided where 8 spaces are required (4 space variance).

6. The ZBA is considering the site as a whole, and it is not clear from the chapter what aspects of the proposed variances are associated with the existing self-storage facility, existing buildings on the corner, and the proposed self-storage facility. A zoning analysis that breaks-out each of the three parts as well as the whole should be provided in the FEIS.

7. It is unclear from the DEIS whether the requested front yard variance is for the existing building at the corner of the proposed self-storage facility. The proposed self-storage facility is shown as being 7 feet 8 inches from the lot line, but this is the variance requested in the Tables II-1 and IV.A-4 . However, if 7-feet 8-inches is proposed, and 10 feet is required, then the requested variance should be for 2-feet 4-inches.

8. The FEIS should go into more detail on the break-down of the proposed number of parking spaces and the use of the parking spaces. It should also refer to the shared parking regulations in the Village of Mamaroneck zoning code.

CHAPTER IV.B NATURAL RESOURCES

9. The DEIS refers to NYSDEC General Permit GP-0-15-002. However, this general permit has expired and the FEIS should cite the current version, GP-0-20-001.

CHAPTER IV.C HAZARDOUS MATERIALS & PUBLIC HEALTH

10. The laboratory results for chlorinated VOCs in groundwater indicated that 1,1,2-trichloroethane (TCA) and 1,2-dichloroethane (DCA) were present in groundwater at concentrations that exceeded the NYSDEC Ambient Water Quality Standards. The DEIS states "in professional judgement of Hydro Environmental Solutions, Inc., the levels are far below any threshold value that would represent a threat to the public health, or trigger further environmental investigation related to chlorinated VOCs at the site." Although the levels are low, they are above NYSDEC standards, and soil vapor sampling and/or vapor mitigation as part of the building design (i.e. vapor barrier and/or SSDS) should be further investigated in the FEIS.

CHAPTER IV.D FLOODING & FLOOD ZONE IMPACTS

11. The FEIS should clarify the amount of flood volume storage. On page IV.D-3 under Section IV.D.3, there is a typo in the discussion of the increase in flood volume storage. The text states "56,6549" but should be updated to "54,649" as provided in Table IV.D-1. In addition, page IV.D-2 under Section IV.D.1.b, refers to the flood volume storage analysis by Hudson Engineering & Consulting as Appendix C; however, this is actually Appendix D. In addition, the letter report included as Appendix D references an "attached volumetric analysis (Sheet C-5)" which is not included in Appendix D. This document should be included in full in the FEIS.

CHAPTER IV.E HISTORIC RESOURCES

12. We have reviewed this material and have no substantive comments on this chapter.

CHAPTER IV.F VISUAL RESOURCES

13. The FEIS should address the proposed setbacks from Fenimore Road in relation to the requested area variance. As noted above, clarity on the extent of the variance sought should be provided.

CHAPTER IV.G UTILITIES

14. The existing conditions sanitary sewage section (Section IV.G.1.b) cites NYSDEC's "Design Standards for Wastewater Treatment Works (1988)" for calculating the total daily hydraulic loading. However, the anticipated impacts sanitary sewage section (Section IV.G.3.b) cites NYSDEC's "Design Standards for Intermediate Sized Wastewater Treatment Systems (March 5, 2014)." Appendix N (Hudson Engineering Water & Sewer Load Calculations) only cites the 1988 document for both. Both the existing and proposed calculations use the same 15 gallons per person per day per shift), but the references and assumptions should be clarified in the FEIS.

CHAPTER IV.H TRAFFIC & TRANSPORTATION

15. A truck turning path movement (AutoTurn) analysis should be provided for the largest anticipated size truck for movements to and from the loading bays.

CHAPTER IV.I ECONOMIC & FISCAL ANALYSIS

16. We have reviewed this material and have no substantive comments on this chapter.

CHAPTER IV.J BUILDING DEMOLITION & CONSTRUCTION

17. We have reviewed this material and have no substantive comments on this chapter.

CHAPTER V ALTERNATIVES

18. We have reviewed this material and have no substantive comments on this chapter.

CHAPTER VI SIGNIFICANT ADVERSE IMPACTS THAT CANNOT BE AVOIDED

19. We have reviewed this material and have no substantive comments on this chapter.

CHAPTER VII IRREVERSIBLE & IRRETRIEVABLE COMMITMENT OF RESOURCES

20. We have reviewed this material and have no substantive comments on this chapter.

CHAPTER VIII GROWTH INDUCING ASPECTS OF THE PROPOSED ACTION

21. We have reviewed this material and have no substantive comments on this chapter.

Village of Mamaroneck, NY

Item Title: 946 East Boston Post Road

Item Summary: **Case #1I 2021 - 946 East Boston Post Road (Section 4, Block 63, Lot 1) Located in the C-1 Zoning District, SEQRA Classification: Type II Action per 617.5(c)(37)**

***

The applicant, Dorac Petroleum Corp, seeks an interpretation of § 342-30.A.(1)(h). The applicant proposes to operate an on-line pre-owned car sales business and to store pre-owned cars on the subject property.

Fiscal Impact:

ATTACHMENTS:

Description	Upload Date	Type
2021_02_18_946 East Boston Post Road_Site plan	3/17/2021	Backup Material
2021_02_12_946 East Boston Post Road_Application	3/17/2021	Backup Material
2021_02_03_946 East Boston Post Road_Building Permit Application	3/17/2021	Backup Material
Letter to ZBA seeking interpretation-946 E Boston Post Rd	3/18/2021	Backup Material
2021_04_01_946 East Boston Post Road_Building Determination	4/1/2021	Backup Material

KELLARD SESSIONS

John Kellard, P.E.
David Sessions, RLA, AICP
Joseph M. Cermele, P.E., CFM
Jan K. Johannessen, AICP

MEMORANDUM

TO: Robin Kramer, Chairperson

CC: Village of Mamaroneck Zoning Board of Appeals
Betty-Ann Sherer, Village of Mamaroneck Land-Use Coordinator
Amber Nowak, Village Planner
Ashley Ley, Village

FROM: Esteban Garcia, P.E.
Village Engineering Consultant

DATE: February 4, 2021

RE: Mamaroneck Self-Storage Facility Expansion
416 Waverly Avenue
Section 8, Block 25, Lot 70

PROJECT DESCRIPTION

At the request of the Village of Mamaroneck Engineering Department, Kellard Sessions Consulting has reviewed the Draft Environmental Impact Statement (DEIS) and supporting documents submitted in conjunction with the above-reference application. The property is currently used as a self-storage facility and small industrial uses. The proposal is to demolish the industrial buildings, expand the self-storage facility and include a small retail area. The project also includes parking lot, drainage and landscaping improvements. The property is located in the M-1 Manufacturing Zoning District.

Our review was focused on the general completeness of the Stormwater and Floodplain impacts included in the DEIS.

1. Based on the submitted Stormwater Pollution Prevention Plan (SWPPP), the Applicant has addressed the items in the Scoping Document (D-3f).

   Addressed.

D-11

2. The definition of the 500-year floodplain on Page I.-11 should be changed to "0.2% chance of flooding".

   Not Addressed.

D-12

3. The Flood Storage Volumetric Analysis Figures (Chapter IV.D) for both the existing and proposed conditions shall be revised to remove the buildings from the provided storage volume. If the existing and proposed buildings provide some sort of flood storage, this should be clarified. The volumetric analysis calculations should be revised accordingly.

Not Addressed.

A-29

4. The DEIS states the building will be a "net-zero" building in order to address Section D-3g of the Scoping Document. Supporting information should be provided to demonstrate what the Net-Zero building will include, and how these features will avoid or reduce the impacts of climate change and rising sea levels.

Not Addressed.

In order to expedite the review of subsequent submissions, the applicant should provide annotated responses to each of the comments outlined herein.

REPORT REVIEWED, PREPARED BY CLEARY CONSULTING, DATED JANUARY, 2021:

- *Draft Environmental Impact Statement* Report *& Appendix* Report

EG/dc

AKRF

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Memorandum

To:	Village of Mamaroneck ZBA
From:	AKRF, Inc.
Date:	June 9, 2022
Re:	416 Waverly Avenue Revised FEIS – AKRF Completeness Comments
cc:	Charles Gottlieb

AKRF, Inc. has initiated its review of the revised Final Environmental Impact Statement (FEIS), received March 11, 2022 and on March 22, 2022, for the Mamaroneck Self-Storage Building Addition located at 416 Waverly Avenue in the Village of Mamaroneck, NY (Tax Map #8-111-29-42).

It is important to note that the FEIS is the Lead Agency's document, which in this case is the Village of Mamaroneck Zoning Board of Appeals (ZBA). As such, the document should be written in the voice of the ZBA and should reflect the majority's opinion.

It is standard practice for the preliminary draft of an FEIS to be prepared by the Applicant, and then reviewed by the Lead Agency and its consultants. The purpose of this review is to determine whether the FEIS provides substantial responses to the public's comments, and whether all relevant information is presented and analyzed in a complete and understandable format. The comments that the Lead Agency concurs with should be integrated into the FEIS. Where issues have been left out or have not been addressed thoroughly, in the opinion of the ZBA, the Applicant should be requested to revise the FEIS and resubmit the document to the ZBA for further review.

AKRF's October 6, 2021 comments are recited below in *italics*. New and follow up comments are in **bold**.

COVER SHEET AND GENERAL INFORMATION

No comments on this section.

CHAPTER I INTRODUCTION & DESCRIPTION OF THE PROPOSED ACTION

1. *Page I-3 states the Floor Area Ratio (FAR) will be reduced from 2.43 to 2.11. However, Table I-3 states the proposed FEIS FAR is 1.91 and that a variance of 0.91 would be required. Table I-4 also states the proposed FEIS FAR is 1.91. Page I-9 states the FAR would be reduced from 2.43 to 2.11. The proposed FEIS FAR needs to be clarified and corrected where necessary.*

   Comment addressed.

2. *On Page I-3 in the second paragraph, the first line should be revised to clarify that the height of portions of the building addition have been reduced.*

   Comment addressed.

3. *Table I-2 lists the gross floor area of the FEIS plan as 84,812 square feet. This number is incorrect and should be corrected to state 84,432 square feet, as is correctly noted in Table I-3.*

   Comment addressed.

4. *Table I-2 lists the DEIS Plan impervious area as 40,675 square feet and the FEIS Plan impervious area as 39,235 square feet. Table I-3 lists the FEIS Plan impervious area as 40,383 square feet, which is the impervious area listed in Tables I-2, I-3, and II-1 of the DEIS. Page I-7 of the FEIS states "The overall amount of impervious area will actually be slightly decreased from 40,675 square feet under the DEIS Plan, to 40,383 square feet under the FEIS Plan." The DEIS and FEIS impervious areas should be corrected as necessary in FEIS Tables I-2 and I-3 and on FEIS page I-7.*

   Comment not addressed. Table I-2 still lists the FEIS Plan impervious area as 39,235 square feet, which is inconsistent with the other mentions of FEIS Plan impervious area.

5. *Table I-2 indicates that there would be no change in water usage or wastewater generation between the DEIS and FEIS. The backup calculations should be provided.*

   Comment not addressed.

6. *The peak hour traffic row in Table 1-2 should be revised to read "8 AM trips," "10 PM trips," etc. for clarity.*

   Comment addressed.

7. *The Project Description should include a figure that shows the DEIS layout versus the FEIS layout.*

   Comment addressed.

8. *The Project Description on page I-4 should state the number of office spaces to be provided within the 2,008-square foot incubator office space.*

   Comment addressed.

9. *The following updates/corrections should be made on Figure I-1:*

   a. *Figure I-1 states the gross floor area of the proposed addition is 44,320 square feet. However, Table I-1 indicates the proposed addition would be 43,940 square feet. These areas should be corrected as necessary.*

      Comment not addressed.

   b. *Street names should be added.*

      Comment not addressed.

   c. *The proposed setback from Fenimore Road should be labeled.*

      Comment addressed.

10. *Figure I-2, First Floor Plan, shows a different parking and loading layout along the front of the building and should be corrected to be consistent with what is shown on Figure I-1.*

    Comment not addressed.

11. *Figure I-3, Second Floor Plan, should list the square footage of the Murphy Brothers Contracting Offices for consistency with the other drawings.*

    Comment not addressed.

12. *On Figure I-4, the square footage of the co-working offices is given as 2,157 square feet. Per Table I-1, this should be corrected to state 2,008 square feet.*

    Comment addressed.

13. *On Figure I-5, Fourth Floor Plan, the drawing and labeling of proposed storage units should be corrected. It appears that 34 or 35 units are drawn on the fourth floor and the labels of the number of units are not correct. Based on Figures 1-2 through 1-4, there are a total of 127 storage units on the first three floors. Given that 160 new units are proposed, this implies that 33 units should be shown on Figure I-5 on the fourth floor.*

    Comment not addressed.

14. *Figures I-6 and I-7 do not show the additional two loading areas parallel to the front of the building that are depicted on Figure I-1 and should be corrected for consistency.*

    Comment not addressed.

15. *The number of required parking spaces for the FEIS plan is inconsistent between Table I-3 and Table I-4. Table I-4 should be corrected to state 137 parking spaces are required.*

    Comment addressed.

16. *The text on page I-7 states "As noted, the building coverage, FAR and gross floor area variances have been reduced, the height and off-street parking variances remain unchanged and the off-street parking variance is increased by 2 spaces." This sentence should be corrected to state "As noted, the building coverage, FAR and gross floor area variances have been reduced, the height remains unchanged, the off-street parking variance has been decreased by one space, and the off-street loading variance has been increased by one space."*

    Comment addressed.

17. *Page I-8 states excavation will require "150 cubic yards of cut and 69.9 cubic yards of fill, resulting in a net cut of 81.1 cubic yards." Table I-2 also indicates a net cut of 81.1 cubic yards. However, subtracting 69.9 cubic yards from 150 cubic yards results in a net cut of 80.1 cubic yards. The volumes should be corrected as necessary.*

    Comment addressed.

18. *Page I-8 should clarify that the discussion of chlorinated VOCs is regarding groundwater samples.*

    Comment not addressed.

19. *Table I-3 indicates 137 off-street parking spaces are required and the variance being requested is 111 parking spaces. However, Table I-4 states 121 off-street parking spaces are required. Page I-10 also states 121 spaces would be required. Table III.A-1 again states 137 spaces required with a variance of 111 requested. All incorrect mentions of the required number of parking spaces should be corrected.*

    Comment not addressed. The text within Section H currently on page I-11 still mentions 121 required parking spaces. The number of required parking spaces broken down by use should be provided.

20. *On page I-9, the discussion of flood storage volume should clarify whether the 34,538 cubic feet mentioned represents the incremental storage, rather than the cumulative storage. The revised flood storage analysis should be included as an appendix to the FEIS.*

    Comment addressed. The revised flood storage analysis is included as Figure I-11.

21. *The discussion of parking spaces on page I-10 should be augmented with the information presented in Response H-6 from page III.H.-3 through III.H.-4.*

Comment addressed.

CHAPTER II INDEX OF DEIS COMMENTS

No comments on this section.

CHAPTER III RESPONSES TO DEIS COMMENTS

III.A – ZONING AND LAND USE

22. *A footnote to Response A-1 on page III.A.-1 says "See June 20, 2018 submission to the ZBA for a comprehensive procedural history of prior self-storage proposals on the Site." If this was not included in the DEIS, it should be included as an Appendix to the FEIS.*

    Comment not addressed.

23. *On page III.A.-3, the third paragraph refers to a proposed 56,328-square foot addition of self-storage space. This text is referring to the revised design for the FEIS, which proposes a 33,896-square foot self-storage space addition.*

    Comment not addressed. This text is now on page III.A-2 and still states 56,328-square feet.

24. *Page III.A.-5 again refers to the FEIS design but states 56,328 square feet of additional storage space. This needs to be corrected to state 33,896 square feet.*

    Comment addressed. This text is now on page III.A-3

25. *Page III.A.-8 states "The uses proposed for the MAKER zone are clearly aspirational..." This statement should be revised to state "The uses proposed for the MAKER zone reflect the future land use goals of the Village of Mamaroneck and do not reflect existing land use characteristics of the area. While those uses may in time be drawn to the district, the current pattern of land use will likely remain prevalent for the foreseeable future."*

    Comment addressed.

26. *On page III.A.-9, the response to Comment A-3 does not discuss the visual impact changes from the revised FEIS design. This should be added to the response, which would more directly address the commenter's concern regarding the mass, height, and urban nature of the building proposed in the DEIS.*

    Comment addressed.

27. *Response A-7 on page III.A.-12 states 15,604 square feet of existing old, non-conforming buildings will be razed. This square footage is from the DEIS Plan and needs to be updated to the FEIS Plan of 18,589 square feet, consistent with page I-2.*

    Comment addressed.

28. *The following updates should be made to Response A-9 on page III.A.-13*

    a. *State that the existing FAR was presented in the DEIS in Table I.-2 on page I.-7. FEIS Response A-9.*

    b. *FEIS Table III.A-1 should be corrected to state the FEIS Plan proposed FAR is 2.11 and the variance required is 1.11.*

    Comment addressed.

29. *Response A-11 on page III.A.-14 should be augmented with the parking information presented in Response H-6 from page III.H.-3 through III.H.-4.*

    Comment addressed.

30. *Response A-16 should provide a response regarding the Commenter's mention of a flooding report. The response should indicate that the Hudson Engineering Flood Storage Analysis was included as Figures IV.D-3 and IV.D-5 and Appendix D to the DEIS. The response should also discuss the updated flood storage volume associated with the FEIS Plan.*

    Comment not fully addressed.

    a. **The wording in the response that states "...in an earlier comment D-9" should be revised to state "...in comment D-9."**

    b. **The appendix call that was added should include the appendix letter and clarify that it is an appendix to the DEIS. The response should also indicate that the Hudson Engineering Flood Storage Analysis was included as Figures IV.D-3 and IV.D-5 in the DEIS.**

31. *Response A-18 on page III.A.-19 should be revised to include information on proposed lighting. This is not currently indicated on any drawings included with the FEIS.*

    Comment not addressed.

32. *In the first sentence of the second paragraph of Response A-21 on page III.A.-21, it should be clarified that the height of portions of the building addition have been reduced.*

    Comment addressed.

33. *Response A-22 on page III.A.-21 should be expanded to include a discussion of the revised FEIS Plan in terms of reduced visual impact, additional streetscape improvements, and additional uses currently being proposed.*

    Comment partially addressed. The response should also discuss the proposed uses.

34. *Response A-23 on page III.A.-22 should also include a cross-reference to the response to comment A-12.*

    Comment addressed.

35. *The duplication of Table III.A-1 within Response A-9 needs the following corrections:*

    a. *"red" should be deleted from the cell providing the existing area.*

    b. *The proposed FAR should be updated from 1.91 to 2.11.*

    c. *The FAR variance required should be updated from 0.91 to 1.11.*

    Comment addressed.

36. *Comment A-26 on page III.A.-24 requested that the zoning analysis be broken out to clarify whether the proposed zoning variances were associated with the existing corner building, the proposed addition, or the existing storage building. The response clarifies that the existing corner buildings would be removed, but it does not clarify what variances for the existing self-storage building would remain. This should be updated.*

    Comment partially addressed. The content that responds to a portion of this comment is now included in response A-30. Therefore, response A-26 should cross-reference response A-30.

37. *Response A-29 should be augmented to include text indicating how the Net-Zero building features will avoid or reduce the impacts of climate change and rising sea levels should be added. For example, at a minimum, the following text from the DEIS could be added:*

a. *As an all-electric, "net-zero" building, the building will effectively have no carbon footprint. This is perhaps the most definitive measure the Applicant can take to minimize the overall impact on climate change, including sea level rise and flooding.*

Comment addressed.

38. **Response A-33 should state the total number of parking spaces that would be required for the manufacturing (woodworking shop) use and the office uses, before considering shared parking. This response should also refer to the updated Traffic and Parking Study, which should be include as an appendix to the FEIS.**

39. **The numbering on the response to comment A-37 currently states A-36 and should be updated to A-37.**

III.B – NATURAL RESOURCES

No comments on this section.

III.C – HAZARDOUS MATERIALS & PUBLIC HEALTH

40. Response C-3 should include a discussion of the protocols for encountering an unexpected underground tank or other environmental concern during construction.

Comment not addressed.

41. In Comment C-7, it is possible the Commenter was referring to groundwater. Therefore, the response should be augmented to discuss potential groundwater impacts and the proposed vapor barrier/sub-slab depressurization system.

Comment not addressed.

42. Response C-9 on page III.C.-5 should be augmented with a discussion of groundwater results.

Comment not addressed.

43. Response C-12 should also mention inclusion of the sub-slab depressurization system and vapor barrier.

Comment not addressed.

44. **Response C-14 should be expanded to address the commenter's concern regarding PCBs and VOCs, including whether VOCs results were reported to NYSDEC. Cross-references to Responses C-12 and C-13 should be added. The following two statements from the DEIS could be incorporated:**

a. **The results of soil sampling for VOCs, SVOCs, TAL metals and PCBs indicate that no petroleum hydrocarbon constituents, metals or PCBs were detected above NYSDEC- RUSCOs for Commercial properties at any of the boring locations where these constituents were tested.**

b. **The findings of the Phase I Environmental Assessment recommends that given the likely presence of asbestos, lead paint and PCBs, proper sampling and abatement should be undertaken prior to any future renovations, repairs or demolition.**

45. **Response C-15 needs to be expanded to address the following components from the comment:**

a. **What fail-safes will be put in place to ensure structural integrity of all surrounding buildings, including the roads and Railroad Way?**

b. **How will excavation on property line impact Railroad Way?**

c. **Is there any way to remediate the existing soil?**

III.D – FLOODING & FLOOD ZONE IMPACTS

46. *Responses D-1 and D-2 on pages III.D.-1 and III.D.-2 should both discuss the updated increase in flood storage volume on the site associated with the FEIS Plan.*

    Comment addressed.

47. *Responses D-3 and D-4 should also discuss the further reduction in impervious area and the increase in flood storage volume associated with the FEIS Plan. In addition, the Stormwater Control Facility Maintenance Agreement included as Appendix E to the DEIS could be referenced in these responses.*

    Comment addressed.

48. *Response D-6 should be expanded to state that compliance with the building standards under Chapter 186 Flood Damage Prevention of the Village of Mamaroneck Code will be enforced through inspections associated with the Floodplain Development Permit.*

    Comment mostly addressed. The wording "Flood Damage Protection Permit" should be changed to "Floodplain Development Permit."

49. *Response to Comment D-7 on page III.D.-4 should address the question of whether or not the existing storage building is flood zone compliant. The DEIS states on page IV.D-3 "The existing building is not floodproofed and therefore does in fact flood during major rainfall events. Additionally, the proposed building is outfitted with flood vents (as required since it is located in the flood zone) and will also flood during major rainfall events." The responses should clarify the difference between "floodproofed," "flood zone compliant," and "wet flood-proofed buildings" (see Response D-2). It is not clear from these responses whether or not ground floor storage units would flood during heavy rainfall events.*

    Comment addressed. The appendix call should include an appendix letter.

50. *Response D-8 on page III.D.-5 should also note the increase in flood storage volume associated with the FEIS Plan.*

    Comment addressed.

51. *Response D-9 on page III.D.-5 should clarify whether this is referring to the Hudson Engineering Flood Storage Analysis (Appendix D from the DEIS). If this appendix was in fact updated, the updated version should be included with the FEIS. The response should indicate the date it was provided to the Village Engineer for review.*

    Comment addressed. The appendix call should include an appendix letter.

52. *Response D-10 indicates the Hudson Engineering Flood Storage Analysis (Appendix D from the DEIS) was revised. The revised appendix should be included with the FEIS and cross-referenced in this response.*

    Comment addressed. The appendix call should include an appendix letter.

53. *Response D-11 on page III.D.-6 refers to text from the DEIS having been corrected: "The text on Page I-11 defining the 500-year floodplain was revised to "0.2% chance of flooding". The text that this response refers to does not exist in the FEIS, the response should be reworded to say "The text on Page 11-1 defining the 500-year floodplain should have read "0.2% chance of flooding.""*

    Comment addressed.

54. *Response D-12 should also cross-reference the revised flood storage analysis, which should be included as an appendix to the FEIS.*

    Comment addressed. The appendix call should include an appendix letter.

55. Responses D-3, D-9, and D-15 through D-17 reference the Kellard Sessions October 1, 2021 memorandum. This should be included in an appendix to the FEIS.

56. In Response D-13, footnotes 3 and 4 citing the DEIS and FEIS need to be switched.

57. Response D-18 should include an appendix call for the cited documents.

III.E – HISTORIC RESOURCES

No comments on this section.

III.F – VISUAL RESOURCES

58. Response F-3 on page III.F.-3 should also discuss the changes in design associated with the FEIS Plan.

Comment not addressed.

59. In the first sentence of the third paragraph of Response F-4 on page III.F.-4 and Response F-6 on page III.F.-6, it should be clarified that the height of portions of the building addition have been reduced.

Comment partially addressed. Response F-4 was revised but Response F-6 has not yet been revised.

60. Response F-5 on page III.F.-5 refers the reader to the Site Plan for lighting that will illuminate Railroad Way. However, the Site Plan included as Figure I-1 to the FEIS does not include any lighting information. Proposed lighting should be added to Figure I-1 or a separate lighting figure should be included.

Comment addressed. The response should be revised to refer the reader to Figures III.F-1 and III.F-3 of the FEIS.

61. The response to Comment F-7 on page III.F.-6 should also discuss the revised architecture associated with the FEIS Plan.

Comment not addressed.

62. Response F-8 on pages III.F.-8 through III.F.-9 should be augmented to include a discussion of the visual impacts of the alternatives evaluated and how those alternatives relate to the currently proposed FEIS Plan.

Comment addressed.

63. Response F-9 on page III.F.-9 should discuss the architectural changes associated with the FEIS Plan.

Comment not addressed.

64. Response F-10 on page III.F.-10 should cross-reference another response that discusses the current architectural plan. In addition, this response should discuss (or cross-reference other responses that discuss) the currently proposed mix of uses and increased pedestrian circulation/traffic.

Comment addressed.

65. The response to Comment F-11 refers to additional viewpoints from the train tracks and I-95 and refers the reader to Response F-10 in parentheses. Although it may be appropriate to cross-reference Response F-10 within this response, the parenthetical after the additional viewpoints should refer the reader to Figures III.F-2 through III.F-5 of the FEIS.

III.G - UTILITIES

66. *Although Response G-1 on page III.G.-1 indicates that the correct references for sewage calculations in DEIS Section IV.G and Appendix N should have been NYSDEC's Design Standards for Intermediate Sized Wastewater Treatment Systems (2014), it is unclear whether the calculations prepared for the DEIS relied upon the NYSDEC 1988 Design Standards for Wastewater Treatment Works. This should be clarified in the response. Also, the Response G-1 mentions DEIS text having been revised, but a revised DEIS has not been provided. A corrected Appendix N should be provided as an appendix to the FEIS and the response revised to note its inclusion.*

Comment not addressed.

III.H – TRAFFIC & TRANSPORTATION

67. *Response to Comment H-4 on page III.H.-3 should be revised to describe how the revised plan would function, including the proposed number of loading spaces (3) and the number near a door (1).*

Comment not addressed.

68. *Response to Comment H-5 on page III.H.-3 should be revised to include the proposed loading space width.*

Comment not addressed.

69. *Response H-7 on page III.H.-4 states that a truck turning path movement analysis is provided and refers to Figure IV-H-1. There does not appear to be a turning path movement figure included anywhere within the FEIS or its appendices. This should be included, and the figure reference in the response should be corrected.*

Comment not addressed.

70. **Response H-9 should include an appendix letter with the appendix call.**

71. **The table in Response H-10 should be revised to also indicate the number of parking spaces that would be required by the Zoning Code for each use, not just the projected number of spaces needed.**

72. **Responses H-12 and H-13 should include an appendix call.**

III.I – ECONOMIC & FISCAL ANALYSIS

73. *Response I-3 on page III.I-4 should cross-reference the segmentation discussion from Response A-1.*

Comment not addressed.

74. *Response I-4 on page III.I-4 through III.I-5 should be augmented to include a discussion of the other uses currently proposed in the FEIS Plan and how those uses would serve the residents/community.*

Comment not addressed.

75. *Response I-5 on page III.I.-5 should also mention the currently proposed vest-pocket park.*

Comment not addressed.

III.J – BUILDING DEMOLITION & CONSTRUCTION

76. *Response J-1 on page III.J.-1 should also note that the FEIS Plan now involves demolition of all existing buildings with the exception of the current self-storage building.*

Comment not addressed.

III.K – MISCELLANEOUS

77. **The cross-reference in Response K-4 should be corrected to reference Response K-3, not Response A-3.**

78. **The comment and response numbering needs to be corrected beyond Comment K-5.**

79. **The response to Comment K-5 should point the reader to where the topographic survey is included in the DEIS and/or FEIS.**

80. **The site plan approval and Certificate of Occupancy for the existing building should be included in an appendix to the FEIS.**

CHAPTER IV APPENDIX

81. *Pages 9 through 10 of the May 6, 2021 public hearing transcript marked a box of text in green and indicated this comment was labeled as Comment K-2. However, this comment was not included anywhere in FEIS Chapter III. This comment should be added to Section III.K.*

    Comment not addressed. However, since the text marked on the pages noted did not contain a substantive comment that requested further information, no further action is needed.

82. *Page 19 of the May 6, 2021 public hearing transcript contains an additional comment from Mr. Neufeld that is not included in Chapter III of the FEIS: "Were the findings here, were they supposed to be reported to the DEC, I'm not sure. I haven't asked that of the consultant but I'm not sure were they supposed to be because sometimes you have to report." This comment should be added to Section III.C and a response should be provided.*

    Comment not addressed.

83. *The revised flood storage analysis should be included within the appendices to the FEIS.*

    Comment not addressed.

AKRF

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Memorandum

To:	Village of Mamaroneck ZBA
From:	Ashley Ley, AICP
Date:	June 9, 2022
Re:	416 Waverly
cc:	Charles Gottlieb

At the April 26, 2022 work session, the ZBA requested that AKRF review the comments of the ZBA from the November 16, 2021 work session to see how these comments were addressed in the revised FEIS. The Applicant has included the November 16, 2021 ZBA comments as comments on the FEIS, and provided responses to them within the document itself. These comments and responses occur on the following pages:

- III.A-30 through III.A-34
- III.C-7 through III.C-9
- III.D-6 through III.D-10
- III.F-11 through III.F-12
- III.H-5 through III.H-7
- III.K-4 through III.K-5

COMMENTS

1. The completeness comments from the November 16, 2021, work session were included in the revised FEIS and we recommend that they be removed. The substantive information that was requested by the ZBA should be incorporated into Chapters 1 and 2, and a cover letter indicating how and where those comments were addressed should be provided.
2. The FEIS is the ZBA's document, and the tone of the responses should reflect that. Many of the responses are dismissive of the substantive information that was requested by the ZBA.
3. The ZBA's comments from the November 16, 2021, meeting were primarily related to the following substantive issues and concerns:
    a. **Segmentation.** Several ZBA members raised the concern that the proposed project was segmented from the existing self-storage project, as the Applicant previously contemplated a larger self-storage facility. This comment is sufficiently responded to in the FEIS. The preparation of the DEIS/FEIS for the proposed project cured issues related to the segmentation of the prior project.

b. **Flooding.** The FEIS inadequately responds to the substantive questions raised by the ZBA with regards to the extent of the flooding that occurred on the Project Site during Hurricane Ida. The ZBA's questions have relevance to the Proposed Project because they speak to establishing an appropriate Base Flood Elevation for the Proposed Project and other flood mitigation measures. Specifically, the FEIS should include the following information within Chapter 2:

   i. Height of flood water within the parking lot and the existing buildings during Hurricane Ida.

   ii. Whether or not flood water entered the existing self-storage building during Hurricane Ida. If flood water entered the building, the extent of the intrusion should be disclosed.

   iii. Proposed flood mitigation measures that exceed the base requirements of the law.

   iv. Additional information regarding flooding was provided at the May 31, 2022 worksession. This technical information should be provided in the FEIS.

   v. A diagram showing the 100-year and Ida flood levels in relation to the proposed building elevations should be provided.

c. **Proposed Woodworking Use.** The ZBA noted that the proposed new use had different parking requirements and requested that this be further described in the FEIS. The information included in Response A-33 should be integrated into Chapter 2.

d. **Hazardous Materials.** The ZBA questioned whether or not the Phase I and Phase II studies, as well as proposed mitigation measures, were adequate to address the conditions observed on the site. As discussed at the April 26, 2022, work session, AKRF has reviewed the documentation and proposed mitigation measures and finds that with the proposed mitigation measures in place, the recognized environmental conditions would be adequately addressed. The additional detail provided in the new responses in Section III.C should be integrated into Chapter 2. The transcript from the April 26, 2022 worksession should be included in the FEIS appendices.

e. **Visual Impacts.** The ZBA asked for additional information regarding the potential visual impacts of the project. The DEIS included architectural plans, elevations, photography, 3-D renderings and photosimulations. The FEIS includes additional viewpoint analyses from the train tracks and I-95. The analyses in the DEIS met the requirements of the Final Scoping Document, and the applicant provided analyses from the additional requested locations. As discussed at the May 31, 2022 worksession, the several of the figures have incorrect backgrounds and should be replaced with the figures shown at the worksession presentation.

f. **Parking.** There were inconsistencies in the document with regards to the number of parking spaces and parking ratios. These were identified in AKRF's completeness review memorandum dated October 26, 2021, and similar questions were raised by the ZBA members. Some of the corrections were made in the current document, however we noted a few places where the corrections were not picked up. These will be noted in AKRF's comments on the current draft FEIS.

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Memorandum

To:	Village of Mamaroneck ZBA
From:	AKRF, Inc.
Date:	October 6, 2021
Re:	416 Waverly Avenue Draft FEIS – AKRF Completeness Comments
cc:	Charles Gottlieb

AKRF, Inc. has initiated its review of the draft Final Environmental Impact Statement (FEIS), received September 23, 2021, for the Mamaroneck Self-Storage Building Addition located at 416 Waverly Avenue in the Village of Mamaroneck, NY (Tax Map #8-111-29-42).

It is important to note that the FEIS is the Lead Agency's document, which in this case is the Village of Mamaroneck Zoning Board of Appeals (ZBA). As such, the document should be written in the voice of the ZBA and should reflect the majority's opinion.

It is standard practice for the preliminary draft of an FEIS to be prepared by the Applicant, and then reviewed by the Lead Agency and its consultants. The purpose of this review is to determine whether the FEIS provides substantial responses to the public's comments, and whether all relevant information is presented and analyzed in a complete and understandable format. The comments that the Lead Agency concurs with should be integrated into the FEIS. Where issues have been left out or have not been addressed thoroughly, in the opinion of the ZBA, the Applicant should be requested to revise the FEIS and resubmit the document to the ZBA for further review.

COVER SHEET AND GENERAL INFORMATION

No comments on this section.

CHAPTER I INTRODUCTION & DESCRIPTION OF THE PROPOSED ACTION

1. Page I-3 states the Floor Area Ratio (FAR) will be reduced from 2.43 to 2.11. However, Table I-3 states the proposed FEIS FAR is 1.91 and that a variance of 0.91 would be required. Table I-4 also states the proposed FEIS FAR is 1.91. Page I-9 states the FAR would be reduced from 2.43 to 2.11. The proposed FEIS FAR needs to be clarified and corrected where necessary.
2. On Page I-3 in the second paragraph, the first line should be revised to clarify that the height of portions of the building addition have been reduced.

3. Table I-2 lists the gross floor area of the FEIS plan as 84,812 square feet. This number is incorrect and should be corrected to state 84,432 square feet, as is correctly noted in Table I-3.
4. Table I-2 lists the DEIS Plan impervious area as 40,675 square feet and the FEIS Plan impervious area as 39,235 square feet. Table I-3 lists the FEIS Plan impervious area as 40,383 square feet, which is the impervious area listed in Tables I-2, I-3, and II-1 of the DEIS. Page I-7 of the FEIS states "The overall amount of impervious area will actually be slightly decreased from 40,675 square feet under the DEIS Plan, to 40,383 square feet under the FEIS Plan." The DEIS and FEIS impervious areas should be corrected as necessary in FEIS Tables I-2 and I-3 and on FEIS page I-7.
5. Table I-2 indicates that there would be no change in water usage or wastewater generation between the DEIS and FEIS. The backup calculations should be provided.
6. The peak hour traffic row in Table 1-2 should be revised to read "8 AM trips," "10 PM trips," etc. for clarity.
7. The Project Description should include a figure that shows the DEIS layout versus the FEIS layout.
8. The Project Description on page I-4 should state the number of office spaces to be provided within the 2,008-square foot incubator office space.
9. The following updates/corrections should be made on Figure I-1:
    a. Figure I-1 states the gross floor area of the proposed addition is 44,320 square feet. However, Table I-1 indicates the proposed addition would be 43,940 square feet. These areas should be corrected as necessary.
    b. Street names should be added.
    c. The proposed setback from Fenimore Road should be labeled.
10. Figure I-2, First Floor Plan, shows a different parking and loading layout along the front of the building and should be corrected to be consistent with what is shown on Figure I-1.
11. Figure I-3, Second Floor Plan, should list the square footage of the Murphy Brothers Contracting Offices for consistency with the other drawings.
12. On Figure I-4, the square footage of the co-working offices is given as 2,157 square feet. Per Table I-1, this should be corrected to state 2,008 square feet.
13. On Figure I-5, Fourth Floor Plan, the drawing and labeling of proposed storage units should be corrected. It appears that 34 or 35 units are drawn on the fourth floor and the labels of the number of units are not correct. Based on Figures 1-2 through 1-4, there are a total of 127 storage units on the first three floors. Given that 160 new units are proposed, this implies that 33 units should be shown on Figure I-5 on the fourth floor.
14. Figures I-6 and I-7 do not show the additional two loading areas parallel to the front of the building that are depicted on Figure I-1 and should be corrected for consistency.
15. The number of required parking spaces for the FEIS plan is inconsistent between Table I-3 and Table I-4. Table I-4 should be corrected to state 137 parking spaces are required.
16. The text on page I-7 states "As noted, the building coverage, FAR and gross floor area variances have been reduced, the height and off-street parking variances remain unchanged and the off-street parking variance is increased by 2 spaces." This sentence should be corrected to state "As noted, the building coverage, FAR and gross floor area variances have been reduced, the height remains unchanged, the off-street parking variance has been decreased by one space, and the off-street loading variance has been increased by one space."

17. Page I-8 states excavation will require "150 cubic yards of cut and 69.9 cubic yards of fill, resulting in a net cut of 81.1 cubic yards." Table I-2 also indicates a net cut of 81.1 cubic yards. However, subtracting 69.9 cubic yards from 150 cubic yards results in a net cut of 80.1 cubic yards. The volumes should be corrected as necessary.
18. Page I-8 should clarify that the discussion of chlorinated VOCs is regarding groundwater samples.
19. Table I-3 indicates 137 off-street parking spaces are required and the variance being requested is 111 parking spaces. However, Table I-4 states 121 off-street parking spaces are required. Page I-10 also states 121 spaces would be required. Table III.A-1 again states 137 spaces required with a variance of 111 requested. All incorrect mentions of the required number of parking spaces should be corrected.
20. On page I-9, the discussion of flood storage volume should clarify whether the 34,538 cubic feet mentioned represents the incremental storage, rather than the cumulative storage. The revised flood storage analysis should be included as an appendix to the FEIS.
21. The discussion of parking spaces on page I-10 should be augmented with the information presented in Response H-6 from page III.H.-3 through III.H.-4.

CHAPTER II INDEX OF DEIS COMMENTS

No comments on this section.

CHAPTER III RESPONSES TO DEIS COMMENTS

III.A – ZONING AND LAND USE

22. A footnote to Response A-1 on page III.A.-1 says "See June 20, 2018 submission to the ZBA for a comprehensive procedural history of prior self-storage proposals on the Site." If this was not included in the DEIS, it should be included as an Appendix to the FEIS.
23. On page III.A.-3, the third paragraph refers to a proposed 56,328-square foot addition of self-storage space. This text is referring to the revised design for the FEIS, which proposes a 33,896-square foot self-storage space addition.
24. Page III.A.-5 again refers to the FEIS design but states 56,328 square feet of additional storage space. This needs to be corrected to state 33,896 square feet.
25. Page III.A.-8 states "The uses proposed for the MAKER zone are clearly aspirational…" This statement should be revised to state "The uses proposed for the MAKER zone reflect the future land use goals of the Village of Mamaroneck and do not reflect existing land use characteristics of the area. While those uses may in time be drawn to the district, the current pattern of land use will likely remain prevalent for the foreseeable future."
26. On page III.A.-9, the response to Comment A-3 does not discuss the visual impact changes from the revised FEIS design. This should be added to the response, which would more directly address the commenter's concern regarding the mass, height, and urban nature of the building proposed in the DEIS.
27. Response A-7 on page III.A.-12 states 15,604 square feet of existing old, non-conforming buildings will be razed. This square footage is from the DEIS Plan and needs to be updated to the FEIS Plan of 18,589 square feet, consistent with page I-2.
28. The following updates should be made to Response A-9 on page III.A.-13
    a. State that the existing FAR was presented in the DEIS in Table I.-2 on page I.-7. FEIS Response A-9.
    b. FEIS Table III.A-1 should be corrected to state the FEIS Plan proposed FAR is 2.11 and the variance required is 1.11.

29. Response A-11 on page III.A.-14 should be augmented with the parking information presented in Response H-6 from page III.H.-3 through III.H.-4.
30. Response A-16 should provide a response regarding the Commenter's mention of a flooding report. The response should indicate that the Hudson Engineering Flood Storage Analysis was included as Figures IV.D-3 and IV.D-5 and Appendix D to the DEIS. The response should also discuss the updated flood storage volume associated with the FEIS Plan.
31. Response A-18 on page III.A.-19 should be revised to include information on proposed lighting. This is not currently indicated on any drawings included with the FEIS.
32. In the first sentence of the second paragraph of Response A-21 on page III.A.-21, it should be clarified that the height of portions of the building addition have been reduced.
33. Response A-22 on page III.A.-21 should be expanded to include a discussion of the revised FEIS Plan in terms of reduced visual impact, additional streetscape improvements, and additional uses currently being proposed.
34. Response A-23 on page III.A.-22 should also include a cross-reference to the response to comment A-12.
35. The duplication of Table III.A-1 within Response A-9 needs the following corrections:
    a. "red" should be deleted from the cell providing the existing area.
    b. The proposed FAR should be updated from 1.91 to 2.11.
    c. The FAR variance required should be updated from 0.91 to 1.11.
36. Comment A-26 on page III.A.-24 requested that the zoning analysis be broken out to clarify whether the proposed zoning variances were associated with the existing corner building, the proposed addition, or the existing storage building. The response clarifies that the existing corner buildings would be removed, but it does not clarify what variances for the existing self-storage building would remain. This should be updated.
37. Response A-29 should be augmented to include text indicating how the Net-Zero building features will avoid or reduce the impacts of climate change and rising sea levels should be added. For example, at a minimum, the following text from the DEIS could be added:
    a. As an all-electric, "net-zero" building, the building will effectively have no carbon footprint. This is perhaps the most definitive measure the Applicant can take to minimize the overall impact on climate change, including sea level rise and flooding.

III.B – NATURAL RESOURCES

No comments on this section.

III.C – HAZARDOUS MATERIALS & PUBLIC HEALTH

38. Response C-3 should include a discussion of the protocols for encountering an unexpected underground tank or other environmental concern during construction.
39. In Comment C-7, it is possible the Commenter was referring to groundwater. Therefore, the response should be augmented to discuss potential groundwater impacts and the proposed vapor barrier/sub-slab depressurization system.
40. Response C-9 on page III.C.-5 should be augmented with a discussion of groundwater results.
41. Response C-12 should also mention inclusion of the sub-slab depressurization system and vapor barrier.

III.D – FLOODING & FLOOD ZONE IMPACTS

42. Responses D-1 and D-2 on pages III.D.-1 and III.D.-2 should both discuss the updated increase in flood storage volume on the site associated with the FEIS Plan.

43. Responses D-3 and D-4 should also discuss the further reduction in impervious area and the increase in flood storage volume associated with the FEIS Plan. In addition, the Stormwater Control Facility Maintenance Agreement included as Appendix E to the DEIS could be referenced in these responses.

44. Response D-6 should be expanded to state that compliance with the building standards under Chapter 186 Flood Damage Prevention of the Village of Mamaroneck Code will be enforced through inspections associated with the Floodplain Development Permit.

45. Response to Comment D-7 on page III.D.-4 should address the question of whether or not the existing storage building is flood zone compliant. The DEIS states on page IV.D-3 "The existing building is not floodproofed and therefore does in fact flood during major rainfall events. Additionally, the proposed building is outfitted with flood vents (as required since it is located in the flood zone) and will also flood during major rainfall events." The responses should clarify the difference between "floodproofed," "flood zone compliant," and "wet flood-proofed buildings" (see Response D-2). It is not clear from these responses whether or not ground floor storage units would flood during heavy rainfall events.

46. Response D-8 on page III.D.-5 should also note the increase in flood storage volume associated with the FEIS Plan.

47. Response D-9 on page III.D.-5 should clarify whether this is referring to the Hudson Engineering Flood Storage Analysis (Appendix D from the DEIS). If this appendix was in fact updated, the updated version should be included with the FEIS. The response should indicate the date it was provided to the Village Engineer for review.

48. Response D-10 indicates the Hudson Engineering Flood Storage Analysis (Appendix D from the DEIS) was revised. The revised appendix should be included with the FEIS and cross-referenced in this response.

49. Response D-11 on page III.D.-6 refers to text from the DEIS having been corrected: "The text on Page I-11 defining the 500-year floodplain was revised to "0.2% chance of flooding". The text that this response refers to does not exist in the FEIS, the response should be reworded to say "The text on Page 11-1 defining the 500-year floodplain should have read "0.2% chance of flooding.""

50. Response D-12 should also cross-reference the revised flood storage analysis, which should be included as an appendix to the FEIS.

III.E – HISTORIC RESOURCES

No comments on this section.

III.F – VISUAL RESOURCES

51. Response F-3 on page III.F.-3 should also discuss the changes in design associated with the FEIS Plan.

52. In the first sentence of the third paragraph of Response F-4 on page III.F.-4 and Response F-6 on page III.F.-6, it should be clarified that the height of <u>portions</u> of the building addition have been reduced.

53. Response F-5 on page III.F.-5 refers the reader to the Site Plan for lighting that will illuminate Railroad Way. However, the Site Plan included as Figure I-1 to the FEIS does not include any lighting information. Proposed lighting should be added to Figure I-1 or a separate lighting figure should be included.

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55. Response F-8 on pages III.F.-8 through III.F.-9 should be augmented to include a discussion of the visual impacts of the alternatives evaluated and how those alternatives relate to the currently proposed FEIS Plan.

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III.H – TRAFFIC & TRANSPORTATION

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III.J – BUILDING DEMOLITION & CONSTRUCTION

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No comments on this section.

CHAPTER IV APPENDIX

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67. Page 19 of the May 6, 2021 public hearing transcript contains an additional comment from Mr. Neufeld that is not included in Chapter III of the FEIS: "Were the findings here, were they supposed to be reported to the DEC, I'm not sure. I haven't asked that of the consultant but I'm not sure were they supposed to be because sometimes you have to report." This comment should be added to Section III.C and a response should be provided.

68. The revised flood storage analysis should be included within the appendices to the FEIS.

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Memorandum

To:	Village of Mamaroneck ZBA
From:	AKRF, Inc.
Date:	October 6, 2021
Re:	416 Waverly Avenue Draft FEIS – AKRF Completeness Comments
cc:	Charles Gottlieb

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COVER SHEET AND GENERAL INFORMATION

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2. On Page I-3 in the second paragraph, the first line should be revised to clarify that the height of portions of the building addition have been reduced.

3. Table I-2 lists the gross floor area of the FEIS plan as 84,812 square feet. This number is incorrect and should be corrected to state 84,432 square feet, as is correctly noted in Table I-3.
4. Table I-2 lists the DEIS Plan impervious area as 40,675 square feet and the FEIS Plan impervious area as 39,235 square feet. Table I-3 lists the FEIS Plan impervious area as 40,383 square feet, which is the impervious area listed in Tables I-2, I-3, and II-1 of the DEIS. Page I-7 of the FEIS states "The overall amount of impervious area will actually be slightly decreased from 40,675 square feet under the DEIS Plan, to 40,383 square feet under the FEIS Plan." The DEIS and FEIS impervious areas should be corrected as necessary in FEIS Tables I-2 and I-3 and on FEIS page I-7.
5. Table I-2 indicates that there would be no change in water usage or wastewater generation between the DEIS and FEIS. The backup calculations should be provided.
6. The peak hour traffic row in Table 1-2 should be revised to read "8 AM trips," "10 PM trips," etc. for clarity.
7. The Project Description should include a figure that shows the DEIS layout versus the FEIS layout.
8. The Project Description on page I-4 should state the number of office spaces to be provided within the 2,008-square foot incubator office space.
9. The following updates/corrections should be made on Figure I-1:
    a. Figure I-1 states the gross floor area of the proposed addition is 44,320 square feet. However, Table I-1 indicates the proposed addition would be 43,940 square feet. These areas should be corrected as necessary.
    b. Street names should be added.
    c. The proposed setback from Fenimore Road should be labeled.
10. Figure I-2, First Floor Plan, shows a different parking and loading layout along the front of the building and should be corrected to be consistent with what is shown on Figure I-1.
11. Figure I-3, Second Floor Plan, should list the square footage of the Murphy Brothers Contracting Offices for consistency with the other drawings.
12. On Figure I-4, the square footage of the co-working offices is given as 2,157 square feet. Per Table I-1, this should be corrected to state 2,008 square feet.
13. On Figure I-5, Fourth Floor Plan, the drawing and labeling of proposed storage units should be corrected. It appears that 34 or 35 units are drawn on the fourth floor and the labels of the number of units are not correct. Based on Figures 1-2 through 1-4, there are a total of 127 storage units on the first three floors. Given that 160 new units are proposed, this implies that 33 units should be shown on Figure I-5 on the fourth floor.
14. Figures I-6 and I-7 do not show the additional two loading areas parallel to the front of the building that are depicted on Figure I-1 and should be corrected for consistency.
15. The number of required parking spaces for the FEIS plan is inconsistent between Table I-3 and Table I-4. Table I-4 should be corrected to state 137 parking spaces are required.
16. The text on page I-7 states "As noted, the building coverage, FAR and gross floor area variances have been reduced, the height and off-street parking variances remain unchanged and the off-street parking variance is increased by 2 spaces." This sentence should be corrected to state "As noted, the building coverage, FAR and gross floor area variances have been reduced, the height remains unchanged, the off-street parking variance has been decreased by one space, and the off-street loading variance has been increased by one space."

17. Page I-8 states excavation will require "150 cubic yards of cut and 69.9 cubic yards of fill, resulting in a net cut of 81.1 cubic yards." Table I-2 also indicates a net cut of 81.1 cubic yards. However, subtracting 69.9 cubic yards from 150 cubic yards results in a net cut of 80.1 cubic yards. The volumes should be corrected as necessary.
18. Page I-8 should clarify that the discussion of chlorinated VOCs is regarding groundwater samples.
19. Table I-3 indicates 137 off-street parking spaces are required and the variance being requested is 111 parking spaces. However, Table I-4 states 121 off-street parking spaces are required. Page I-10 also states 121 spaces would be required. Table III.A-1 again states 137 spaces required with a variance of 111 requested. All incorrect mentions of the required number of parking spaces should be corrected.
20. On page I-9, the discussion of flood storage volume should clarify whether the 34,538 cubic feet mentioned represents the incremental storage, rather than the cumulative storage. The revised flood storage analysis should be included as an appendix to the FEIS.
21. The discussion of parking spaces on page I-10 should be augmented with the information presented in Response H-6 from page III.H.-3 through III.H.-4.

CHAPTER II INDEX OF DEIS COMMENTS

No comments on this section.

CHAPTER III RESPONSES TO DEIS COMMENTS

III.A – ZONING AND LAND USE

22. A footnote to Response A-1 on page III.A.-1 says "See June 20, 2018 submission to the ZBA for a comprehensive procedural history of prior self-storage proposals on the Site." If this was not included in the DEIS, it should be included as an Appendix to the FEIS.
23. On page III.A.-3, the third paragraph refers to a proposed 56,328-square foot addition of self-storage space. This text is referring to the revised design for the FEIS, which proposes a 33,896-square foot self-storage space addition.
24. Page III.A.-5 again refers to the FEIS design but states 56,328 square feet of additional storage space. This needs to be corrected to state 33,896 square feet.
25. Page III.A.-8 states "The uses proposed for the MAKER zone are clearly aspirational…" This statement should be revised to state "The uses proposed for the MAKER zone reflect the future land use goals of the Village of Mamaroneck and do not reflect existing land use characteristics of the area. While those uses may in time be drawn to the district, the current pattern of land use will likely remain prevalent for the foreseeable future."
26. On page III.A.-9, the response to Comment A-3 does not discuss the visual impact changes from the revised FEIS design. This should be added to the response, which would more directly address the commenter's concern regarding the mass, height, and urban nature of the building proposed in the DEIS.
27. Response A-7 on page III.A.-12 states 15,604 square feet of existing old, non-conforming buildings will be razed. This square footage is from the DEIS Plan and needs to be updated to the FEIS Plan of 18,589 square feet, consistent with page I-2.
28. The following updates should be made to Response A-9 on page III.A.-13
    a. State that the existing FAR was presented in the DEIS in Table I.-2 on page I.-7. FEIS Response A-9.
    b. FEIS Table III.A-1 should be corrected to state the FEIS Plan proposed FAR is 2.11 and the variance required is 1.11.

29. Response A-11 on page III.A.-14 should be augmented with the parking information presented in Response H-6 from page III.H.-3 through III.H.-4.
30. Response A-16 should provide a response regarding the Commenter's mention of a flooding report. The response should indicate that the Hudson Engineering Flood Storage Analysis was included as Figures IV.D-3 and IV.D-5 and Appendix D to the DEIS. The response should also discuss the updated flood storage volume associated with the FEIS Plan.
31. Response A-18 on page III.A.-19 should be revised to include information on proposed lighting. This is not currently indicated on any drawings included with the FEIS.
32. In the first sentence of the second paragraph of Response A-21 on page III.A.-21, it should be clarified that the height of portions of the building addition have been reduced.
33. Response A-22 on page III.A.-21 should be expanded to include a discussion of the revised FEIS Plan in terms of reduced visual impact, additional streetscape improvements, and additional uses currently being proposed.
34. Response A-23 on page III.A.-22 should also include a cross-reference to the response to comment A-12.
35. The duplication of Table III.A-1 within Response A-9 needs the following corrections:
    a. "red" should be deleted from the cell providing the existing area.
    b. The proposed FAR should be updated from 1.91 to 2.11.
    c. The FAR variance required should be updated from 0.91 to 1.11.
36. Comment A-26 on page III.A.-24 requested that the zoning analysis be broken out to clarify whether the proposed zoning variances were associated with the existing corner building, the proposed addition, or the existing storage building. The response clarifies that the existing corner buildings would be removed, but it does not clarify what variances for the existing self-storage building would remain. This should be updated.
37. Response A-29 should be augmented to include text indicating how the Net-Zero building features will avoid or reduce the impacts of climate change and rising sea levels should be added. For example, at a minimum, the following text from the DEIS could be added:
    a. As an all-electric, "net-zero" building, the building will effectively have no carbon footprint. This is perhaps the most definitive measure the Applicant can take to minimize the overall impact on climate change, including sea level rise and flooding.

III.B – NATURAL RESOURCES

No comments on this section.

III.C – HAZARDOUS MATERIALS & PUBLIC HEALTH

38. Response C-3 should include a discussion of the protocols for encountering an unexpected underground tank or other environmental concern during construction.
39. In Comment C-7, it is possible the Commenter was referring to groundwater. Therefore, the response should be augmented to discuss potential groundwater impacts and the proposed vapor barrier/sub-slab depressurization system.
40. Response C-9 on page III.C.-5 should be augmented with a discussion of groundwater results.
41. Response C-12 should also mention inclusion of the sub-slab depressurization system and vapor barrier.

III.D – FLOODING & FLOOD ZONE IMPACTS

42. Responses D-1 and D-2 on pages III.D.-1 and III.D.-2 should both discuss the updated increase in flood storage volume on the site associated with the FEIS Plan.

43. Responses D-3 and D-4 should also discuss the further reduction in impervious area and the increase in flood storage volume associated with the FEIS Plan. In addition, the Stormwater Control Facility Maintenance Agreement included as Appendix E to the DEIS could be referenced in these responses.

44. Response D-6 should be expanded to state that compliance with the building standards under Chapter 186 Flood Damage Prevention of the Village of Mamaroneck Code will be enforced through inspections associated with the Floodplain Development Permit.

45. Response to Comment D-7 on page III.D.-4 should address the question of whether or not the existing storage building is flood zone compliant. The DEIS states on page IV.D-3 "The existing building is not floodproofed and therefore does in fact flood during major rainfall events. Additionally, the proposed building is outfitted with flood vents (as required since it is located in the flood zone) and will also flood during major rainfall events." The responses should clarify the difference between "floodproofed," "flood zone compliant," and "wet flood-proofed buildings" (see Response D-2). It is not clear from these responses whether or not ground floor storage units would flood during heavy rainfall events.

46. Response D-8 on page III.D.-5 should also note the increase in flood storage volume associated with the FEIS Plan.

47. Response D-9 on page III.D.-5 should clarify whether this is referring to the Hudson Engineering Flood Storage Analysis (Appendix D from the DEIS). If this appendix was in fact updated, the updated version should be included with the FEIS. The response should indicate the date it was provided to the Village Engineer for review.

48. Response D-10 indicates the Hudson Engineering Flood Storage Analysis (Appendix D from the DEIS) was revised. The revised appendix should be included with the FEIS and cross-referenced in this response.

49. Response D-11 on page III.D.-6 refers to text from the DEIS having been corrected: "The text on Page I-11 defining the 500-year floodplain was revised to "0.2% chance of flooding". The text that this response refers to does not exist in the FEIS, the response should be reworded to say "The text on Page 11-1 defining the 500-year floodplain should have read "0.2% chance of flooding.""

50. Response D-12 should also cross-reference the revised flood storage analysis, which should be included as an appendix to the FEIS.

III.E – HISTORIC RESOURCES

No comments on this section.

III.F – VISUAL RESOURCES

51. Response F-3 on page III.F.-3 should also discuss the changes in design associated with the FEIS Plan.

52. In the first sentence of the third paragraph of Response F-4 on page III.F.-4 and Response F-6 on page III.F.-6, it should be clarified that the height of <u>portions</u> of the building addition have been reduced.

53. Response F-5 on page III.F.-5 refers the reader to the Site Plan for lighting that will illuminate Railroad Way. However, the Site Plan included as Figure I-1 to the FEIS does not include any lighting information. Proposed lighting should be added to Figure I-1 or a separate lighting figure should be included.

54. The response to Comment F-7 on page III.F.-6 should also discuss the revised architecture associated with the FEIS Plan.

55. Response F-8 on pages III.F.-8 through III.F.-9 should be augmented to include a discussion of the visual impacts of the alternatives evaluated and how those alternatives relate to the currently proposed FEIS Plan.

56. Response F-9 on page III.F.-9 should discuss the architectural changes associated with the FEIS Plan.

57. Response F-10 on page III.F.-10 should cross-reference another response that discusses the current architectural plan. In addition, this response should discuss (or cross-reference other responses that discuss) the currently proposed mix of uses and increased pedestrian circulation/traffic.

III.G - UTILITIES

58. Although Response G-1 on page III.G.-1 indicates that the correct references for sewage calculations in DEIS Section IV.G and Appendix N should have been NYSDEC's Design Standards for Intermediate Sized Wastewater Treatment Systems (2014), it is unclear whether the calculations prepared for the DEIS relied upon the NYSDEC 1988 Design Standards for Wastewater Treatment Works. This should be clarified in the response. Also, the Response G-1 mentions DEIS text having been revised, but a revised DEIS has not been provided. A corrected Appendix N should be provided as an appendix to the FEIS and the response revised to note its inclusion.

III.H – TRAFFIC & TRANSPORTATION

59. Response to Comment H-4 on page III.H.-3 should be revised to describe how the revised plan would function, including the proposed number of loading spaces (3) and the number near a door (1).

60. Response to Comment H-5 on page III.H.-3 should be revised to include the proposed loading space width.

61. Response H-7 on page III.H.-4 states that a truck turning path movement analysis is provided and refers to Figure IV-H-1. There does not appear to be a turning path movement figure included anywhere within the FEIS or its appendices. This should be included, and the figure reference in the response should be corrected.

III.I – ECONOMIC & FISCAL ANALYSIS

62. Response I-3 on page III.I-4 should cross-reference the segmentation discussion from Response A-1.

63. Response I-4 on page III.I-4 through III.I-5 should be augmented to include a discussion of the other uses currently proposed in the FEIS Plan and how those uses would serve the residents/community.

64. Response I-5 on page III.I.-5 should also mention the currently proposed vest-pocket park.

III.J – BUILDING DEMOLITION & CONSTRUCTION

65. Response J-1 on page III.J.-1 should also note that the FEIS Plan now involves demolition of all existing buildings with the exception of the current self-storage building.

III.K – MISCELLANEOUS

No comments on this section.

CHAPTER IV APPENDIX

66. Pages 9 through 10 of the May 6, 2021 public hearing transcript marked a box of text in green and indicated this comment was labeled as Comment K-2. However, this comment was not included anywhere in FEIS Chapter III. This comment should be added to Section III.K.

67. Page 19 of the May 6, 2021 public hearing transcript contains an additional comment from Mr. Neufeld that is not included in Chapter III of the FEIS: "Were the findings here, were they supposed to be reported to the DEC, I'm not sure. I haven't asked that of the consultant but I'm not sure were they supposed to be because sometimes you have to report." This comment should be added to Section III.C and a response should be provided.

68. The revised flood storage analysis should be included within the appendices to the FEIS.

Environmental, Planning, and Engineering Consultants
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Suite 401
White Plains, NY 10601
tel: 914 949-7336
fax: 914 949-7559
www.akrf.com

Memorandum

To:	Village of Mamaroneck ZBA
From:	AKRF, Inc.
Date:	August 23, 2022
Re:	416 Waverly Avenue Revised FEIS – AKRF Completeness Comments
cc:	Charles Gottlieb

AKRF, Inc. has initiated its review of the revised Final Environmental Impact Statement (FEIS), received July 2022, for the Mamaroneck Self-Storage Building Addition located at 416 Waverly Avenue in the Village of Mamaroneck, NY (Tax Map #8-111-29-42).

It is important to note that the FEIS is the Lead Agency's document, which in this case is the Village of Mamaroneck Zoning Board of Appeals (ZBA). As such, the document should be written in the voice of the ZBA and should reflect the majority's opinion.

It is standard practice for the preliminary draft of a FEIS to be prepared by the Applicant, and then reviewed by the Lead Agency and its consultants. The purpose of this review is to determine whether the FEIS provides substantial responses to the public's comments, and whether all relevant information is presented and analyzed in a complete and understandable format. The comments that the Lead Agency concurs with should be integrated into the FEIS. Where issues have been left out or have not been addressed thoroughly, in the opinion of the ZBA, the Applicant should be requested to revise the FEIS and resubmit the document to the ZBA for further review.

AKRF's October 6, 2021 and June 9, 2022 comments are recited below in *italics*. New and follow up comments are in **bold**.

COVER SHEET AND GENERAL INFORMATION

No comments on this section.

CHAPTER I INTRODUCTION & DESCRIPTION OF THE PROPOSED ACTION

1. *Page I-3 states the Floor Area Ratio (FAR) will be reduced from 2.43 to 2.11. However, Table I-3 states the proposed FEIS FAR is 1.91 and that a variance of 0.91 would be required. Table I-4 also states the proposed FEIS FAR is 1.91. Page I-9 states the FAR would be reduced from 2.43 to 2.11. The proposed FEIS FAR needs to be clarified and corrected where necessary.*

   6/9/22 conclusion: Comment addressed.

2. *On Page I-3 in the second paragraph, the first line should be revised to clarify that the height of portions of the building addition have been reduced.*

   6/9/22 conclusion: Comment addressed.

3. *Table I-2 lists the gross floor area of the FEIS plan as 84,812 square feet. This number is incorrect and should be corrected to state 84,432 square feet, as is correctly noted in Table I-3.*

   6/9/22 conclusion: Comment addressed.

4. *Table I-2 lists the DEIS Plan impervious area as 40,675 square feet and the FEIS Plan impervious area as 39,235 square feet. Table I-3 lists the FEIS Plan impervious area as 40,383 square feet, which is the impervious area listed in Tables I-2, I-3, and II-1 of the DEIS. Page I-7 of the FEIS states "The overall amount of impervious area will actually be slightly decreased from 40,675 square feet under the DEIS Plan, to 40,383 square feet under the FEIS Plan." The DEIS and FEIS impervious areas should be corrected as necessary in FEIS Tables I-2 and I-3 and on FEIS page I-7.*

   6/9/22 conclusion: Comment not addressed. Table I-2 still lists the FEIS Plan impervious area as 39,235 square feet, which is inconsistent with the other mentions of FEIS Plan impervious area.

   8/23/22 conclusion: Comment addressed.

5. *Table I-2 indicates that there would be no change in water usage or wastewater generation between the DEIS and FEIS. The backup calculations should be provided.*

   6/9/22 conclusion: Comment not addressed.

   8/23/22 conclusion: Although footnotes with further detail have been provided on Table I-2, the appendix containing backup calculations was not provided for review. It is unclear what the footnote refers to by the phrase "there will be 2-shifts of 5-employees at the facility." Based on the discussions of the number of employees for each use throughout the FEIS, it appears there would be 16 employees on-site simultaneously across all proposed uses (3 for the storage facility, 4 for the Murphy Brothers office, 3 for the woodworking shop, and 6 for the incubator offices).

6. *The peak hour traffic row in Table 1-2 should be revised to read "8 AM trips," "10 PM trips," etc. for clarity.*

   6/9/22 conclusion: Comment addressed.

7. *The Project Description should include a figure that shows the DEIS layout versus the FEIS layout.*

   6/9/22 conclusion: Comment addressed.

8. *The Project Description on page I-4 should state the number of office spaces to be provided within the 2,008-square foot incubator office space.*

   6/9/22 conclusion: Comment addressed.

9. *The following updates/corrections should be made on Figure I-1:*

   a. *Figure I-1 states the gross floor area of the proposed addition is 44,320 square feet. However, Table I-1 indicates the proposed addition would be 43,940 square feet. These areas should be corrected as necessary.*

      6/9/22 conclusion: Comment not addressed.

      8/23/22 conclusion: Comment addressed.

   b. *Street names should be added.*

      6/9/22 conclusion: Comment not addressed.

8/23/22 conclusion: Comment not addressed.

c. *The proposed setback from Fenimore Road should be labeled.*

6/9/22 conclusion: Comment addressed.

10. *Figure I-2, First Floor Plan, shows a different parking and loading layout along the front of the building and should be corrected to be consistent with what is shown on Figure I-1.*

6/9/22 conclusion: Comment not addressed.

8/23/22 conclusion: Comment addressed.

11. *Figure I-3, Second Floor Plan, should list the square footage of the Murphy Brothers Contracting Offices for consistency with the other drawings.*

6/9/22 conclusion: Comment not addressed.

8/23/22 conclusion: Comment addressed.

12. *On Figure I-4, the square footage of the co-working offices is given as 2,157 square feet. Per Table I-1, this should be corrected to state 2,008 square feet.*

6/9/22 conclusion: Comment addressed.

13. *On Figure I-5, Fourth Floor Plan, the drawing and labeling of proposed storage units should be corrected. It appears that 34 or 35 units are drawn on the fourth floor and the labels of the number of units are not correct. Based on Figures 1-2 through 1-4, there are a total of 127 storage units on the first three floors. Given that 160 new units are proposed, this implies that 33 units should be shown on Figure I-5 on the fourth floor.*

6/9/22 conclusion: Comment not addressed.

8/23/22 conclusion: Comment addressed. The drawing and labeling of proposed storage units on the fourth floor has been adjusted; 34 units are now shown. The total number of units shown on the four floors is 160 units.

14. *Figures I-6 and I-7 do not show the additional two loading areas parallel to the front of the building that are depicted on Figure I-1 and should be corrected for consistency.*

6/9/22: Comment not addressed.

8/23/22: Comment not addressed. In Response F-13, the Applicant indicates that these two loading spaces were not intended to be striped but could be if required. AKRF recommends that all three loading spaces be striped.

15. *The number of required parking spaces for the FEIS plan is inconsistent between Table I-3 and Table I-4. Table I-4 should be corrected to state 137 parking spaces are required.*

6/9/22 conclusion: Comment addressed.

16. *The text on page I-7 states "As noted, the building coverage, FAR and gross floor area variances have been reduced, the height and off-street parking variances remain unchanged and the off-street parking variance is increased by 2 spaces." This sentence should be corrected to state "As noted, the building coverage, FAR and gross floor area variances have been reduced, the height remains unchanged, the off-street parking variance has been decreased by one space, and the off-street loading variance has been increased by one space."*

6/9/22 conclusion: Comment addressed.

17. *Page I-8 states excavation will require "150 cubic yards of cut and 69.9 cubic yards of fill, resulting in a net cut of 81.1 cubic yards." Table I-2 also indicates a net cut of 81.1 cubic yards.*

However, subtracting 69.9 cubic yards from 150 cubic yards results in a net cut of 80.1 cubic yards. The volumes should be corrected as necessary.

6/9/22 conclusion: Comment addressed.

18. *Page I-8 should clarify that the discussion of chlorinated VOCs is regarding groundwater samples.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment addressed.

19. *Table I-3 indicates 137 off-street parking spaces are required and the variance being requested is 111 parking spaces. However, Table I-4 states 121 off-street parking spaces are required. Page I-10 also states 121 spaces would be required. Table III.A-1 again states 137 spaces required with a variance of 111 requested. All incorrect mentions of the required number of parking spaces should be corrected.*

    6/9/22 conclusion: Comment not addressed. The text within Section H currently on page I-11 still mentions 121 required parking spaces. The number of required parking spaces broken down by use should be provided.

    8/23/22 conclusion: Comment partially addressed. Information from the Village Code on the required number of spaces per given square footage was provided in Response H-6 within Chapter 3. However, Response H-6 incorrectly states the parking requirement for office space is 1 space per 350 square feet. Response A-33 correctly states the office parking requirement is 1 space per 250 square feet. Response H-6 does not discuss the total spaces required for the Project per use; this information is now included in Response A-33. Therefore, Response H-6 should cross-reference Response A-33. This information should be included in Section I.H of the FEIS.

20. *On page I-9, the discussion of flood storage volume should clarify whether the 34,538 cubic feet mentioned represents the incremental storage, rather than the cumulative storage. The revised flood storage analysis should be included as an appendix to the FEIS.*

    6/9/22 conclusion: Comment addressed. The revised flood storage analysis is included as Figure I-11.

21. *The discussion of parking spaces on page I-10 should be augmented with the information presented in Response H-6 from page III.H.-3 through III.H.-4.*

    6/9/22 conclusion: Comment addressed.

CHAPTER II INDEX OF DEIS COMMENTS

No comments on this section.

CHAPTER III RESPONSES TO DEIS COMMENTS

III.A – ZONING AND LAND USE

22. *A footnote to Response A-1 on page III.A.-1 says "See June 20, 2018 submission to the ZBA for a comprehensive procedural history of prior self-storage proposals on the Site." If this was not included in the DEIS, it should be included as an Appendix to the FEIS.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment partially addressed. The revised Table of Contents indicates that the site plan approval, certificate of occupancy, and floodplain permit for the original self-storage building is now included as an appendix. However, the appendices were not provided for review. It appears that only the approvals, and not the submissions, have been included.

23. *On page III.A.-3, the third paragraph refers to a proposed 56,328-square foot addition of self-storage space. This text is referring to the revised design for the FEIS, which proposes a 33,896-square foot self-storage space addition.*

    6/9/22 conclusion: Comment not addressed. This text is now on page III.A-2 and still states 56,328-square feet.

    8/23/22 conclusion: Comment addressed.

24. *Page III.A.-5 again refers to the FEIS design but states 56,328 square feet of additional storage space. This needs to be corrected to state 33,896 square feet.*

    6/9/22 conclusion: Comment addressed. This text is now on page III.A-3

    8/23/22 conclusion: Comment addressed.

25. *Page III.A.-8 states "The uses proposed for the MAKER zone are clearly aspirational…" This statement should be revised to state "The uses proposed for the MAKER zone reflect the future land use goals of the Village of Mamaroneck and do not reflect existing land use characteristics of the area. While those uses may in time be drawn to the district, the current pattern of land use will likely remain prevalent for the foreseeable future."*

    6/9/22 conclusion: Comment addressed.

26. *On page III.A.-9, the response to Comment A-3 does not discuss the visual impact changes from the revised FEIS design. This should be added to the response, which would more directly address the commenter's concern regarding the mass, height, and urban nature of the building proposed in the DEIS.*

    6/9/22 conclusion: Comment addressed.

27. *Response A-7 on page III.A.-12 states 15,604 square feet of existing old, non-conforming buildings will be razed. This square footage is from the DEIS Plan and needs to be updated to the FEIS Plan of 18,589 square feet, consistent with page I-2.*

    6/9/22 conclusion: Comment addressed.

28. *The following updates should be made to Response A-9 on page III.A.-13*

    a. *State that the existing FAR was presented in the DEIS in Table I.-2 on page I.-7. FEIS Response A-9.*

    b. *FEIS Table III.A-1 should be corrected to state the FEIS Plan proposed FAR is 2.11 and the variance required is 1.11.*

    6/9/22 conclusion: Comment addressed.

29. *Response A-11 on page III.A.-14 should be augmented with the parking information presented in Response H-6 from page III.H.-3 through III.H.-4.*

    6/9/22 conclusion: Comment addressed.

30. *Response A-16 should provide a response regarding the Commenter's mention of a flooding report. The response should indicate that the Hudson Engineering Flood Storage Analysis was included as Figures IV.D-3 and IV.D-5 and Appendix D to the DEIS. The response should also discuss the updated flood storage volume associated with the FEIS Plan.*

    6/9/22 conclusion: Comment not fully addressed.

    a. *The wording in the response that states "…in an earlier comment D-9" should be revised to state "…in comment D-9."*

       8/23/22 conclusion: Comment addressed.

b. *The appendix call that was added should include the appendix letter and clarify that it is an appendix to the DEIS. The response should also indicate that the Hudson Engineering Flood Storage Analysis was included as Figures IV.D-3 and IV.D-5 in the DEIS.*

8/23/22 conclusion: Comment addressed.

31. *Response A-18 on page III.A.-19 should be revised to include information on proposed lighting. This is not currently indicated on any drawings included with the FEIS.*

6/9/22 conclusion: Comment not addressed.

8/23/22 conclusion: Comment addressed. A lighting plan drawing has been added as Figure III.A-2.

32. *In the first sentence of the second paragraph of Response A-21 on page III.A.-21, it should be clarified that the height of portions of the building addition have been reduced.*

6/9/22 conclusion: Comment addressed.

33. *Response A-22 on page III.A.-21 should be expanded to include a discussion of the revised FEIS Plan in terms of reduced visual impact, additional streetscape improvements, and additional uses currently being proposed.*

6/9/22 conclusion: Comment partially addressed. The response should also discuss the proposed uses.

8/23/22 conclusion: Comment addressed.

34. *Response A-23 on page III.A.-22 should also include a cross-reference to the response to comment A-12.*

6/9/22 conclusion: Comment addressed.

35. *The duplication of Table III.A-1 within Response A-9 needs the following corrections:*

a. *"red" should be deleted from the cell providing the existing area.*

b. *The proposed FAR should be updated from 1.91 to 2.11.*

c. *The FAR variance required should be updated from 0.91 to 1.11.*

6/9/22 conclusion: Comment addressed.

36. *Comment A-26 on page III.A.-24 requested that the zoning analysis be broken out to clarify whether the proposed zoning variances were associated with the existing corner building, the proposed addition, or the existing storage building. The response clarifies that the existing corner buildings would be removed, but it does not clarify what variances for the existing self-storage building would remain. This should be updated.*

6/9/22 conclusion: Comment partially addressed. The content that responds to a portion of this comment is now included in response A-30. Therefore, response A-26 should cross-reference response A-30.

8/23/22 conclusion: Comment addressed.

37. *Response A-29 should be augmented to include text indicating how the Net-Zero building features will avoid or reduce the impacts of climate change and rising sea levels should be added. For example, at a minimum, the following text from the DEIS could be added:*

a. *As an all-electric, "net-zero" building, the building will effectively have no carbon footprint. This is perhaps the most definitive measure the Applicant can take to minimize the overall impact on climate change, including sea level rise and flooding.*

6/9/22 conclusion: Comment addressed.

38. *Response A-33 should state the total number of parking spaces that would be required for the manufacturing (woodworking shop) use and the office uses, before considering shared parking. This response should also refer to the updated Traffic and Parking Study, which should be include as an appendix to the FEIS.*

    8/23/22 conclusion: Comment addressed. The updated Traffic and Parking Study appendix has not been provided for review.

39. *The numbering on the response to comment A-37 currently states A-36 and should be updated to A-37.*

    8/23/22 conclusion: Comment addressed.

III.B – NATURAL RESOURCES

No comments on this section.

III.C – HAZARDOUS MATERIALS & PUBLIC HEALTH

40. *Response C-3 should include a discussion of the protocols for encountering an unexpected underground tank or other environmental concern during construction.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment addressed.

41. *In Comment C-7, it is possible the Commenter was referring to groundwater. Therefore, the response should be augmented to discuss potential groundwater impacts and the proposed vapor barrier/sub-slab depressurization system.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment addressed.

42. *Response C-9 on page III.C.-5 should be augmented with a discussion of groundwater results.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment addressed.

43. *Response C-12 should also mention inclusion of the sub-slab depressurization system and vapor barrier.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment addressed.

44. *Response C-14 should be expanded to address the commenter's concern regarding PCBs and VOCs, including whether VOCs results were reported to NYSDEC. Cross-references to Responses C-12 and C-13 should be added. The following two statements from the DEIS could be incorporated:*

    8/23/22 conclusion: Comment not addressed. This is now Response C-15.

    a. *The results of soil sampling for VOCs, SVOCs, TAL metals and PCBs indicate that no petroleum hydrocarbon constituents, metals or PCBs were detected above NYSDEC-RUSCOs for Commercial properties at any of the boring locations where these constituents were tested.*

       8/23/22 conclusion: Comment not addressed.

b. The findings of the Phase I Environmental Assessment recommends that given the likely presence of asbestos, lead paint and PCBs, proper sampling and abatement should be undertaken prior to any future renovations, repairs or demolition.

8/23/22 conclusion: Comment not addressed.

45. Response C-15 needs to be expanded to address the following components from the comment:

a. What fail-safes will be put in place to ensure structural integrity of all surrounding buildings, including the roads and Railroad Way?

8/23/22 conclusion: Comment not addressed. This is now Response C-16.

b. How will excavation on property line impact Railroad Way?

8/23/22 conclusion: Comment not addressed. This is now Response C-16.

c. Is there any way to remediate the existing soil?

8/23/22 conclusion: Comment not addressed. This is now Response C-16.

III.D – FLOODING & FLOOD ZONE IMPACTS

46. Responses D-1 and D-2 on pages III.D.-1 and III.D.-2 should both discuss the updated increase in flood storage volume on the site associated with the FEIS Plan.

6/9/22 conclusion: Comment addressed.

47. Responses D-3 and D-4 should also discuss the further reduction in impervious area and the increase in flood storage volume associated with the FEIS Plan. In addition, the Stormwater Control Facility Maintenance Agreement included as Appendix E to the DEIS could be referenced in these responses.

6/9/22 conclusion: Comment addressed.

48. Response D-6 should be expanded to state that compliance with the building standards under Chapter 186 Flood Damage Prevention of the Village of Mamaroneck Code will be enforced through inspections associated with the Floodplain Development Permit.

6/9/22 conclusion: Comment mostly addressed. The wording "Flood Damage Protection Permit" should be changed to "Floodplain Development Permit."

8/23/22 conclusion: Comment addressed.

49. Response to Comment D-7 on page III.D.-4 should address the question of whether or not the existing storage building is flood zone compliant. The DEIS states on page IV.D-3 "The existing building is not floodproofed and therefore does in fact flood during major rainfall events. Additionally, the proposed building is outfitted with flood vents (as required since it is located in the flood zone) and will also flood during major rainfall events." The responses should clarify the difference between "floodproofed," "flood zone compliant," and "wet flood-proofed buildings" (see Response D-2). It is not clear from these responses whether or not ground floor storage units would flood during heavy rainfall events.

6/9/22 conclusion: Comment addressed. The appendix call should include an appendix letter.

8/23/22 conclusion: The appendix letter should be added to the appendix call; it is presumed the referenced appendix is FEIS Appendix E.

50. Response D-8 on page III.D.-5 should also note the increase in flood storage volume associated with the FEIS Plan.

6/9/22 conclusion: Comment addressed.

51. *Response D-9 on page III.D.-5 should clarify whether this is referring to the Hudson Engineering Flood Storage Analysis (Appendix D from the DEIS). If this appendix was in fact updated, the updated version should be included with the FEIS. The response should indicate the date it was provided to the Village Engineer for review.*

    6/9/22 conclusion: Comment addressed. The appendix call should include an appendix letter.

    8/23/22 conclusion: Based on the revised FEIS Table of Contents, it does not appear that a revised flood storage analysis appendix is included with the FEIS. If there is a revised flood storage analysis beyond what is included as FEIS Figure I-11, then it should be added as an FEIS appendix. If not, then Response D-9 should be revised to remove the reference to an appendix and instead reference FEIS Figure I-11.

52. *Response D-10 indicates the Hudson Engineering Flood Storage Analysis (Appendix D from the DEIS) was revised. The revised appendix should be included with the FEIS and cross-referenced in this response.*

    6/9/22 conclusion: Comment addressed. The appendix call should include an appendix letter.

    8/23/22 conclusion: See conclusion above regarding revised flood storage analysis appendix in comment 51.

53. *Response D-11 on page III.D.-6 refers to text from the DEIS having been corrected: "The text on Page I-11 defining the 500-year floodplain was revised to "0.2% chance of flooding". The text that this response refers to does not exist in the FEIS, the response should be reworded to say "The text on Page 11-1 defining the 500-year floodplain should have read "0.2% chance of flooding.""*

    6/9/22 conclusion: Comment addressed.

54. *Response D-12 should also cross-reference the revised flood storage analysis, which should be included as an appendix to the FEIS.*

    6/9/22 conclusion: Comment addressed. The appendix call should include an appendix letter.

    8/23/22 conclusion: See conclusion above regarding revised flood storage analysis appendix in comment 51.

55. *Responses D-3, D-9, and D-15 through D-17 reference the Kellard Sessions October 1, 2021 memorandum. This should be included in an appendix to the FEIS.*

    8/23/22 conclusion: Comment addressed.

56. *In Response D-13, footnotes 3 and 4 citing the DEIS and FEIS need to be switched.*

    8/23/22 conclusion: Comment addressed.

57. *Response D-18 should include an appendix call for the cited documents.*

    8/23/22 conclusion: Comment addressed.

III.E – HISTORIC RESOURCES

No comments on this section.

III.F – VISUAL RESOURCES

58. *Response F-3 on page III.F.-3 should also discuss the changes in design associated with the FEIS Plan.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment addressed.

59. *In the first sentence of the third paragraph of Response F-4 on page III.F.-4 and Response F-6 on page III.F.-6, it should be clarified that the height of portions of the building addition have been reduced.*

    6/9/22 conclusion: Comment partially addressed. Response F-4 was revised but Response F-6 has not yet been revised.

    8/23/22 conclusion: Comment addressed.

60. *Response F-5 on page III.F.-5 refers the reader to the Site Plan for lighting that will illuminate Railroad Way. However, the Site Plan included as Figure I-1 to the FEIS does not include any lighting information. Proposed lighting should be added to Figure I-1 or a separate lighting figure should be included.*

    6/9/22 conclusion: Comment addressed. The response should be revised to refer the reader to Figures III.F-1 and III.F-3 of the FEIS.

    8/23/22 conclusion: Response F-5 should be revised to include a cross reference to the lighting plan provided as Figure III.A-2. Cross references to Figures III.F-1 and III.F-3 could also be included.

61. *The response to Comment F-7 on page III.F.-6 should also discuss the revised architecture associated with the FEIS Plan.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment addressed.

62. *Response F-8 on pages III.F.-8 through III.F.-9 should be augmented to include a discussion of the visual impacts of the alternatives evaluated and how those alternatives relate to the currently proposed FEIS Plan.*

    6/9/22 conclusion: Comment addressed.

63. *Response F-9 on page III.F.-9 should discuss the architectural changes associated with the FEIS Plan.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment addressed.

64. *Response F-10 on page III.F.-10 should cross-reference another response that discusses the current architectural plan. In addition, this response should discuss (or cross-reference other responses that discuss) the currently proposed mix of uses and increased pedestrian circulation/traffic.*

    6/9/22 conclusion: Comment addressed.

65. *The response to Comment F-11 refers to additional viewpoints from the train tracks and I-95 and refers the reader to Response F-10 in parentheses. Although it may be appropriate to cross-reference Response F-10 within this response, the parenthetical after the additional viewpoints should refer the reader to Figures III.F-2 through III.F-5 of the FEIS.*

    8/23/22 conclusion: Comment not addressed.

III.G - UTILITIES

66. *Although Response G-1 on page III.G.-1 indicates that the correct references for sewage calculations in DEIS Section IV.G and Appendix N should have been NYSDEC's Design Standards for Intermediate Sized Wastewater Treatment Systems (2014), it is unclear whether the calculations prepared for the DEIS relied upon the NYSDEC 1988 Design Standards for Wastewater Treatment Works. This should be clarified in the response. Also, the Response G-1*

mentions DEIS text having been revised, but a revised DEIS has not been provided. A corrected Appendix N should be provided as an appendix to the FEIS and the response revised to note its inclusion.

6/9/22 conclusion: Comment not addressed.

8/23/22 conclusion: Comment addressed.

III.H – TRAFFIC & TRANSPORTATION

67. *Response to Comment H-4 on page III.H.-3 should be revised to describe how the revised plan would function, including the proposed number of loading spaces (3) and the number near a door (1).*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment addressed.

68. *Response to Comment H-5 on page III.H.-3 should be revised to include the proposed loading space width.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment addressed.

69. *Response H-7 on page III.H.-4 states that a truck turning path movement analysis is provided and refers to Figure IV-H-1. There does not appear to be a turning path movement figure included anywhere within the FEIS or its appendices. This should be included, and the figure reference in the response should be corrected.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment not addressed. The FEIS traffic appendix was not provided so it is unknown if this figure is contained there.

70. *Response H-9 should include an appendix letter with the appendix call.*

    8/23/22 conclusion: Comment not addressed.

71. *The table in Response H-10 should be revised to also indicate the number of parking spaces that would be required by the Zoning Code for each use, not just the projected number of spaces needed.*

    8/23/22 conclusion: Comment not addressed. The required numbers are discussed in Response A-33 and should be added to Table H-1.

72. *Responses H-12 and H-13 should include an appendix call.*

    8/23/22 conclusion: Comment not addressed.

III.I – ECONOMIC & FISCAL ANALYSIS

73. *Response I-3 on page III.I-4 should cross-reference the segmentation discussion from Response A-1.*

    6/9/22 conclusion: Comment not addressed.

    8/23/22 conclusion: Comment addressed.

74. *Response I-4 on page III.I-4 through III.I-5 should be augmented to include a discussion of the other uses currently proposed in the FEIS Plan and how those uses would serve the residents/community.*

    6/9/22 conclusion: Comment not addressed.

8/23/22 conclusion: Comment addressed.

75. Response I-5 on page III.I.-5 should also mention the currently proposed vest-pocket park.

6/9/22 conclusion: Comment not addressed.

8/23/22 conclusion: Comment addressed.

III.J – BUILDING DEMOLITION & CONSTRUCTION

76. Response J-1 on page III.J.-1 should also note that the FEIS Plan now involves demolition of all existing buildings with the exception of the current self-storage building.

6/9/22 conclusion: Comment not addressed.

8/23/22 conclusion: Comment addressed.

III.K – MISCELLANEOUS

77. The cross-reference in Response K-4 should be corrected to reference Response K-3, not Response A-3.

8/23/22 conclusion: Comment addressed.

78. The comment and response numbering needs to be corrected beyond Comment K-5.

8/23/22 conclusion: Comment addressed.

79. The response to Comment K-5 should point the reader to where the topographic survey is included in the DEIS and/or FEIS.

8/23/22 conclusion: Comment partially addressed. The revised response indicates the topographic survey is included in the full size plan set accompanying the FEIS submission. However, AKRF did not receive the updated drawing set in digital or hard copy.

80. The site plan approval and Certificate of Occupancy for the existing building should be included in an appendix to the FEIS.

8/23/22 conclusion: Comment addressed. The revised FEIS Table of Contents indicates these files are included as FEIS Appendix E, although they were not provided for review.

CHAPTER IV APPENDIX

81. Pages 9 through 10 of the May 6, 2021 public hearing transcript marked a box of text in green and indicated this comment was labeled as Comment K-2. However, this comment was not included anywhere in FEIS Chapter III. This comment should be added to Section III.K.

6/9/22 conclusion: Comment not addressed. However, since the text marked on the pages noted did not contain a substantive comment that requested further information, no further action is needed.

82. Page 19 of the May 6, 2021 public hearing transcript contains an additional comment from Mr. Neufeld that is not included in Chapter III of the FEIS: "Were the findings here, were they supposed to be reported to the DEC, I'm not sure. I haven't asked that of the consultant but I'm not sure were they supposed to be because sometimes you have to report." This comment should be added to Section III.C and a response should be provided.

6/9/22 conclusion: Comment not addressed.

8/23/22 conclusion: Comment addressed.

83. The revised flood storage analysis should be included within the appendices to the FEIS.

6/9/22 conclusion: Comment not addressed.

8/23/22 conclusion: Comment not addressed. See conclusion regarding revised flood storage analysis appendix in comment 51 above.

ADDITIONAL COMMENTS

AKRF also reviewed the revised FEIS for completeness in regards to the changes requested by the ZBA at the April 26, 2022 work session as summarized in the AKRF memorandum dated June 9, 2022. The previous comments are presented in italics, new and follow-up comments are presented in bold.

1. *The completeness comments from the November 16, 2021, work session were included in the revised FEIS and we recommend that they be removed. The substantive information that was requested by the ZBA should be incorporated into Chapters 1 and 2, and a cover letter indicating how and where those comments were addressed should be provided.*

   Comment not addressed.

2. *The FEIS is the ZBA's document, and the tone of the responses should reflect that. Many of the responses are dismissive of the substantive information that was requested by the ZBA.*

   Comment not addressed.

3. *The ZBA's comments from the November 16, 2021, meeting were primarily related to the following substantive issues and concerns:*

   a. *Segmentation. Several ZBA members raised the concern that the proposed project was segmented from the existing self-storage project, as the Applicant previously contemplated a larger self-storage facility. This comment is sufficiently responded to in the FEIS. The preparation of the DEIS/FEIS for the proposed project cured issues related to the segmentation of the prior project.*

      Comment addressed.

   b. *Flooding. The FEIS inadequately responds to the substantive questions raised by the ZBA with regards to the extent of the flooding that occurred on the Project Site during Hurricane Ida. The ZBA's questions have relevance to the Proposed Project because they speak to establishing an appropriate Base Flood Elevation for the Proposed Project and other flood mitigation measures. Specifically, the FEIS should include the following information within Chapter 2:*

      i. *Height of flood water within the parking lot and the existing buildings during Hurricane Ida.*

         Comment partially addressed. Some Hurricane Ida info is included in Response D-14 on page III.D-8, but the details asked for here in i. through v. are not provided.

      ii. *Whether or not flood water entered the existing self-storage building during Hurricane Ida. If flood water entered the building, the extent of the intrusion should be disclosed.*

         Comment not addressed.

      iii. *Proposed flood mitigation measures that exceed the base requirements of the law.*

         Comment partially addressed.

      iv. *Additional information regarding flooding was provided at the May 31, 2022 worksession. This technical information should be provided in the FEIS.*

Comment partially addressed. The ZBA specially asked for site plans and sections showing the extent of Ida flooding and the BFE of the proposed building. This was not provided.

v. *A diagram showing the 100-year and Ida flood levels in relation to the proposed building elevations should be provided.*

Comment not addressed.

c. *Proposed Woodworking Use. The ZBA noted that the proposed new use had different parking requirements and requested that this be further described in the FEIS. The information included in Response A-33 should be integrated into Chapter 2.*

Comment not addressed.

d. *Hazardous Materials. The ZBA questioned whether or not the Phase I and Phase II studies, as well as proposed mitigation measures, were adequate to address the conditions observed on the site. As discussed at the April 26, 2022, work session, AKRF has reviewed the documentation and proposed mitigation measures and finds that with the proposed mitigation measures in place, the recognized environmental conditions would be adequately addressed. The additional detail provided in the new responses in Section III.C should be integrated into Chapter 2. The transcript from the April 26, 2022 worksession should be included in the FEIS appendices.*

Comment not addressed. The revised appendices was not provided for review.

e. *Visual Impacts. The ZBA asked for additional information regarding the potential visual impacts of the project. The DEIS included architectural plans, elevations, photography, 3-D renderings and photosimulations. The FEIS includes additional viewpoint analyses from the train tracks and I-95. The analyses in the DEIS met the requirements of the Final Scoping Document, and the applicant provided analyses from the additional requested locations. As discussed at the May 31, 2022 worksession, the several of the figures have incorrect backgrounds and should be replaced with the figures shown at the worksession presentation.*

Comment not addressed. Figures III.F-2 and III.F-3 still have the incorrect background (they both show tall urban buildings not in Mamaroneck).

f. *Parking. There were inconsistencies in the document with regards to the number of parking spaces and parking ratios. These were identified in AKRF's completeness review memorandum dated October 26, 2021, and similar questions were raised by the ZBA members. Some of the corrections were made in the current document, however we noted a few places where the corrections were not picked up. These will be noted in AKRF's comments on the current draft FEIS.*

Comment partially addressed (see above comments).

Appendix B

Public Hearing Transcripts

INCORPORATED VILLAGE OF MAMARONECK
HEARING OF THE ZONING BOARD OF APPEALS
APRIL 1, 2021
7:30 o'clock p.m.

B e f o r e:

ROBIN KRAMER,
Chairperson,

MEG YERGIN,

DAVE NEUFELD,

Board Members.

Amber Nowak,
Village Planner

Ashley Ley

* * *

KELLY CULEN
Official Court Reporter

ZBA MAMARONECK

CHAIRWOMAN KRAMER: This is the application, Ms. Culen, that I believe you were called for, so we are opening the public hearing on the Draft Environmental Impact Statement for 15 8 20 18 416 Waverly Avenue.

Our planning consultant is going to sort of introduce it and tell us, tell the public what we're here and what they can do and what we're here for.

Ashley?

MS. LEY: Sure, so I am just going to share my screen. So this is an overview of the SEQRA process, and where we are the application was typed as an unlisted action, and the Zoning Board of Appeals issued a positive declaration a few months -- almost a year ago now.

Scoping was conducted and the applicant prepared a draft environmental impact statement. That document was accepted as complete for

public review back in February with some conditions. The final document was submitted to the Village in March, and it's been posted on the Village's website and has been available for public review. A notice of completion was circulated to all of the involved and interested agencies. So now where we are is the public hearing on the DEIS. We will be taking public comments on what the contents of the DEIS and the technical analyses that are contained therein. It is not on the variance application, although that is covered within the DEIS, but this is really more about the potential environmental impacts of the project and how they are assessed in the DEIS.

The earliest that the public hearing can be closed is -- we can close the verbal portion tonight, but the written portion would need to stay open until April 19. If you chose to leave the oral portion open, the

written portion would then close ten days after whatever day you end up closing the oral portion of the public hearing. Once the public hearing and the public comment period is closed, the applicant will go back and prepare what's called a final environmental impact statement, and that will respond to all of the comments that were received on the DIEF. That document will then be presented to the Zoning Board of Appeals for review, and that document is the lead agency's document. So that document will be one that you have to agree with all the findings in.

Once that document is accepted as complete, you then proceed to making your findings and that would end the SEQRA process, and from that point all of the involved and interested agencies would be able to make their decisions on the application.

I believe that the applicant wants to make a brief --

ZBA MAMARONECK

BOARD MEMBER YERGIN: I just have a question.

I understand that this is an opportunity for the public to speak. Is this also a chance for us to speak on the quality of the information or the impact -- how we feel that it would be impactful to the environment?

MS. LEY: Yes. So the last few months they have been doing what's called the completeness review of the document where you're just saying whether or not the information that was in the DEIS was enough for the public to have enough information to comment on the project. Where you are now is the substantive review. So if you have a substantive comment on the technical analysis, this would be the time to raise it so that they can address it in the final environmental document.

So I believe that the applicant was going to do a brief presentation, so whoever from the applicant's team

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wants to do that, if you raise your hand.

MR. GIOFFRE: Good evening.

Ms. Ley, are you ready for me to proceed?

MS. LEY: Yes.

MR. GIOFFRE: Good evening Chairwoman Kramer and members of board. For the record, my name is Tony Gioffre.

Ms. Culen, you are here for this application, and you do not need to transcribe the rest of the meeting after this agenda item is completed this evening, so thank you for your attendance.

This application is submitted on behalf of East Coast North Properties L.L.C. and involves the premises located at 416 Waverly Avenue. This application proposes the development of a four-story addition to an existing self-storage facility that was completed in 2015. The proposed

addition would accommodate 321 additional storage units, 700 square feet of retail space for the sale of retail goods and 25 associated parking spaces.

Applications in support of this project were submitted in May of 2018 and included a site plan application, a variance application, an LWRP consistency review as well as a flood development permit. The project site is comprised of a little over one acre parcel and is classified in an M1 manufacturing district, and self-storage use is a permitted use within that district.

The property lies within the heart of the Village's industrial area, as is defined in the comprehensive plan.

The site and the majority of the parcel surrounding the site are classified as a manufacturing, industrial and a warehousing.

ZBA MAMARONECK

The site is bounded by Waverly Avenue to the west, Fenimore to the north and a CSX Railroad spur to the east.

Surrounding land uses include industrial, warehousing, office, auto related and multifamily residential uses.

The site is currently improved with a three-story farm which is proposed to be demolished; a two-story building over covered parking area, which is proposed to be demolished; a two-story concrete block structure that currently houses the offices of the Murphy Brothers Contracting business, which is proposed to be demolished; a two story stucco building that is proposed to be renovated and used as the Murphy Brothers Contracting office, as well as a self-storage building that is on the premise that this board previously evaluated and approved variances for.

ZBA MAMARONECK

The site supports the existing self-storage use and facility, the Murphy Brothers Contracting office and seven contractor spaces.

The existing self-storage building has been operational for over five years and is known as the Local Storage Solution. There has been a demand for additional storage space. It has been recognized for its green and environmentally responsible construction and design, and the building has won numerous awards including a Best Green Commercial Building, the Best of BOMA, Westchester County Signature Award and the Westchester County 2017 Earth Day award.

The proposed project presents a unique opportunity to redevelop the property and enhance the existing self-storage facility and use that will benefit the community. As part of the application, the applicant proposes to

renovate one of the existing two-story buildings on the property to relocate the Murphy Brothers Contracting office.

Importantly, and as I mentioned, the plan also includes the demolition and removal of three existing buildings on the premises and the elimination of seven contractor spaces and the removal of construction equipment storage.

The proposed self-storage addition consists of a 56,328 square foot addition, 321 additional storage units, 700 square feet of retail space and a reconfigured parking lot of 25 parking spaces.

The premises is classified in the M1 district where the proposed use and the proposed project is a permitted use. The proposal is consistent with the Village's comprehensive plan, the Waverly Avenue Design Study, the Maker Zone, which supports mix uses in the M1 manufacturing district, beyond its traditional uses and low impact

industrial uses.

While there are variances that are required as part of this application, this proposal will provide a number of benefits including providing a valuable service to the community. The need for self-storage in the community has increased significantly. It's now viewed as a necessity for homeowners and renters, and we note the new rental developments within the community. The existing self-storage facility is at capacity, and we submit a feasibility study to support that contention and their need is expected to grow.

As I mentioned, there will be the elimination of existing contractor storage and office uses, which will have the effective reduction of traffic and noise. There will be the elimination of a number of dilapidated buildings and outdoor storage racks, and this proposal involves a green

self-storage building.

There will be landscaping enhancements and improvements to the street scape which are encouraged in the comprehensive planning for a deep rainwater garden along Fenimore, the addition of a decorative bench, street trees and shallow planting beds with pollinators.

There will be the elimination of five bathrooms, two service sinks and one kitchen sink which will reduce water use on the premises.

The project also proposes new storm water maintenance system that will significantly reduce storm water impacts and flooding. This is something that is also encouraged in the comprehensive plan.

The proposal will reduce traffic flow to and from the property through the reduction on the property also including a low traffic generator of the self-storage use. There will be

improved traffic flow and safety through the elimination of two curb cuts in the redesign of the area.

There will be a reduction in the existing and pertinent surface on-site, and this proposal will foster renewal energy and energy efficiencies through the installation of a solar panel system that will provide clean energy to approximately fifty Mamaroneck residents.

Self-storage uses use very little energy. The new addition will be more energy efficient than a standard storage building and be 50 percent more efficient than New York State Building Code requirements.

There will be enhanced LED lighting and improved lighting design.

There will be tax revenues to the Village and school district with little to no impact on Village resources, emergency services or the local school district; not to mention

that the construction will involve at least 200 local tradespeople.

We submitted a significant amount of information and the DEIS was a lot of information for the board and the community to evaluate, and we look forward to your comments so we can incorporate any of your comments in the FEIS.

Thank you very much.

CHAIRWOMAN KRAMER: Okay, I guess then we will open this to the public or tonight, members of the Board, if you have any comments based on what Ashley said, if you have any comments on the DEIS, speak now please.

Meg, did you have something?

BOARD MEMBER YERGIN: I do have comments. I was going to wait to see if there was anybody from the public but otherwise I'll start.

CHAIRWOMAN KRAMER: We usually take board members first.

BOARD MEMBER YERGIN: Okay. I

have a list of things of what I found -- that I found. I don't think it's accurate, and I have some questions as well.

So one is that they discuss about that this is a benefit because it will demolish a dilapidated barn. I just wanted to point out that I have no problem with the design of the barn and the building. I feel that it is actually dilapidated because the property owners have not maintained it or painted it and that's the same people who are going to be putting up a mammoth storage facility. So I don't think in and of itself it is a terrible building. It is just that the property owners allowed it to be degraded, and I wanted to make that point. That if you degrade something on purpose, then you can use it as a benefit now for a different use.

Also, they describe the new building as fitting seamlessly --

integrating seamlessly with the self-storage building that's there currently. It looks like it will all be one piece, and I realize that back in -- I know the resolution was passed in 2013. I don't know if that's when the original project was submitted, but, originally, the applicant was looking for a much larger project back in 2012 or 2013, and the board turned them down, and now they're coming back to build that extra piece of the project that was actually, in my understanding, the board rejected. So this definitely seems like segmentation to me. When I see that, it actually fits seamlessly into the other building; they're not even trying to pretend it is a different building.

Also, when they talk about that as it is in line with the Maker zone. My understanding of the Maker zone is to increase night life and pedestrian traffic and, actually, to move away

from big warehouses and self-storage, so I think that's an inaccurate statement. I know that it is a permitted use as right now in the code but I don't believe that is in line with what the Maker zone had said.

All right, sorry, I'm looking at my notes here.

Then I also had some questions about the borings. Now when we get to the borings, the soil borings that were taken, and I realize I understand that there was a total of nine borings that were done, and yet we only have information about six of them. I don't know what happened to boring No. 2, No. 4 and No. 8.

So those of you how are reading the document, you can see there's quite a lot of talk about there's tables with what was found in the other borings holes in the soil, and you can see that there were nine and we never hear about three of them. So I wonder why we're

not hearing what were the results or were those -- were the results of those borings analyzed?

I do know that there were two tanks that broke with hazardous materials in the past. I wondered where they were located on the lot and if that was anywhere close to where these boring samples that we don't know anything about were located.

And then I have some questions about the flooding, and what I don't understand -- I understand that the building is going to be built on slabs, so it's merely being built just on top of the ground and on slabs. I suppose then that -- I couldn't see and I didn't understand is there any gates for flooding? Is the water just displaced? Is it going to be a stone slab and then the building put on top?

Because in my mind, it's really quite expansive this building. It takes up the entire width, if you want

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to call it, of the lot, pretty much when it's added to the other building. I think that would basically prove to just displace the water. In my mind, it's like putting something in the bathtub and all the water would spill out, so I understand that they are going to put pervious surface there so eventually things will drip down. Things evaporate, but during an actual flooding event, I don't think you can rely on it will all go down into the ground, and I do feel that the slab structure without any other way of allowing the water to move across the lot will just displace it, and I think it's a little bit of a rise in the area and it will probably push the water down into neighboring lots.

And then in the end, I appreciate the additional renderings that were added from the very first draft of the DEIS and I have to say that I feel that that is an enormous

impact on visually on the neighborhood, that there is no other kind of warehouse that takes over a property like that, that it is the combination of the mass and the height. It has an enormous [inaudible] on the lot and in my mind, I realize there's industrial purposes and they're not super attractive purposes in the industrial area, yet none of them are of that size. When they get to be this size, in my mind, it's turning it into an urban type of feeling in the community. It's taking away from the sense of a Village that has an area where there's some contractors and there's car repair and there is some warehousing to a certain extent but it's of a smaller nature. When I see this kind of size of a structure, it definitely seems to be -- tending to be an urban environment rather than a village environment.

So that's my list of comments

that I wanted to make.

CHAIRWOMAN KRAMER: Thanks Meg, good comments.

Dave, do you have anything you want to add?

BOARD MEMBER NEUFELD: Yeah, I'll start with from the time I came back to this Board, I've been asking for a full copy of the DEIS, repeatedly, in writing, on the telephone. I finally went over and I said I will come over to get one, and what I got was about, oh, looks like about three quarters -- half inch of paper, but it doesn't include all of the pertinent information and the schedules and everything. I have not read them. I was told that I could access them. There are thousands of pages of them. I don't have the ability. I couldn't pull it off the system. I need it. I want a copy, and I brought that up at the last meeting and I said I wanted it so that I can

review it because the tables usually have a lot to do with this.

So, obviously, my preference would be, and I certainly repeat my request. If I'm -- that's not gonna be the basis for my vote because I don't want to be unfair to anybody but I need to see it and I would hope that we would stay open particularly since there are two members not here.

Given more substantively, I want to clarify one thing that came up and they talked about this being an addition and this is a new thing and the other thing was approved before. Let's just go back a little bit.

First application made on this property which I'm aware, obviously there may have been others, concerned a permit to build a building about the size of the existing building plus what they have proposed.

The board issued a positive declaration which was issued in an ENB,

the Environmental Notice Bulletin at the time, and went not to what it had gotten to.

At that point shortly thereafter the application was withdrawn or abandoned and in lay of it, they cut the project significantly. I think about 50 percent, I'm not gonna just mention square footage, but about half. And that's where they went and that was not paused at.

Now they're back to take the second half, and to me, that's probably what we would call segmentation about as clear as you can be. Moreover, not only is it just not a question of segmenting but to suggest that it is not impacting the first building is silly because even if it hadn't been a segmentation of the application initially, the buildings are being integrated into one. There's structural changes on both, and they're all going to be integrated. The new

site, the whole area, the parking, et cetera.

So I think it's not fair to characterize it nor have I ever heard this characterized as an addition. It is a structural change of the area. It is basically going back to, and I don't know if the planners have looked at this, the original application which was probably about what, you mentioned it earlier, about five years ago, something like that. So I think it was that. So they filled up the first and now they're going to bootstrap. I think that's the segmentation concern.

As far as my other comments go, without having the data and the detail, obviously, I have seen the pictures and I have seen the site, I think the visual concerns are extraordinary. I think it changes the qualitative aspect to a town or a village or a hamlet when you come in, it's a very different structure. I don't think -- I may be

wrong, I don't think the high school is of that magnitude, maybe I'm wrong on that, but certainly for a size of this -- for a land parcel like that, it's extraordinary building both in terms of height, dimension and mass.

Another concern I've had, I've always had and brought up earlier on this when I was on the board when this was part of tech [sic] the second time as well as the first is the concern about testing. Testing meaning for contaminants in the water, et cetera, which flow. Concerned because, A, I know that the DEC had assigned an engineer to be in charge of the area because there was several sites, and I had the names at the time of the individuals because this was in an area where the applicant acknowledges that there has been some concerns with funded -- sites that were funded for correction and removal of contamination. But I was concerned

with the fact that the applicant never had a test made, according to what they had said, although when they built the building, there were never any soil tests. And to be very frank with everybody, that sort of concerns me as a blind eye approach because you're gonna put that money into a building, as they have done, it's there, it's -- I heard it is full and operational, you think they would have done those tests, and I'm concerned as to why they weren't.

So I posed the question when this was once heard by us recently -- I guess not that recently but a couple of years ago, how do you go about finding out where to test? Because that's the key. You have to know where to test, and I think locating the areas of testing is very important. I would like to know how they found those areas.

I know I once proposed that an

engineer had to be designated to explain why they picked it. And then who selected and what were the actual findings? Because when I read phrases, and I haven't seen the test data, but I saw something about well, you know, some areas are within reach, some are not, there are some things that are mostly it's okay, there are hydrocarbons, the question is you need more than that.

(Whereupon, a phone is ringing and disrupting the Zoom call.)

MR. NEUFELD: Hold on, sorry about that. The phone rings here. I suppose it is better than flushing the toilet as some people have done.

I think it really comes down to I'm interested in the tests and the results. Because -- particularly because of the water in the area because it's not a matter of the contaminants to remaining stable, for example in dredging situations often

when you dredge, you take materials, hazardous waste that is has been embedded, and you actually can create more of a problem by circulating it than creating it to being infused with other materials in the water. So I'm very concerned about that. I don't know if there was any coordination done with the DEC, that's it.

So basically my concern is at this point without having read the data or the full reports are the testing, the visual, the segmentation, the coordination with DEC on this. And one last thing and that is what is going to be left there? Because I was always baffled. I had thought they were going to be removing a lot of the extra buildings as part of the first building, but I was incorrect on that or it wasn't complied with or I was just probably incorrect, but what's going to be left here? And how does that impact the property? Because this

is by, anyone's standard, if you take this amount of land and you look at that amount of structural improvement, I would be hard-pressed to find anything close to it in Mamaroneck or adjacent communities, so it's obviously a very serious concern.

That's my initial comments.

CHAIRWOMAN KRAMER: Okay, let me make my comments then before we go on. I have relatively few to add. The first has to do with the size. I think this project is enormous. I think it looks enormous in its setting. I don't think -- I think that the attempt in the DEIS to explain why this is consistent with the area and everything else, I think there was something, oh, it's not the biggest building in the village. Maybe not, but it's the largest in this area. It is the most solid in terms of the way the structure looks, and, therefore, I think the visual impact is enormous. I do not

think that the DEIS really gave it enough consideration.

The second thing is there's a lot of discussion about need for this because people -- now it's clear that the people need storage, and I know that in early on there was a showed how many residents were from the Village of Mamaroneck, but it actually wasn't residents of the Village of Mamaroneck; I think it was based on the zip code and it's a little -- was a little -- two zip codes, and as I recall, I didn't get the sense -- two things:

First of all, I'm not sure why just because you live in the Village of Mamaroneck you need to have your storage in the Village of Mamaroneck. I don't think that there's any need -- necessarily a need for storage facility in the Village of Mamaroneck. So I don't think you dealt with that question at all well.

I will say that when I lived in

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Manhattan I had our storage in -- we had our storage in Queens, and now that we live in Mamaroneck we have our storage in Yonkers. I see no need to have our storage facility in Mamaroneck nor do I think there is something inherently necessary about having a storage facility in the same Village that you live in.

And my final comment is really on the overall. When you first -- when this was first coming to the Board, we made it very clear to the applicant that all of the board members needed hard copies, and so we were each given two volumes. One had all of the appendices, and one had the material itself.

Subsequent to that, and this is not the applicant's fault, I certainly asked the Village planner whether or not we needed to keep all of that and they said no, we would be getting complete new information and I threw

out -- actually, I recycled all of the paper because there was an awful lot of paper and used it for all of my home printing during the COVID era. We never got a complete. You kept sending us piecemeal pieces, and as Dave points out, we got some of them in hard copy. We didn't get the rest. I do not believe it is acceptable for you to have done it only on line. I think that is an unacceptable way to submit it. I think it is impossible for people on their home screens to sit on my screen, what is it, thirteen inches? Very difficult to read anything nor am I gonna print it out on my own computer. I think the applicant should have provided a complete new copy of everything. It was so clear to the applicant that this had to be hard copy.

I will tell you that when it is time for your final EIS you must provide an entire hard copy for every

single board member and make sure that they get it. So those are my additional comments.

Now we will open it up to the public.

BOARD MEMBER YERGIN: I have just one more really quick one.

CHAIRWOMAN KRAMER: Go ahead, go ahead.

BOARD MEMBER YERGIN: Also the DEIS they talked about it needed to be a certain size because if it wasn't a certain size, it wouldn't be profitable, and I'm thinking -- they seem to be then was the one building that they have, the one building is that not profitable for them? That I think they're slightly somewhat disingenuous then when they went ahead and built that one. If that is not enough for them to make a profit and they need this extraordinary size added to it, then that's definitely segmentation because you always knew

you weren't making enough money with the first one and you were just waiting around to make the second one. You did that because, I would assume, that it's been operating I believe for seven plus years that you have been making a profit, and so I think that that statement doesn't make sense to me that you need this mammoth building otherwise you wouldn't be able to make a profit. That's self-served. You would definitely make more, but that's the necessity for that size.

CHAIRWOMAN KRAMER: Okay. All right, so, Ashley, did you have something to say?

MS. LEY: I want to touch on a couple of things, so there are hard copies of the DEIS Volume 1 available at Amber's office for each board member. So those are available.

The appendices oftentimes is provided on a CD or junk drive because they tend to have a lot of paper.

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That's not something that board members read like all of the traffic reports, for example, however, I'm sure they can provide those copies. I know there is at least one available in the office.

So, Dave, if you want to pick that up from Amber.

BOARD MEMBER NEUFELD: This is what I got. This is exactly what I received, and I picked it up. That's all. And it's not your fault; I've been asking the applicant. At the last meeting I made it clear, the Chair made it clear. I don't know. It's hard to spot these things though, yeah.

MS. LEY: The Phase 1 -- the full Phase 1 and the full Phase 2 are contained in the appendices.

BOARD MEMBER NEUFELD: Okay.

MS. LEY: And the Phase 2 testing locations were based on the analysis in the Phase 1, and I'm sure that will be -- you will be able to look it and see it in the appendices

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but it also will be explained in the DEIS.

BOARD MEMBER NEUFELD: Certainly, great.

CHAIRWOMAN KRAMER: Okay, is there anyone from the public who wishes to discuss this -- not the applicant. This is the DEIS only. We're not discussing the variance itself right now. Just the DEIS.

MS. LEY: You can use the "raise your hand" feature or the chat box to ask a question.

CHAIRWOMAN KRAMER: Nobody seems to be raising their hand or asking questions.

Do see anything, Ashley?

MS. LEY: I don't see any hands raised.

CHAIRWOMAN KRAMER: Anybody else out there?

BOARD MEMBER YERGIN: Anybody out there?

CHAIRWOMAN KRAMER: There are a

lot of people on the attending, more than usual, so I don't know, maybe they're all representatives of the applicant. There doesn't seem to be anybody. Okay.

So Ashley what happens now? Just giving us our --

MS. LEY: Your choice is either to close the oral portion of the public hearing and then the written comment period would end on April 19, so the board members that are not present tonight will be able to submit written comments before that date, or you can keep the oral portion open until the next meeting, and then close it at the next meeting.

It seems like there might not be many comments from the public pending, so it's really whether or not board members will be able to submit their written comments in that time frame.

CHAIRWOMAN KRAMER: Meg and Dave, what do you think? I mean, Dave,

will you be able to get the hard copies, assuming that they're there, in fact, the entire copy but not the appendices?

BOARD MEMBER NEUFELD: The appendices is what I want.

MS. LEY: I can get them from Amber. Amber has a hard copy.

BOARD MEMBER NEUFELD: That's fine, thank you, and that's the latest one, and, I guess, the latest copy I got, the only copy I got when I picked it up, was dated January; is that correct?

CHAIRWOMAN KRAMER: It wasn't a complete amendment.

VILLAGE PLANNER NOWAK: We received documents yesterday that were actually from Cuddy & Feder that they dropped them off.

BOARD MEMBER NEUFELD: What did you receive?

VILLAGE PLANNER NOWAK: Finders of the documents.

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Dave, I actually didn't hear from you requesting -- today, did you speak with Barbara in the office today?

BOARD MEMBER NEUFELD: No, it wasn't today. It was from a week after I was on the board, about three months ago, I guess, three months or so, and it was at a meeting. Two meetings I asked for it, including the last meeting. I have been asking. I could have begged, but I've been asking and, actually, when I did call, they -- no one here -- but came down stairs and handed it to me, handed some papers, and I said, okay, this is it, this is the whole thing? Oh, absolutely, and, I says, well, okay, and it's not. It's obvious to me it's not.

MR. GIOFFRE: Madam Chair, if I can just offer something in response just to flush out something Ms. Nowak indicated.

We did submit full copies of the binders by Federal Express in

accordance with the appropriate time frames. For some reason they were returned to our planners office. We only received them back from Fed Ex two days ago, so we arranged to have them hand delivered to the office yesterday. So we complied. There was an issue with Fed Ex, so the applicant will respectfully request, particularly given there are no comments from the public, that you close the oral portion of the hearing this evening. You do have the copies that Mr. Neufeld and others may be looking for, and you have more than two weeks to provide additional written comments for the record.

CHAIRWOMAN KRAMER: Okay. Meg, what are your thoughts about this?

BOARD MEMBER YERGIN: How about the other board members that are not here? They would have the opportunity to provide written comments as well as us?

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CHAIRWOMAN KRAMER: Until the 19th, and you can provide more written comments.

BOARD MEMBER NEUFELD: Yeah, my comment would be this, that I think it's irregular and improper. I'm sorry that they didn't get here on time, and I'm glad that the applicant made an effort, and we can throw Federal Express under the bus, but, in the meantime, what I think is appropriate is for everyone to get their copy and their procedures and deal with it at the next meeting.

I'm certainly not in a position to get the materials and read them because I'm away for a week, which is the last time I can push back a credit for a lost trip a year ago, and so I mean I would like to put it over, and we have two members not here who we know haven't seen the binder because they just got delivered. So I think --

I mean, I understand it was

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no-fault. It's Federal Express' fault and not anyone else's but probably the --

MR. GIOFFRE: What --

BOARD MEMBER NEUFELD: Be that as it may, we shouldn't just say, okay, the whole process just gets quickly set aside and this is the first hearing on this, and I say we can close it up at the next meeting. That's my approach.

CHAIRWOMAN KRAMER: Mr. Gioffre?

MR. GIOFFRE: Thank you, Madam Chair, as a compromise, given there's no comments from the public and no one has appeared, can we close the oral portion of the hearing this evening and you can extend the time beyond the 19th? You can give thirty days to provide additional comments. That would afford Mr. Neufeld and other board members additional time to provide the written comments.

BOARD MEMBER NEUFELD: I think, if I can respond, I appreciate that and

that's very gracious of you, but on the other hand, it doesn't impact you if noting is closed. It seems a lot more it's a lot easier to just comment on it at the time at a hearing as opposed to now we have to --

MR. GIOFFRE: There's additional expenses in us appearing. There's additional expenses with the court reporter so --

CHAIRWOMAN KRAMER: Let me ask a question for Ashley so that we understand. If we do not close the oral portion till today, if we don't close the oral portion today, and we keep the oral portion open until the next meeting, would they necessary -- would the applicant then necessarily have the additional whatever time period it is, the statutory time period? So it wouldn't be closed on May whatever it is, 6th or whatever the date?

MS. LEY: It would be ten days

after that. They have to allow a ten-day written comment period following close of the oral portion.

CHAIRWOMAN KRAMER: Okay. So I think that's why, I guess, you want to close the oral portion today?

MR. GIOFFRE: Right. And, again, the public had an opportunity to speak. We close the oral portion, and you can keep the written portion open longer for 30 days. That's a significant period of time, and this way we wouldn't have to be pushed further along, and we wouldn't have the expenses of going to an additional public hearing next month, and it certainly affords the two board members that are not here a significant period of time to provide comments and, certainly, Mr. Neufeld to provide comments.

MS. LEY: Just to be clear, the Village did receive the digital copy on time and it was posted on the website

that day, so it has been available to the public since the middle of March. It's right on the ZBA --

CHAIRWOMAN KRAMER: Meg, what are your thoughts on closing? Either two choices, I would say two things, either we close the oral portion today and leave the written portion open for 30 days or we don't close anything today, and we extend the hearing until the next?

BOARD MEMBER YERGIN: I think Dave really was not able to review this. I think it's good to make comments publicly. We don't know that if we don't keep it open when Dave makes his comments publicly that there will be other -- then the public can hear them. I know we can have written comments but the public cannot respond and since we don't have two board members here to voice their opinion on this right now, I would say that we keep it open.

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CHAIRWOMAN KRAMER: Given that, Mr. Gioffre, you're not going to get three votes to close the hearing today, I think the hearing is going to be left open until the next meeting.

BOARD MEMBER NEUFELD: It will also be video, correct, so he doesn't have to come here, correct?

CHAIRWOMAN KRAMER: I'm sorry?

BOARD MEMBER NEUFELD: The next meeting will be Zoom as well, correct?

CHAIRWOMAN KRAMER: The same way. We're still in Zoom.

BOARD MEMBER NEUFELD: I understand.

CHAIRWOMAN KRAMER: Assuming the governor continues to extend that Executive Order another thirty days, and at this point, given the COVID numbers are up, I do not see any reason that he will not be extending it, you know, for a while longer yet.

Okay. So then, I guess, we are adjourning it. The public hearing is

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adjourned until the next meeting.

MR. GIOFFRE: Can that be to a date certain, Madam Chair, please?

CHAIRWOMAN KRAMER: It is a date certain. The next date of the next public hearing is May 6th.

MR. GIOFFRE: Thank you very much.

CHAIRWOMAN KRAMER: Okay.

BOARD MEMBER NEUFELD: Which office should I go to to pick up the DEIS and schedules?

VILLAGE PLANNER NOWAK: You should send an e-mail to me.

[Time noted: 7:59 P.M.]

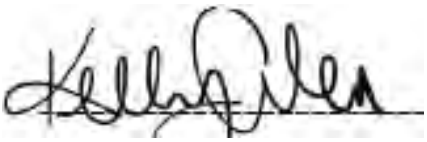
CERTIFICATION

I, Kelly Culen, a Notary Public for and within the State of New York, do hereby certify:

That the witness whose testimony as herein set forth, was duly sworn by me; and that the within transcript is a true record of the testimony given by said witness.

I further certify that I am not related to any of the parties to this action by blood or marriage, and that I am in no way interested in the outcome of this matter.

IN WITNESS WHEREOF, I have hereunto set my hand this 27th day of April, 2021.



Kelly Culen

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ZONING BOARD

Held on Thursday, May 6, 2021

VILLAGE OF MAMARONECK

Zoom conference

7:00 p.m.

A P P E A R A N C E S :

Meg Yergin	Member (December 2022)
Abigail Roberts	Member (December 2024)
Robin Kramer	Chair (December 2021)
Gretta Heaney	Member (December 2023)
David Neufeld	Member (December 2025)
Ashley Ley	
Charles Gottlieb	

(Time noted: 7:07 p.m.)

CHAIRWOMAN KRAMER: Do you see there's a court reporter? As of now, I'll open it again to the public.

Are there any members of the public who wish to comment on the DEIS4 416 Waverly Avenue? If so, please indicate, raise your hand, or otherwise indicate.

MS. LEY: There are three people with their hands raised. Let me start with the order that they're appearing in the box.

CHAIRWOMAN KRAMER: That's fine.

MS. LEY: Stuart, you are allowed to speak.

SPEAKER STUART: I was actually just greeting you initially, so it had my hand raised so that's not the matter which I wish to speak about.

CHAIRWOMAN KRAMER: So, you have no comment on the DEIS?

SPEAKER STUART: No.

Thank you.

MS. LEY: Andrew Spatz.

SPEAKER SPATZ: Good evening, Chair, members of the zoning board of appeals. Can

you hear me? I know I can't be seen when we're making public comments but as long as you can hear me.

CHAIRWOMAN KRAMER: Yes.

SPEAKER SPATZ: Great.

Good evening. My name is Andrew Spatz. Just for the record, I want to make it very clear that this evening I'm speaking not as a co-chair of the industrial advisory committee of the Village of Mamaroneck, which I co-chair. I'm actually speaking as owners of 500 Fenamore and 520 Fenamore, which abuts the property that we're discussing this evening on the DEIS.

As indicated, we own the property adjoining the site where the proposed project for expansion is located. And, obviously, as expressed during course of previous presentations and based upon our immediate location to the proposed development, it was imperative to assure that the issues of flooding, runoff, and continued ingress/egress along Railroad Way both to vehicular, tractor trailer, and railroad use were addressed in the DEIS.

Based upon the representations made by the

applicant and its consultant in the material provided to date, it appears that the nature of the concerns have been addressed and I want to break these down specifically the traffic and transportation Chapter 4.H. It was absolutely imperative there were assurances at the intersection of Fenamore Road and Railroad Way would not be blocked during business hours thereby assuring the flow of traffic by vehicles and tractor trailers making deliveries and pickup for all of the building and properties located along Railroad Way.

There was a letter dated February 19, 2019 from Cuddy and Feder which proposed that the hours of construction would be from 8:00 a.m. to 6:00 p.m. Monday through Saturday. Obviously, with the applicant coordinating in advance with the building department, we feel very confident that the intersection and egress and access to Railroad Way would remain open so that the businesses could receive their shipments from these large tractor trailers. There was also reference to the removal of a curb cut near a barn, which we don't oppose. This is also made reference to in the DEIS as

long as no additional obstructions were installed. Again, the access is absolutely imperative from Finamore Road into Railroad Way, that's how the vehicles go from I-95 and gain access to all the buildings along Railroad Way. And it indicated nothing in the applicant's reports indicated that they were going to replace that curb with anything that can serve as an obstruction to the traffic and transportation.

Communication that would be held with CSX Realm, this is absolutely imperative in advance of any construction as we do have active railroads that rail cars that come in late at night. The applicant addressed these issues during construction. The applicant would enure that no impedance were placed in the required clearance envelope which was discussed and relayed in the DEIS, and also it would not interfere with the CSX crews operating on those tracks. Unfortunately, on that strip, if you've actually been down there, you can imagine having a railroad car, an engine I should say, very, very little room for error, but the applicant was very proactive. They

reached out to CSX and they also made references that the representations that they would be in contact with the CSX train master prior to construction to ensure that the crews were aware that there was construction ongoing.

Obviously, the applicant would adhere to any and all identifications that would be required by CSX because that were in proximity to an active railroad, there's also control devices and mechanisms for those tracks. The report, I understand, indicates that they will also take adequate measures to address the shoring and stability of the railroad tracks in advance of construction commencing. That is actually pursuant to the CSX design and construction standard specifications. I'm not sure if this committee or I should say this board was actually in receipt of the standards but in any event it was made reference to by the reports by Cuddy and Feder that would be most impacted by runoff, flooding, change of grade, it would be me and/or my buildings located that abuts this. The applicant represents that there is a reduction in the total impervious surfaces at the premises. And

we're going to rely on the guidance provided by the consultants that they have utilized as well as the village's consultants with regards to the efficiency of the storm water retention and storage of storm water that's installed at the property. And equally as important will be the determination that the existing municipal infrastructure would be able to accommodate the runoff water per the rates that were reflected in the reports provided by the applicant and their consultants. And, obviously chair and members of the zoning board will defer and rely on the consultants' guidance that the project with respect to the regrading proposed will not result in a net increase of runoff from the property that could contribute additional ponding and standing water not only on Finamore Road but also on Railroad Way. I do know that I saw in the reports that that was addressed.

Finally, we were concerned and this was also made reference to during one of your meetings was the lighting. Efforts that were to be taken to avoid on alley effect because with the increase in heights, again, if you were down on Railroad Way, and if indeed that

plan comes to fruition, it would absolutely create a canyon effect and the additional lighting would alleviate, especially in the winter and fall months when the sun sets earlier, would provide more of a welcoming more environment, which we would certainly appreciate, and the applicant has taken that into consideration and we appreciate that.

Obviously, chair and members of the zoning board with any large projects, there are always concerns with regards to short-term and long-term ramifications.

I will say this, candidly, I was very dubious when this project first started several years ago and we were concerned. Those concerns were addressed. It appears that the applicant has worked diligently to arrive at a concept tat will enhance the industrial area and address the environmental and logistical concerns that my family has expressed to this board and the planning board in the past and obviously as a community, we feel that this would serve as an opportunity to enhance and rejuvenate the industrial area especially in light of the unprecedented local and global

events that will further encourage growth employment and versatile uses in the area.

I thank this committee for doing its due diligence -- I apologize -- to the board for doing their due diligence and counsel is on the -- I see counsel for the applicant. We thank the applicant. Because, again, we were very concerned and they have worked with us to address these concerns. And we will certainly defer to the experts and the consultas who have really done a great job addressing the nature of our concerns.

Thank you for the time this evening and look forward to seeing how this transpires in the future.

Thank you.

CHAIRWOMAN KRAMER: Who else, Ashley?

MS. LEY: Sue McCrory.

MS. MCRORY: Hi. My name is Sue McCrory. I'm not within the notice area for this property but am concerned about flood zone compliance and what's going be done. It's a very, very large building in an area that floods historically. And I went through the DEIS and the material -- the materials.

There's some misinformation there and I think there's some missing information there.

The misinformation involves the DEIS calling minimum flood zone rules mitigation. Minimum flood zone rules have to met, they're not mitigation efforts so I felt that that was misrepresentative. There something in the EIS that said the owners needed flood insurance. My understanding is there's not a requirement for people to purchase flood insurance. There is, however, in the Village of Mamaroneck an absolute requirement that we meet flood construction standards. With respect to that latter point, I can't tell -- the EIS kind of says we'll do that and it repeats the standards but it doesn't explain how the project will meet the standards. In particular, I was looking for a foundation plan which is absolutely critical for evaluating flood zone compliance in a rivering flood area. I couldn't find a foundation plan. I couldn't find confirmation whether the project was going to be wet or dry flood proofed, and I couldn't find confirmation as to whether or not the existing building has been certified as an

engineer or by an engineer of being flood zone compliant. Those are missing attributes, I think. So, before we double the size or more than double the size of this storage facility, I think we need to make sure that the existing one is flood zone compliant. And I'm very worried that these large buildings are just going to push flood waters elsewhere in an area that's not well equipped to deal with them.

Thank you.

CHAIRWOMAN KRAMER: Thank you. Who else?

MS. LEY: There are no other hands raised.

CHAIRWOMAN KRAMER: Board members, do any of the board members have comments on the draft EIS?

I have comments. I have substantive comments if no one else does.

MR. NEUFELD: I do.

CHAIRWOMAN KRAMER: I do.

MR. NEUFELD: Go ahead.

CHAIRWOMAN KRAMER: The DEIS, this is actually in the executive summary but it's also repeated in the chapter on land use zoning and community plans, it talks about as demonstrated by the continued operation of the existing

self-storage that is more fully documented, it generates no impact there for the self-storage. It's entirely compatible with the existing surrounding uses.

And I disagree. I do not think that the fact that it is consistent with the existing building means that it will not have an impact or make it appropriate. In fact, one of the concerns I had, which again is also repeated later, is that this future zoning will be the maker zone which is discussed here. The maker zone seeks to have more foot traffic and other traffic. This use, which keeping the traffic down will, in fact, have a significant impact on the future of the area and the development of the maker zone because it's not adding any -- it's taking up an enormous site without adding any people to the area, and, therefore, it will not support the surrounding community.

Then, it talks about the creation of an architecturally distinctive structure, I disagree. I do not think there's anything distinctive about the structure. I don't think it really looks particularly attractive. It is certainly much more attractive than some of the

buildings that are no longer in good condition but I do not particularly think it is attractive and I don't think that the design of the building has been done in a way through offset the impact of the building on the surrounding community. It is an enormous building.

Then, it says the existing amount of self-storage building has established a perpetual visual character of the site. Sure, the building has established at the site should be enormous and overbuilt in a single building, but it has not established the character of the community, and I think that this building is absolutely inconsistent with the character of the neighborhood and they've done nothing to really explain how it is consistent with the neighborhood other than to talk about -- I'm not even 100 percent sure -- but they don't really do that.

I talked about this already. I'm going through my notes.

I notice and this is probably a technical that I noticed. I think it's interesting that in the existing zoning compliance when they're

showing, they talk about the existing and they never provide the existing FAR, which is interesting. Yes, you can calculate it, but it isn't provided. Really should be provided. I wonder is that so we don't realize how big it is.

And I think those are my comments.

Dave, go ahead.

MR. NEUFELD: Yes. I'll just ditto one of your comments. I think it was excellent. I think to say it's compatible because now there is one there, I think this is an enormous out of character construction and it involves very significant variances and I think those underscore the need to be attentive here. As I understand it, the FAR, they want to go from 1 to 2.43. They want a variance of 63,000 feet and also various parking variances.

One thing that's unclear regarding the variances, particularly the parking ones and some of the setbacks. I think they have to indicate what buildings and what improvements there are going to be serviced by those from the existing to the proposed for the other buildings. I'd like to see so we have

breakdown in a chart of how that goes because we often run into a situation where parking is given and then there's an argument over whose they are. You have a lot of different buildings here and a lot of different uses.

I also think that with regard to the alternatives, I would like to see more in the way of alternative assessments, alternatives that would be less height, less size, less impact, less visual impact. If they are mentioned, they mention a few of them, but we don't see them. We don't see a real picture of how they would look and how they will impact which leads me to the visual aspect which I think chair just touched on but this is completely out of scale to the neighborhood, a huge amount of variances, and I don't really see in the diagrams that I saw in the diagrams or the photo generations that were provided, it doesn't really show the impact. It shows a nice picture of it with the sky behind it and that's not impact. The impact is that you get to see it from different locations as it presently is and then how it will change, a photograph as opposed to an artist depiction.

I think those are very important. There is going to be a huge change there. I think it's totally out of character. It's just not my thinking. It's because the code makes it completely out of consistency. And so, I think we have to see for visuals in the FDIS put in there to really assess that because I think the visuals are a real serious issue.

One thing I also would like to see addressed in the FDIS is the impact on future development and variances. We are bound principles of our precedent. We have our own administrative -- I think we have to also then say if this were to go forward, what would the impact on it be by virtue of the fact that someone could come in nextdoor and say, by the way me too. And you can't say to them, well, you weren't here first so you're out of luck. You really do need to address what it this is doing. I think the chair said this. This is changing something dramatically and I think we have to look at them. It's not just the this that it's going to change. You then have to apply this to our future assessments. I'd like to see that looked at carefully.

This is a segmented project and I know we're considering the whole development because originally this was proposed and it was POS decked years ago, 5 years ago I guess. And then what occurred is they cut the project in half and it was no longer a POS deck. Now, they're going to the same result.

I'd like to know more about the interplay between the buildings and how much construction is going to change on them. And also, as I said earlier, how the different variances will apply to the different buildings and the different improvements.

There's a reference in here that hazardous materials that they say that the findings of the contamination is above the DEC standards, and that's fine. I think Ms. McCrory said something earlier. That's like the minimum, that's like the requirement. I'd like to know that sense, it's there we have had alarm bell ring and it says it's above that, what are they going to do about it, what's the real assessment, not tat whether it will be okay it's not that bad, no, it is that bad if it's past the standard. It should be below the

standard significantly that's the goal. Were the findings here, were they supposed to be reported to the DEC, I'm not sure. I haven't asked that of the consultant but I'm not sure were they supposed to be because sometimes you have to report. The soil vapor sampling is important as I understand it. And is it necessary to have a vapor barrier. I know that there were soil tests apparently in phase one. Were there soil tests subsequent to that. That should be addressed. And what test could not be performed because the first building was in place. So, this concerns me not just from this property but from others because of any contaminations and you have water flow underneath it.

I'm also interested in the historic use of the properties. I think that should be addressed given the significant development on this property and the proposed development, what has it been. That also goes to better comprehend the alternatives and where they want to go with it.

I understand flooding was being addressed by the village engineer. I don't know if we

have heard anything from the village engineer on that yet. I was told that it was being reviewed. I'd like to know what that -- occurred, what the results of that were.

I think I'm interested in the following question being addressed in the FDIS and that this is such a significant variance in an area that would really have almost, if this were to proceed, it would almost create a legislative change in the sense that the variances and the other approvals would actually do what a legislature would do. These are not adjustments, they're not tweaking, these are significant. I'd like to know whether or not there were discussion, requests, or petitions made to the trustees to change the design because the magnitude involved here, generally in my looking at this, would be, hey, this is not a variance, this is not I need a few feet or I need a small variance. This is extraordinarily significant. I'd like to know what other options in terms of accomplishing this were achieved because if you're going to say that it really fits into the community in this, well, it doesn't. It doesn't from a

purely legal standpoint or we wouldn't be here.

I guess, you know, as far as the consistency with the community, the question I have on that and I did not see this but I may have missed it is, is who is this serving? Is this serving residents or is this drawing people into the area who don't have such a facility where they are or elect to utilize this one? Because I think that is also in terms of the needs of a community and its goals.

I'm disappointed, overall, in the magnitude and I'm disappointed in the fact this was segmented because it's almost a bootstrap operation. Hopefully, if they can address these issues, and we can get that flooding report, then maybe we can include that in the FDIS and get some clearer understanding on this because one of the concerns I have is that whatever we do hear has to then be able to be utilized in terms of decision making by others. And if we're going to mitigate this, this is probably the place and the FDIS to try and do it. It doesn't remove the individual agencies from their options but I think we should try to

do it that way.

Probably the biggest thing is the visual. It's huge and it doesn't fit in there. I think a golf course could fit in there better, it's smaller, and I don't play golf.

There you have it. I think those are my points.

Thank you.

CHAIRWOMAN KRAMER: Thank you.

Abby, go ahead.

MS. ROBERTS: I just wanted to add a couple comments since I wasn't here last month too.

First of all I really strongly agree with you, Robin, that you hit the nail on the head that I feel like this flies in the face of the whole maker space concept, everything we're doing with vision zero, and pedestrian traffic, and I just want to make two quick related points to that.

I think the first is that from the pedestrian perspective, even if it's well lit, you're essentially creating a huge dead block right in the middle of actually where we have some really interesting new developments, so

it's a dead zone, and I don't think that's what we want to come accomplish here.

The next point related to what Dave was just talking about drawing customers in, is you're actually not going to draw customers in for self-storage. They're going come in cars. They're going to drop their storage off, and they're going to drive away. There's no incentive for them to stick around or to do business in the neighborhood. I want to add those two quick points. I don't care as much about the appearance of the building because, again, I feel like for me what's paramount is it's just going completely against the grain of everything we're trying to do here as a community so.

CHAIRWOMAN KRAMER: Megan or Greg, do you have anything to add?

MS. YERGIN: I do, some what I said but I'm going to reiterate and flesh out what I said last time was that I was reviewing how there were nine soil borings taken but we only got the results from six of the soil borings. I wondered what happened to the other three.

I'm also interested I know that they

reported there were two tanks that had to be removed and there was a spill that had been administratively closed out, but I would be interested to know where those tanks were on the lot and how they relate to the borings and the testings that was done.

This is some of what they've been saying. I did understand that they found SVOCs above the normal limit and the response was it likely represents background concentrations for these constituents because it's in a commercial corridor area. I was not satisfied with that it's likely something because it happens to be in the area. I thought that was really avoiding taking responsibility for doing further testing and understanding what the ramifications were of the results of those tests.

I also -- everybody has been talking about how massive it is. I do think it's a massive, massive and I know tat we have other warehouses but they're not as large. When you have one that's this large, you have no breaks in the building to see the sky or to see the buildings behind it; so, to me, it's not a village feel,

it's an urban feel. It's what you expect when you go to a manufacturing, industrial area that's actually in a large city rather than in our village feel. And just as Robin and Abby were speaking about that's definitely the maker zone initiative was to make sure that even though we have some industrial uses, and we have landscapers, and different car repairs that we're keeping it a village feel by making sure that we have a mix of uses that bring pedestrian traffic.

I'm also very concerned that it definitely is a segmented project. The two buildings are going to connect exactly together. Clearly, when you built the first building, you must've had an intent you were going to come back with a second building because it seems like a simple thing to put them together that you've designed it that way. And I know I made mention of this last time in 4a-21, the applicant said that it cannot achieve the benefits sought without the requested variances, the size of the variances. And, again, they built one building and said that that was -- came to the DBA, said they wanted

to build this building. I assume that that was a profitable building. It sort of seems like now you need more to actually make it profitable; otherwise, if you don't need more, that's not a good argument that you need to make it a certain size to make it profitable because you already built one that's still huge but not as big, so that's either a false argument or you were holding this second part of the project in your back pocket if you knew that you needed to add this extra space to make it profitable.

Also, I'm going to add my comments that I do think that it's a large impersonable building, basically lifeless building. I don't know why we would give such huge variances for something that is just a big structure to hold things and/or that will increase the profit of the owner without giving back to the community. It's not as though we're building a theater that we don't, okay so it's a little larger, and there's some new spirit, it's a new kind of industry that we're looking for, and it's something that we're going to interact with, and a lot of people are going to get jobs with.

We're giving -- we would be giving variances to build a massive structure to hold things and that's going to stay quiet, going to stay dark, and not employ a lot of people.

I would not be inclined to give such large variances for -- with so little in return for the village. And, yes, I do think that we'd be setting a precedence and I could blocks and blocks of self-storage areas in the area and that would just be a sad thing for our village.

CHAIRWOMAN KRAMER: Greta, do you have any anything to add?

MS. HEANEY: You know, I agree with just about everybody single comment that was made tonight. I share all those concerns. I see it as concerns localized to this specific project but then also the concerns as mentioned by probably all of you of just the domino effect that this project goes through and then what's next. It creates a precedent that would be difficult to control. There's the unknown about this project but there's also the unknown of the consequences of other projects down the road because we have approved a project of this enormous.

CHAIRWOMAN KRAMER: I have one final comment that I forgot to make which is the segmentation but since it's been mentioned. To me, there's no question that this was segmentation and be given that they originally came to the board with the full project, which was this entire project, then they withdrew that full project, and came back with essentially half the project, and now are coming because we want the -- the board voted to do what required an environmental impact statement and the applicant at that point withdrew the full variance and came back with half the variance and now it's coming back for the half that it didn't get the first time. So, I do think that was segmentation that -- I do think it was segmentation.

Charlie, you had something?

MR. GOTTLIEB: Yes, just along the lines of segmentation. I think it would help this board if someone wanted to request that the applicant provide and maybe with the assistance from Amber the full administrative record from the prior approval including the original application, withdraw of the application,

Chair, that you had just mentioned, as well as an any meeting minutes and approvals so that this board can properly assess what had happened historically versus what is happening now.

CHAIRWOMAN KRAMER: I don't know if Charlie's comments get noted, but, if not, I would support his comments.

MR. GOTTLIEB: Thanks.

MR. NEUFELD: I think that's excellent. There was two sets of applications. There was the first application and then later on a couple years later there was the other one.

MS. LEY: You need to either make a motion to close or continue the public hearing. If you close the public hearing, it would still be open for a 10-day written comment period in accordance with the state rules and regulations.

MR. NEUFELD: May I inquire as to what is the story with the flood assessment? I understood that the village engineer was reviewing that.

MS. LEY: The village engineer has been provided with a copy of the DEIS. They have

provided some comments on the DEIS in the past. I sent a follow up to him yesterday. I haven't heard back from him yet.

The deadline for the written comment period would be May 17 because the 10 days actually falls on a Saturday or Sunday so he can provide those comments by that date and they would need to be addressed in the FDIS.

CHAIRWOMAN KRAMER: If we can, you know, kind of nudge him if he's listening or not if he could please do that in that 10-day period it would be great.

MR. NEUFELD: We can take this up next time, I think, but one of the questions I was thinking about this whether or not we're going to oversee the FDIS and how that's done because the FDIS, as I understand it, Charlie, is our documents, right?

MR. GOTTLIEB: Yes, that's correct. Typically, the way it works is the applicant would provide a draft and that includes a response to the comments as well as all the documentation needed including meeting minutes. And then, this board would review and manipulate as it sees fit.

MR. NEUFELD: Manipulate, huh?
MS. LEY: Edit. You have full editorial control.
CHAIRWOMAN KRAMER: We can edit.
MR. NEUFELD: We can have it reviewed but our expert, right?
MS. LEY: Yes.
CHAIRWOMAN KRAMER: Anybody else? We have to vote on whether or not to make a motion to close the hearing or -- my 2 cents are as long as we can get the village engineer's comments, I'm happy to close it because there aren't that many public comments. I think the board members have given their comments.
Does anybody disagree on the board and I'll make a motion to close the public hearing on the DEIS?
MR. GOTTLIEB: And to keep the written comment period open until May 17.
CHAIRWOMAN KRAMER: Yes.
MS. ROBERTS: I'll second that.
CHAIRWOMAN KRAMER: Anybody have anything to say otherwise we'll take a vote?
Meg?
MS. YERGIN: Yes.

CHAIRWOMAN KRAMER: Greta?
MS. HEANEY: Yes.
CHAIRWOMAN KRAMER: Dave?
MR. NEUFELD: Yes.
CHAIRWOMAN KRAMER: Abby? Absolutely imperative by.
MS. ROBERTS: Yes.
CHAIRWOMAN KRAMER: And I vote yes as well. So, the hearing is closed. The public hearing is closed and the written record will remain open until May 17.
MR. GOTTLIEB: Just for a point of clarification, that's the public hearing concerning the DEIS.
CHAIRWOMAN KRAMER: Right.
MR. GOTTLIEB: So, the public hearing related to the underlying applications, I believe, remains open and adjourned.
CHAIRWOMAN KRAMER: I do have one question which I think we didn't take care of and I have to go back before we leave this, but I guess it's a written record so it's fine.
Ashley, does the board have to adopt your comments?
MS. LEY: You don't need to formally adopt

them. You can recommend that they be addressed.

CHAIRWOMAN KRAMER: We recommend that the comments provided by the AKR and/or Ashley, I don't remember how it was done, be addressed in the FDIS. Do we need to vote, Charlie, on this?

MR. GOTTLIEB: No, I have full confidence that the applicant will address these.

MS. LEY: Unless there's anything else, I was going to sign off.

CHAIRWOMAN KRAMER: I don't think so.

(Time noted: 7:45 p.m.)

C E R T I F I C A T I O N

I, ESTAMARIE CASTELLI-VELEZ, a Shorthand Reporter and Notary Public within and for the State of New York, do hereby certify the foregoing to be a true and accurate transcript to the best of my knowledge and ability.

I further certify that I am not related to any of the parties to this action by blood or by marriage and that I am in no way interested in the outcome of this matter.

Estamarie Castelli-Velez

ESTAMARIE CASTELLI-VELEZ

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Village of Mamaroneck Zoning Board

April 26, 2022

Case #15A-2018 416

Waverly Avenue

CHAIR DAVID NEUFELD: Good evening. This is the second meeting in the month of April, which is unusual for us. This will be the second meeting in April. It's a limited meeting. It's going to be to do some deliberations on some closed matters. There will be no public hearings this evening, and we'll also be conferring with counsel and our consultants with regard to going forward in another matter, which will be in May. The meeting hopefully will last from an hour to an hour and a half, which will be a pleasant change or a difference than the other meetings. We have four members here today. We have Brian Glattstein, Gretta Heaney, and Robin Kramer and myself. We have council, who's name, you are using the wrong name Charlie. I just want you to know that. You are not Brittany. You are Charlie. And we have Ashley here and Bryan here as well.

So why don't we begin in light of the fact that we have some other people here, the consultants and discuss the issue about the FBIS procedurally. And I think that we have a draft now of it. And it is our document, so we have to discuss the finalization and how to go about that. And then the finding statement, I suppose

that will be taken place after that. We will be discussing that and starting the finalization process at the May meeting. Possibly concluding it then. I don't know. Charlie, if you want to discuss the procedure, and then we can ask the consultants or they can buy in and we can discuss some items.

MEMBER CHARLES GOTTLIEB: Sure. So, we received a revised draft final environmental impact statement, referred to as FEIS. That document is really a comment and response document to all of the comments that have been made by members of the public, members of the zoning board of appeals and their related consultants. That document, when it's finalized will also include any changes to the draft environmental impact statement that are needed.

So, the FEIS is a combination with response to comments, and then including the actual environmental impact statement. As it typically goes under SEQRA, the project sponsor or the applicant prepares a draft final environmental impact statement. Pursuant to the SEQRA regulations this is actually a document that belongs to the lead agency, which is

yourself, ZBA.

So, it would be incumbent upon us to review the applicant's responses in the FBIS. If you have additional comments, you can explore those additional comments with the project sponsor. We should discuss at the main meeting, it might be helpful for the board to hear a presentation from the applicant on their draft FEIS. What they included. If you feel like something is missing, you can ask about that and see if it was further investigated and so forth.

But the board should consider whether or not the manner in which the FBIS is drafted and how it's responded to the comments that have been added into the record, is adequate and whether or not you agree with the way the applicant provided responses to comments. The ZBA should then discuss with Ashley and others at AKRF about maybe some responses you technically don't agree with or have trouble understanding. And then it is this boards document to draft and to accept.

Once you're comfortable with the document and what it states, we will prepare a resolution and you would officially deem it

complete. Once it is deemed complete, excuse me. My daughter is screaming in the background for a hug.

CHAIR DAVID NEUFELD: You can bring her in. We're short one member and there you go.

MEMBER CHARLES GOTTLIEB: Once the document is complete it's then sent around to all the involved agencies. It's made available for public review, and then there's a 10--day waiting period. After the 10 days is up, you issue a finding statement. And your finding statement is essentially your final SEQRA determination. It's an evaluation of the environmental impacts, whether or not you feel as though they are significant, what mitigation you might want to incorporate into the project, so that the impacts that you find are significant are lessened. And that would conclude the SEQRA process.

Once the SEQRA process is done you kind of go back to the ordinary area variance review process that you guys already know, balancing the five factors in New York Villages law, there would be another public hearing on the underlying area variances. And then you would have a resolution, after the board deliberates on the

underlying area variances.

MEMBER ROBIN KRAMER: Couple questions. Something that perplexes me. If this is our right? Legally, it is our document. Why are we not editing it? Why are we not taking it and rewriting it, and sending them revisions to the text, to make it read the way we want? That's my first comment. Because this may not read the way we want, just because it says, scientifically AKRF makes the determination that they've answered this question, they've answered that question, they've answered the other question. From a scientific standpoint why are we not revising it? That's my first question.

And then my second question, which goes to again, the whole thing. The point of an EIS is to inform the board when it makes its decisions about all of the environmental impacts of the decision, so that our decision when we get to the variance, right, we're not making a decision on the EIF. So that when we make a decision on the [06:43] we have all the environmental information we need, so that we know the land use, the environmental impacts of a decision. Given that, is that correct? And if that is correct then

that's what this needs to say.

And then my third thing is, way back I had understood, in fact I threw out a draft because I had understood that we were getting a final complete copy. Instead, it's pieces, here are these pages, here are these pieces and here are these pages and here are these revised pages. And it's very difficult given that this is our document, to read a document and say, this thing, this FEIS is the document that we as a board, have determined is appropriate. So, I think all the board members need a complete copy of the final revised FEEIS, before we can possibly say this is it. Because otherwise (inaudible). So those are all my thoughts, comments, questions on the process.

CHAIR DAVID NEUFELD: Robin, I just want to comment on that quickly if I may. And that is I completely concur with you. I think that it's like editing someone else's as opposed to it being your own and it can be a very different approach. I think that one of the more important things at this moment or at this time is to make sure we have all the information that there was to be provided. Because that's still a

predicate for it, and that's one of my concerns. But I do share your concerns and your comments over that. And we may very well want to have it written in our own language, our own style.

It also is that one of the things I understand if you could just elaborate on Charlie, is that once we do a findings statement, then all other agencies involved in the process that will be taking place, for their own permits as well as our own, really have to comply with that finding. They can go further, but generally they can't try to reinvent that, because this was a -- what do you call that when (inaudible) it's a coordinated --

MEMBER ASHLEY LEY: Coordinated review.

CHAIR DAVID NEUFELD: Right. So, our coordinated review is such, they can't come out with a very different approach. They can say that there's higher sensitivity in their area and they could go into that, but basically, we do set the tenor and the tone. Which I think is particularly complicated to some degree in this matter, but we will deal with that. So, I think it's a matter of missing information, and that's probably the focus that I'd like. And I think

that would help if we could get that one document, as Robin said. Robin, I think that would be very helpful. We have one document to then got through. As opposed to saying page 85 of that and page 42 of this.

And that's particularly, at one point I'm looking at my notes, which happens as the process goes they have actually changed much of their use of the buildings, and what's going to be removed. I think the words they used once were significant changes form what we've seen are taking place. Charlie, you want to comment on that and then we can --

MEMBER CHARLES GOTTLIEB: Sure. I'll kind of go down the list I have here. So, it is very common for a project sponsor to issue the first draft of the FEIS. Because they are the ones that have the consultants on their side and they gather the information that is requested by the public, by the board and so forth. If the board finds that the additional information that has been provided is complete, you have all the information, it would now be appropriate for this board to start editing the document.

I'm trying to think of an example, but

in this FEIS the project sponsor kind of completely revised the project. They revised what it looked like, they revised some of the height, they revised some of the architecture. So, now you have what kind of the revised project is, and you're able to answer the questions in the FEIS as you see fit, giving reference to the information that the project sponsor has provided.

So, I think we are at that point, if the board wants to after we speak with the applicant and ask any questions you might have, to start taking over the document and doing the editing yourself. Related to how the SEQRA findings statement intertwines with the area variance test. You know the five factors of the area variance test are somewhat intertwined with the determinations you'll make in the findings statement.

For example, the area variance test had no adverse impact to the neighborhood. We're studying that under the EIS, when we assess visual impacts, when we assess community character impacts. One of the area variance tests is environmental impacts, essentially. So really,

all of the EIS in the SEQR findings statement touches on that. So, other than the self-created harm, the EIS, how you finalize it in the findings statement, will touch on area variance standards. So, it's very important that this board deliberates very strongly, before the finding's statements. And make sure that you marry how you're feeling about the underlying area variances, with the environmental assessment that you've been tasked with.

As far as getting a complete package of the FEIS, I think that is certainly doable, and I think we could probably get that to the board with the applicants help, prior to -- I guess it's next weeks meeting. And you're right. You should have the full package. It is hard to kind of piece meal things here and there.

MEMBER ASHLEY LEY: Can I just get a better picture on what exactly was missing? Because I receive everything digitally, and I did have the full text of the document, so is that not what everyone received in paper?

MEMBER BRIAN GLATTSTEIN: I don't have much at all on paper because I wasn't around when all this started over a year ago.

MEMBER ASHLEY LEY: The booklet that Dave has, that's the one that went out in the last two meetings ago, I think. It was delivered. That hard booklet is the only thing you've received.

MEMBER BRIAN GLATTSTEIN: Right. What happens is it refers to the DEIS and all these other electronic documents.

MEMBER ROBIN KRAMER: IT's only a few pages. It's only the pages that have changes on them.

MEMBER ASHLEY LEY: It's only a few pages that changed. Okay. I see.

MEMBER ROBIN KRAMER: The last time we also got only the pages that had changes. We got a complete copy of the DEIS, then everything else was iterations. Then we got a complete copy I think of the FEIS. And after that was just edits.

MEMBER ASHLEY LEY: After that was just edits. Okay. I see. The applicants probably not going to reprint the DEIS, so Bryan, I'm sure that there's a hard copy there at Village Hall that you can get or borrow.

MEMBER BRIAN GLATTSTEIN: Oh, I'm okay. I've got a big side screen and it's 529 pages.

And the thing is, and Robin has a very good point. What we are getting is not cohesive. So, I find myself having to dig deeper and deeper and deeper. I asked questions in the last meeting in November and they point to the DEIS and I have to work my way to page God knows what on the DEIS to try to find the answer. So, if there's any way to make it more cohesive, that would be appreciated. Maybe some kind of a chart. But I'm working my way through it.

MEMBER CHARLES GOTTLIEB: So, the last question was what the actions of the other involved agencies, how are they impacted by your SEQR findings statement? So, here the planning board would be an involved agency. So, they can't make a decision until you issue your findings statement. Typically, involved agencies, they do have to do their own findings statement. So, the planning board has to do their own findings statement, I can't recall if DEC is involved. They would have to make their own findings statement and so forth.

They don't necessarily have to agree with your findings statement when they issue their own. Typically, they just kind of do like a

"Me Too" findings statement and they just adopt yours as their own. There are some rare cases out there where involved agency does something kind of completely different. The important thing to take note is when involved agencies make their own SEQR findings statement, they're bound by the environmental record that is the entire EIS process. So, they can't deviate from the four corners of the DEIS and the FEIS, when they're making their findings statement.

So, as you manipulate and edit the FEIS as you see fit, that will become part of the environmental record that the other involved agencies would review and make their determination when it becomes their turn, after yours.

CHAIR DAVID NEUFELD: One of the items -- you want to touch on some things here now, Ashley? One of these the applicant has taken the position is that when we question things, they say it's already been addressed with our experts and our consultants are happy. One of the questions, Charlie, you want me to do this next meeting, or should we just pose some things now?

MEMBER CHARLES GOTTLIEB: Well, I think

it's probably a good idea to give Ashley a little bit of -- and her team a little bit of a nod as to what are going to be some of the larger concerns of the board, so that they can kind of go back and review separately some of those sections and come back to the main meeting when the applicant's here to further discuss.

CHAIR DAVID NEUFELD: One item I deposed at the meeting, I guess it was last November, was I asked at that point, I said the site was flooded very heavily and there was a lot of machinery there opening up walls etc. And I said, I guess it was hurricane Ida. And I posed a question, I said well, can you tell me, what's the nature of the damage you sustained? And at that point they were unwilling to explain it, which surprised me. And they said, I don't have that information, but I can get it for you. Now, in just touching on this just a little bit, an I'm not purporting to go through the whole thing to discuss it now. Basically, I guess it's on 3D7-- another thing, just being able to identify pages is very difficult. There's not an overall numerical sequence -- But they're talking about, they said supplemental EAIS is not required to

address flooding that occurred subsequent to the preparation of the draft. And they go on with that.

And they basically say the engineers and consultants are pleased with this. I'm not. I don't want to mislead anybody. I said so at the meeting. I mean, because temporally I'm on a timeline, it's like if the whole idea here is to protect against certain things and evaluate the method effectively so that everyone knows what they are, then that something happened, but it was after a draft but before the FEIS, I don't understand why that wouldn't be included. That we don't play a blind eye to that. There was a significant modification-- there was significant damage that took place. And I think that you have to say, okay. Why did that occur both to the existing building and to the additional part that was not initially constructed? And I have questions about that. It's a perfect example of well, here's what happened. How can we avoid that? I also find that a lot of the places they say, well we comply with this, and we comply with that, we comply with the FEMA, we comply, they pick different regulations. I would like you to

clarify that, Charlie. Because it's my understanding that compliance with existing standards is simply not the end result of the SEQR process. Otherwise, you wouldn't have to have it. You would have to have certification, so you comply. What's necessary above and beyond that is may very well be that you don't need that much, you may even need less, or you may need more. But an answer that says, oh, well we're going to comply with that, that raises questions with me, just as it does when they say, if we're dealing with contamination they say, well, if we find contaminates, we'll address it then. We'll then bring in someone to take care of it. I think not. I don't really follow that. That's not what my understanding of SEQR is. It's defined the issue, identify it and come up with a plan that can be dropped into place at that time. And I think that's one of my questions. And I asked them, when you went through this, did you respond also to the comments that the board had at meetings that were asked, questions posed by different members?

MEMBER ASHLEY LEY: We focus primarily more technical issues that we had raised in our

memo. So, no. We did not go and look at all the comments the board had raised at past meetings. In regard to the SEQR question that you're raising about compliance with the regulation. That's a pretty typical item that comes up in most EISs. Meeting the regulations, in many cases is mitigating the concern, especially for things like storm water. If you're meeting the regulations, you're mitigating stormwater concerns, because you're designing it to meet the current acceptable standards. In this particular case where you're talking about flooding and maybe what you say is you're going to meet your regulations, but we think to further mitigate that to address (inaudible) we want you to build your entrance X number of feet higher, and that's a number you can work with the village's engineer to determine. But that would be a typical way to address something of that nature.

CHAIR DAVID NEUFELD: But here you have a large portion of this project that was developed and built, right? I'm assuming, and I could be wrong, that that was compliant. Because when we had hurricane Ida, that building was significantly damaged and they weren't willing to

discuss it or even explain it. So, saying to me it was compliant doesn't answer a single thing for me, honestly. I don't want to mislead you. I don't follow that.

MEMBER CHARLES GOTTLIEB: And this is where, at the next meeting you can kind of go through each aspect of where they're saying they're saying they're compliant, and using that as a mitigation. Because it really depends on two things. What is the environmental impact that we're talking about, and are there unique features of the project site that might lend itself to some sort of enhanced mitigation, versus just simply meeting the regulations. For example, storm water is a good one. Is there a unique feature of the site or a historical impact, like hurricane Ida, where there's somewhat demonstrative evidence that meeting the standards hasn't sufficed, and to ensure that a significant impact doesn't result the board wants enhanced storm water controls of some sort. And what those enhanced control could be is something AKRF could help the board with. Some municipalities, specifically in Orange County have started to adopt more enhanced storm water

regulations above and beyond those that simply the DC require. And in those instances, a lot of municipalities are requiring these enhanced storm water measures that are above and beyond the kind of regulations, realizing that flooding is a significant impact in that area.

So, it really depends on what are the environmental impacts you're assessing. If we're talking about soil contamination and the remediation of the same, that is something that is very strongly regulated by the departments of environmental conservation, as far as human hazards go in the contamination. So, to the extent you have mitigation that says if something is found on the site it will be remediated in accordance with regulations. That might be okay. And it might be a little different than this board feels about storm water.

CHAIR DAVID NEUFELD: What if we, when modifications here, for example we had a comment and there was a response. Is that our response as a board?

MEMBER CHARLES GOTTLIEB: Yes.

MEMBER ASHLEY LEY: Yes. Going back to one of the earlier questions about --

CHAIR DAVID NEUFELD: So, what I'm finding here is that where people on the board commented and they're disagreeing with that, that's like us disagreeing with ourselves, effectively. Am I right?

MEMBER CHARLES GOTTLIEB: Essentially, yes.

MEMBER BRIAN GLATTSTEIN: So, another question Charlie, because Dave has raised the issue of the damage done in the flood to the current structure. But this board has discussed segmentation. And I believe everybody was on the same page that segmentation actually does exist with this project. So, should we be including the current structure in the FEIS? And our we're able to perhaps effect some remediation on what's built, as part of this overall project, especially if there's evidence that there's insufficient protections currently, based on our new experience.

MEMBER CHARLES GOTTLIEB: So, if the board wasn't doing NEIS here, this would kind of be your classic case of segmentation, in my view. The EIS being expansive and considering the entire project site is the cure to the

segmentation issue. So, getting a really good understanding of what happened on the built environment when the flooding happened or other environmental impacts have happened to it, those could be included in your mitigation issues for the CIS.

CHAIR DAVID NEUFELD: What happens if -- - The perfect example is on the question that was asked about the damage. What happens if the board finds something that can't be, or doesn't have the information for it?

MEMBER CHARLES GOTTLIEB: So, if it doesn't have the information for it, you should always ask for it from the applicant, if you choose so. Or if it's something that Ashley's office could investigate, based on the information that we have, her office could run some sort of analysis on it. That's always an option. It's always best to ask the applicant for information if it's missing. If that's the case and you feel like something is missing, there's always language in the regulations that allow you to not deem the FEIS complete until you feel like you have all the information you need.

CHAIR DAVID NEUFELD: So, we should be

going through this to find items that we don't think were responded to or that we feel necessary to complete it. Correct?

MEMBER CHARLES GOTTLIEB: Right. And also, you feel like information is correctly there, but you have a different take on the information that is provided, that is kind of where your control of the document becomes important.

CHAIR DAVID NEUFELD: So, Ashley, if you were going to be redoing this, or revising it so to speak, you would want the boards comments on this at the time, or at the next meeting I suppose? Then you would take it down and come back?

MEMBER ASHLEY LEY: Yes. Our focus thus far has really been on the technical information that was provided in the document. We did flag a few things that we thought were not in the ZBAs voice. But certainly, having more direction on the ZBA, where you disagree with some of the responses or conclusions would guide our ability to revise the responses.

MEMBER ROBIN KRAMER: Ashley, earlier in the process, it may be in the DEIS, I don't

know it's been around so long. When the board had made comments and AKRF had prepared its -- you had included those comments, right? The board didn't have to have a separate set of comments, you included the boards comments --

MEMBER ASHLEY LEY: Yes.

MEMBER ROBIN KRAMER: Are you saying at the last meeting that the board discussed this, whenever that was, if board members had comments you didn't include them in your memo?

MEMBER ASHLEY LEY: I did not draft a memo based on that last meeting. But the applicant was at that meeting and I thought they were taking down all the notes to make the edits, but apparently there was miscommunication there.

CHAIR DAVID NEUFELD: Robin, wouldn't this be helpful? Ashley, if you were to listen to that meeting again, then look at this. I can just tell you one thing I would point to, and this is not a secret, but we asked about recent storm center, and they said recent storm events such as that, represent unprecedented conditions. Well, first of all, if they're events in the plural, that's generally not so unprecedented. That's maybe a phase we're going through or something

we're experiencing. And it requires attention. The questions that were posed were not answered here to my knowledge, as to what was the damage and how. And Brian as you mentioned the first building was considered. One of the reason is the first building was not an old building that was 50 years old. So, I'm assuming it was compliant. Being compliant is no longer a productive yard stick to measure against. But maybe it would help if you could go over that Ashley, and the comments the board had with regard to them.

As I recall, they came down to-- and I'm just going to punt not having really thought about it, the visual was a big issue. The water was a big issue. The mass was an issue, the size of all of it. Then it was the fact that surrounding areas had dealt with the -- there was contamination in other areas. And I remember from when this first was on before the first time, when this was on, because this was pause dec issue by the zoning board many years ago. And what happened was they withdrew it and came back and cut the project in half. And that's how the segmentation came about. It was literally almost in half.

MEMBER BRIAN GLATTSTEIN: Just to add to that list, I think one of the issues here is that the water table is only about a foot under the soil, if I'm remembering correctly. And if you've got contaminated soil and you've got the water table, it's very, very important environmentally to understand how they do things, really have an understanding. Not just say, well, we're going to comply with the code. Have an understanding of how they're going to conduct the water table when they're digging down straight into it. It sounds like the foundation has got to go through the water table (inaudible).

CHAIR DAVID NEUFELD: The first time this was on, not on this project but the first portion of this project, which was built, was DEC saying they were concerned about underwater movement contaminants because of low cal. And I'm not sure if that's something Ashley, you or Bryan want to speak to. Not Bryan from the board, you're welcome to speak as well.

BRYAN: I'm Bryan Zeroff from ATRF, and I can speak a little bit on that.

CHAIR DAVID NEUFELD: Excuse me. What I'm interested in has come up before and board

has heard this. What is the nature of the contaminates, where are they from and how are they -- What are the soil tests? Because one of the things I remember specifically is asking about soil testing and being told that none had been done. Now that was before this project, obviously but when this first came before the EIS, before the draft we developed.

BRYAN: Well, I'll start off, I'm going to try to do this -- because there are-- you have water, you have soil, you have vapor. So, you have different media and you have a lot of different regulations that come into play. So, it's not a very quick response and I'll try to do my best. When water is involved and to try to kind of focus on the initial question of DEC being interested in the water. You have neighboring Bradford cleanup program sites. So, there are neighborhoods that have been identified as having a release of contamination, and because of the contamination on the property, which limits the ability to redevelop it they entered the Bradfield cleanup program. Which allows you to redevelop and address that contamination and then get credits for what you've done, based on

the fact that contamination was there. Because otherwise contamination would restrict the ability to have a future use of the property. And this program allows you to address that in (inaudible). Go ahead.

CHAIR DAVID NEUFELD: Excuse me. When you said they you're not referring to the applicant are you? You're talking --

BRYAN: I'm referring to the state DEC. DEC regulates everything in the state from an environmental perspective, with the EPA as a federal umbrella over top. And when you have old properties that can't be redeveloped because there's too much liability and no developer is going to go in and buy that property the Brownfield cleanup program goes, we'll give you these benefits, which makes it now capable of being redeveloped so now they'll go in and do it.

So you have Brownfield cleanup sites adjacent to this property, not directly adjacent but very nearby. And so, there is a concern if there is a release from those properties and that release contains volatiles, and those volatiles migrate with the flow of groundwater underneath the subject property, which is not their

responsibility, it's the responsibility of the Brownfield property owners, but the result is, could there be some sort of evaporation of that chemical that then builds up beneath the foundation of a building and then goes through cracks in the floor and goes into the breathing space. That would be the main concern from the state.

And one thing that they -- the applicant -- they, included in the most recent response is that they would have a vapor barrier and a sub slab depressurization system. And those are the acceptable preeminent items that would be needed to address contamination that's in the groundwater that could evaporate and get into the breathing space, when the space was occupied by tenants or occupants of those buildings. So, that's the water part.

CHAIR DAVID NEUFELD: You said vapor barrier and what was the second aspect of that? I'm sorry.

BRYAN: A sub slap depressurization system, the acronym is SSDS. That's a very fancy way of saying a radon system. So, it's basically a network of slatted pipes that lie beneath the

vapor barrier. So, the foundation itself, say you have a six--inch slab of concrete, it's a pretty good vapor barrier. But as a protective measure you're going to add this-- think of it as very thick landfill liner type vinyl plastic --

CHAIR DAVID NEUFELD: Like a rat slab?

BRYAN: It goes underneath the foundation slab, and then below that there's a network of gravel with slatted pipe that has a passer with a fan turbine or an active with a vacuum system that pulls vapors from underneath the building, so it's a redundant system. IT's a double layer. You have a vapor layer that prevents vapors from going through, and then you have a vacuum system that removes the vapors that build up beneath that vapor barrier. And that's what's been identified as a measure that's been added to the foundation conceptual design for the building.

CHAIR DAVID NEUFELD: For this building. What about the one that's already built, that portion?

BRYAN: For a building that's already built, you can do what's called a retro fit. And that could be an item that you request. So, you

say, okay for new buildings we're going to have this vapor barrier, we're going to have this SSDS, or a vapor removal system. And then for the existing buildings we're going to put in a retrofit system, a retrofit SSDS. And that is simply like going in on your existing house and adding a radon system. IT's a pipe that goes into the ground, it gets sealed to the floor, and it has some sort of vacuum on it. And it removes sucking out the vapors beneath the floor. So, it's removing the vapors before they have a chance to go through the foundation and into the building. It's effective.

CHAIR DAVID NEUFELD: And what happens to those vapors?

BRYAN: They go into the air. Based on the potential buildup beneath the slab, there is no regulation or restriction as to venting those vapors to the air. IT's the best way to do it basically.

MEMBER BRIAN GLATTSTEIN: They're usually vented on top of the building, correct?

BRYAN: Yeah. You would run the stack to the roof if it's a passive system. So, it's not energy driven. You have a turbine, one of

those turbines that creates a suction, based on the flow of the wind. And that suction will then pull the vapors out. An active system will have an electrified blower that's attached to your electrical system, that is just a giant vacuum. And it's pulling vapors up through that pipe and venting them four to six feet above the roof.

CHAIR DAVID NEUFELD: IS that more efficient?

BRYAN: The powered vacuum system is more effective, because it's adding a -- it's kind of like a sailboat versus a power boat. So, you have a wind driven turban system.

CHAIR DAVID NEUFELD: Are you familiar with the testing that was done for contaminants that was done on this site?

BRYAN: Yes.

CHAIR DAVID NEUFELD: Okay. And you're familiar where it was done on the site?

BRYAN: Yes.

CHAIR DAVID NEUFELD: Okay. How did they select the locations where they actually did the testing? Do you know that?

BRYAN: Yeah. They did what's called a phase one site environmental site assessment. The

object of that phase one is to identify, recognize environmental conditions. And that's a very specific definition according to American Society of Testing Materials, ASTM. That is the federal driver for the phase one that indicates how we have to do a phase one. And that phase one identified that there were some old tanks, that you have historic fill on the property. It was leveled off to make it level so you could put a building on it, way back in the day. And there was some business practices, where historically there could be a potential for a release of contamination. Now, recognizing an environmental condition basically says that you have a material release that you can see, or a threat of a release, or some sort of action or historical action that says -- Like say you had an old gas station on the property. That tank that was sitting on-- say the western part of the property, that tank is a threat of release because it's holding 8000 of fuel.

And so, the phase one review then looked at those potentials for release and identified recognizable environmental conditions. And that FEIS that we're talking about where they

said hey we did a phase one. We did a phase one and we identified recognized environmental conditions. Unfortunately, it's hard to see from a laypersons perspective what that means. But behind that is a series of steps, where they went through and checked the box on all of the federal requirements for what could be a release and what might be in the ground.

And then based on that, you develop a phase two. The phase two is the active investigation where they drilled holes into the ground and collected soil samples and collected groundwater samples. So, in that phase two they drilled nine soil borings, and then they had a protocol where they would look at-- And when you drill a soil boring, what you do is you advance a core into the ground, it's a two--inch diameter core, that will pull out a four--foot section of soil that represents the core as it goes down. So, say you're drilling zero to four as far as feet below grade where you're standing. You pull up that core and you can see all four feet of that zero to four section. You cut that core open, you measure it. You're taking actual volatile screening samples -- it's called a

photoionization detector. It's a detector that will suck that air in as it's coming off that soil, ionize it and tell you immediately if there are petroleum compounds there.

And so, they did screening. And while they did that screening the decided that based on what you saw physically-- so you could look at a sample and be like, wow that's a really dark section, it smells like fuel, it's stained like fuel, I bet that's fuel contamination. And then you screen it with your PID and you get readings that says there are 100, 200 or 500 parts per million volatilized compounds. That meter can volatilize any volatiles that are in the air and you get a reading on it.

And so, what they did was they drilled nine borings. And three of the borings, they did not have any olfactory or smell or visual signs of contamination. And that meter didn't have any reading on it. So, they didn't collect any samples for laboratory analysis. On six of the nine samples, they did collect samples for laboratory analysis. And they sent those into a laboratory to be quantified in accordance with New York state department of health, ELAV, it's

an environmental laboratory testing and certification requirement. And then when they tested those samples, they found that-- and here's where I think it's Mr. Gottlieb, according to my Zoom. He was talking about how different agencies tie in. IT was a very good review. But I wanted to be clear that DEC has the ability to enforce their requirements in a very specific way. If you have a petroleum spill, if I see one I'm required by law to call in a spill and then they can enforce regulations based on that spill. If you enter into the Brownfield cleanup program, DEC can enforce their regulations. If you have an identified hazardous waste compound that triggers the state super fund act, DEC can then enforce their requirements.

But based on what I've seen so far DEC has no enforcement mechanism whatsoever at this property. There is no unidentified spill, there's no release of hazardous waste that we know of. But we do have these semi-volatile compounds and some low-level metal compounds in the soil that's being attributed by the applicant to historic fill, and that's a very standard thing because historic fill is everywhere. When we built New

York City, the surrounding area you had all these coal fire plants, you're leveling off sites, you're wondering where to put all this stuff, and it goes into leveling off sites. And then you have this layer of historic fill. And it typically has PAHs. Those are polycyclic aromatic hydro carbons. They are the components, the parts of the semi-volatile organic compounds that those reports were talking about. And those are really hard because you have a lot of metals that are unnaturally occurring soil. Metals are earth compounds.

So, you do have historic fill there. Based on those results the protocol that they use to collect samples and the way they used to collect the samples, in the way they reported it I don't see a release of contamination. But just remember that's a very specific definition by the state DEC. Contaminates are present, they were present, that were present in the storm of historic fill which was not a release. So, DEC doesn't have a direct impact at this moment. But once they excavate that soil, right now it's sitting there, it's earth. Once they excavate that soil, then those compounds trigger something

that makes it a regulated soil. And that's what they talk about when they refer to an excavation workplan in the FEIS, they're referencing and in that they say we will handle that soil in a way where it complies with the state requirements and federal requirements and especially the requirements of the receiving facility. So, when you have to ship soil offsite it's going to a receiving facility. And they have even more stringent requirements than even the state and federal. And so, if they have to dig up a certain amount of soil to make room for a foundation and that soil has contaminates in it because it's historic fill, there is a set regulatory requirement.

Where they have to put it aside, test it, sending those testing results to a receiving facility and then it gets shipped off to that facility and that's how they manage it. IF during their digging you find that there's a tank that no one knew about and there's something leaking out of that tank, that by definition by state DEC is a spill. So, you would have to call in that spill which is in their workplan. They have a contingency if we encounter anything unknown,

that triggers a state requirement then we have to call in that spill. Now DEC is involved. Now DEC has regulation. You have to address that spill in accordance to its requirements.

CHAIR DAVID NEUFELD: Was there anything they found on those six samples that were of any consequence. Consequence yes, in the sense that its historic fill. Consequence no, in the sense that I didn't see anything that would indicate a release. There could be some old contamination related to some of the old spills from those tanks. But it wasn't at a level where you could quantitatively say that's just historic fill that we see on most of the sites that you would try to redevelop within the area.

CHAIR DAVID NEUFELD: Could you see any evidence that water and other contaminates from adjacent properties had been coming over?

BRYAN: Yeah. They had a couple of VOCs in the groundwater samples, that could be related to maybe some historical onsite thing with degreasing or parts management. But also, is consistent with what you would see with neighboring Brownfield cleanup programs. And it was at concentrations where, I think it was 11TCA

that exceeded the groundwater GA ambient water quality standards. But that standard is based on a raw human consumption. So, unless someone is going out there and drinking the water, which they're not, then your other exposure potentials related to that water and the contaminates within that water evaporating and coming up into the air space. And that's where the vapor barrier and the sub slab depressurization system comes in.

CHAIR DAVID NEUFELD: Just one more question. I'm sorry to trouble you --

BRYAN: Whatever you want to ask, fire it up.

CHAIR DAVID NEUFELD: Several times you've said they didn't, they examined it, they determined to do something, they this, they sent the six not the nine, if they find something. Who is the-- is that normally the contractor?

BRYAN: So, when it comes to redeveloping the property and finding something, what their excavation work plan says is they'll have a third--party consultant there, working with the contractor and watching as they're digging for the foundation elements, preparing for pouring all the concrete. And if they find

something, here's our list of requirements. You encounter a tank, we have to then screen the soil, pull the tank out, investigate for leaks. And so, they have a plan in place that says, we're going to have this contingency process, where if we see something, if we encounter something it will trip a set of steps that will address that in accordance with the state requirements, that get triggered by the fact that they encountered something.

CHAIR DAVID NEUFELD: Is there any difference or any particular regulatory or practice that takes place professionally, where the person doing the construction is the property owner, so to speak, not so to speak, is the property owner?

BRYAN: Sometimes the property owner is the redeveloper. Sometimes the property owner is doing work, removing a tank, putting on an addition --

CHAIR DAVID NEUFELD: So, my question now is assuming it's not a third party, because a third party is unrelated so to speak, other than a contractual obligation to undertake the work. But what if you have the owner becoming the

developer and handling the construction?

BRYAN: I would think that's why they have this excavation workplan, and within it a community air monitoring plan and indicating that a consultant would be involved. It's basically the baseline requirement of the state because like I'm guided by a set of principles and environmental license, it would be very similar to a PE a professional engineer license. Where even though you're hired by someone and you're working for your client in their best interest, but you have a legal and moral requirement to meet the minimum regulation requirements. And you can't ignore that. I come into it all the time with our clients where they're like, do we have to dig that tank up? Yep. You have to dig it up and you have to dig up the soil and I have to get clean soil samples, and this is just the way it is. And so that is the way their plan is written up. It has that protection level written in, so you can rely on it to where their consultant, this person with a legal and moral obligation and requirement would have to then abide by all the standards that are referred to in the FEIS.

CHAIR DAVID NEUFELD: Does the plan

require any particular consultant or any particular license or qualification or anything or just referred to as a consultant?

BRYAN: It right now refers to it a consultant. Where you can maybe reference is that New York state has an ID called a qualified environmental professional, a QEP. And so that could be something that could be established where you indicate that you're comfortable with a third-party person coming in, that is a QEP. And that QEP, you need a minimum it's like 10 years or so of experience, a minimum amount of work and it basically ties you to that legal and moral requirement to do the job that's established.

CHAIR DAVID NEUFELD: Where is this plan located? It's in the DEIS itself, in the binder?

BRYAN: Yeah. I've seen it through the different levels of review that we've completed, the applicant has submitted, in the results of their investigation, and in excavation workplan and in those documents that I'm referring to.

CHAIR DAVID NEUFELD: It's called the excavation workplan, right?

BRYAN: Yeah. EWP, excavation workplan.

MEMBER ASHLEY LEY: I think they're all included as appendices to the DEIS.

MEMBER ROBIN KRAMER: Bryan, I have a question for you. You kept referring to the Brownfield, is this a recognized Brownfield under the state program?

BRYAN: No. The Brownfield cleanup program, it's actually a very lucrative program. And you have to apply to the state. And it's almost hard to get into, because when you redevelop a property that is maligned by contamination, so typically it's just sitting there and no one can make any money off of it, and the town is not getting any ta revenue off of it, because it has this contamination that's worth more than the property. But if you go in and you clean it up the state says we'll give you a 50 percent property tax credit on how you clean it up, actually 25 percent, up to and we'll give you a 50 percent on your building cost, on your total buildout, and that way a property that's sitting there, that is maligned and is just one of those typical old industrial property and the town has no idea what to do with it. This gives a developer an opportunity to come in and take care

of it, and then down the line the town and the state starts reaping the benefits with property tax credits. So, this site, no, is not a Brownfield.

CHAIR DAVID NEUFELD: Thank you. Does anyone else have more questions of Bryan?

MEMBER ROBIN KRAMER: When you went through the DEIS, the appendices that you went through, was there anything there that you flagged that arose your concern?

BRYAN: There were things that I flagged at several points along the way, and as we went through the comment response process they slowly provided information that addressed those flags. For me the big thing is exposure. As a consultant of the town, I feel that my job is to make sure that you're group has the assurance that the main avenues of exposure are taken care of. So, you have human health and the environment. So, you have water. With water, what is that exposure potential. Are you drinking it? No. No one is drinking the water here, you can't. That takes care of that. Can something evaporate out of the water? And this is where I was saying take soil vapor samples to prove that you don't

need a vapor barrier and one of those sub slab depressurization systems.

MEMBER ROBIN KRAMER: So, did they do that?

BRYAN: They decided to add a vapor barrier and a sub slab depressurization system without even knowing if they needed one.

MEMBER ROBIN KRAMER: So they've taken care of the problem, it may not have been a problem but by putting in the vapor barrier they've eliminated the problem even if there isn't one.

BRYAN: Correct. Imagine that an apple is dangerous. You have to eat the apple. So, they put in that mechanism to prevent you from eating the apple. So, that was a big step that I was glad to see. It took a little while but I was glad to see it.

MEMBER ROBIN KRAMER: Now I have a question about vapor barriers and it's got to do with-- and again, my familiarity is more with New York City where department of buildings reviews it and DEC and you have a plan that you work out with DEC and contaminates. So, who verifies that in fact the vapor barrier has been installed or

whatever the right word is, I don't know what is the appropriate verb, but who verifies the barrier has been put into place as required?

BRYAN: So, a consultant will have a design. So, the consultant is going to provide a design to the developer that is stamped by a professional engineer. And then typically what happens is the professional engineer is going to go out once it's installed, to confirm that it was installed in accordance with the plans and the specifications. One thing I think you guys could do as a town is ask that the professional certification, be forwarded to you after the installation of the vapor barrier and the SSDS to show that those measures have been installed in accordance with the plans and specifications. Then you'll have your comfort to know that they're in place. And then what's great about a PE is that a professional engineer obviously has a very high standard of care as far as confirming that everything is done in accordance with what is required.

MEMBER ROBIN KRAMER: Any other concerns that you might have had-- at this point nothing says this is still a concern?

BRYAN: I'm good right now. I'll cover the other parts and that's soil. Vapor is covered with the vapor barrier, water is covered with the vapor barrier because A, you're not drinking it and B you're protecting against things that can evaporate out of it. And then for soil that excavation workplan has two parts. The plan where they direct things on site, so as we're digging it up we'll test things in accordance with the requirements, for A the reuse on site and B sending it offsite to a reuse or disposal facility. And then C, the third part is that community air monitoring plan. That's a part where they're going to monitor on the site, and this is in the responses where they say they're going to have a community air monitoring plan consistent with the parts of the New York state department of health community air monitoring plans where you're measuring for dust. So, as you're digging things up is that dust gets generated, the dust is a small particle particulate, it flows offsite with the wind and then you breath it in.

And so they're going to have monitoring stations in place that measure dust and also

volatiles. And to make sure that they stay below what our state department of health considers safe. And if it goes above that there are triggers. And that's where they talk about they're going to have things available to wet down the soil. IF they make it wet there's no more dust. They could even have foam. If you have volatiles you would put foam on it, and it makes it where it's no longer an odor hazard. So, there are measures in place that handle soil, water, and air. So, basically all in all and as your consultant they have come to the point where they have measures in place that address the exposure for the three environmental media on site. Water, air and soil. To the point where it meets at a minimum the requirements of the state. And so, above that we don't have any legal standing to enforce more.

And the state requirements are pretty stringent. You meet those and I'm comfortable with it. So, I would have to say at this point the written and established methods that they meet those requirements. And I think the net steps are when you move into an active phase, more of that hands on construction phase, just

provide us with a confirmation where you have met your established standards that meet the state requirements.

CHAIR DAVID NEUFELD: Question for you. Did you look into the construction documents that was there on the building that was built?

BRYAN: I didn't take a dive into the specifics of the construction, other than I think they're going to go like four feet below grade maximum for a foundation at this point in time. I knew it was at least possibly going into the water table where they may have to encounter dewater. And dewatering is a highly regulated thing where you have to get a permit, they call it NYDES, New York disposal elimination system. And you have to do testing on that and you have to confirm your discharge point. So, if they have to dewater there are very strict regulations in place to guide how they do that.

CHAIR DAVID NEUFELD: My question is are you aware with whether or not they were followed in the existing building?

BRYAN: When was the existing building constructed?

MEMBER ASHLEY LEY: I think the 90's.

Late 90's.

BRYAN: There's no way for me to know if that was done in that timeframe for the existing building.

CHAIR DAVID NEUFELD: Thank you,

BRYAN: That is the basic protocol, DEC, DOH, that's what's required to say do you need something there. Do you need a system, do you need a mitigation?

CHAIR DAVID NEUFELD: And to your knowledge they haven't done that testing on the existing building, correct?

BRYAN: Correct.

MEMBER CHARLES GOTTLIEB: So, I think we've got our work cut out for us for the next meeting. I think and I see that the applicant is listening here tonight so they'll have an indication what to expect in May.

CHAIR DAVID NEUFELD: If there's nothing further we'll go onto some of the old business. It's 8:55 and see in the next 25 minutes see if we can move ahead, unless there's anything someone has with this?

MEMBER ASHLEY LEY: I think Bryan and I are going to drop off.

CHAIR DAVID NEUFELD: Thank you very much.

C E R T I F I C A T I O N

I, Sonya Ledanski Hyde, certify that the foregoing transcript is a true and accurate record of the proceedings.

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Appendix C

Prior Approvals for Self-Storage Building

DEMO PERMIT

Village of Mamaroneck
169 Mt. Pleasant Ave
Mamaroneck, New York 10543
914-777-7731

Parcel ID: **8-111-29-42**

Permit #: **14-0698**
Permit Date: **7/29/2014**
Expiration Date: **7/29/2015**

Owner: E COAST N PROPERTIES LLC
Location: 560 FENIMORE RD
Applicant: E COAST N PROPERTIES LLC
Work Description: DEMO
Demolition of existing buildings at the near of the site (buildings E&F on attached existing survey. As Per Plan

Contractor:

Murphy Brothers Contracting
416 Waverly Ave
Mamaroneck, NY 10543

Work: 914-777-5777
Lic. Number: WC-00337-H87

Required Inspections:

PRE DEMO
CONSTRUCTION SAFETY FENCING
FINAL CO/CC

Tasks To Be Completed:

FINAL COST AFFIDAVIT

Fees:

COMMERCIAL APPLICATION FEE	$100.00
COMMERCIAL PERMIT FEE	$250.00
Total	$350.00

ALL PERMITS ARE REQUIRED TO HAVE EITHER A CERTIFICATE OF COMPLIANCE OR A CERTIFICATE OF OCCUPANCY. IF A CERTIFICATE OF OCCUPANCY IS REQUIRED, ONE MUST BE OBTAINED BEFORE THE BUILDING OR ANY PART MAY BE OCCUPIED.

NOTICE: All work shall be executed in strict compliance with the permit application, approved plans, the NYS Uniform Fire Prevention and Building Code, and all other laws, rules and regulations which apply. The building permit does not constitute authority to build in violation of any federal, state or local law or other rule or regulation.

Acting Building Inspector
Village of Mamaroneck - Building Department

Village of Mamaroneck Building Department
169 Mt. Pleasant Avenue
Mamaroneck, N.Y. 10543
914-777-7731 Fax 914-777-7792
www.village.mamaroneck.ny.us

RECEIVED
JUL 22 2014
BUILDING DEPARTMENT

Application # _____ Permit # 14-0890

Flood Plain Development Permit Application

SECTION 1: GENERAL PROVISIONS

1. No work may start until a permit is issued.
2. The permit may be revoked if any false statements are made herein.
3. If revoked, all work must cease until permit is re-issued.
4. Development shall not be used or occupied until a Certificate of Compliance is issued.
5. The permit is invalid if no work is commenced within six months of issuance.
6. Applicant is hereby informed that other permits may be required to fulfill local, state and federal regulatory requirements.
7. Applicant hereby gives consent to the Local Administrator or his/her representative to make reasonable inspections required to verify compliance.

1.Project address: 560 Fenimore Rd

Section	8	Block	111	Lot	24-42	What year was your house built ?	N/A

2. Owners name and address :
Sean + Chris Murphy
East Coast North Properties
416 Waverly Ave
Mamaroneck, NY 10543

Laura@murphybrothers.com
914 777-5777
E-Mail Address :
Phone #:

3. Applicants name and address (Please print) :
Laura Murphy
416 Waverly Ave
Mamaroneck, NY 10543

Laura@murphybrothers.com
914 777-5777
E-Mail Address :
Phone #:

4. Architect/Engineer name and address:
Kim Martelli Architects
138 Hanson Lane
New Rochelle, NY 10804

E-Mail Address :
Phone # : 914 255 6260

5. Contractor name and address:
Murphy Brothers Contracting, Inc
416 Waverly Ave
Mamaroneck, NY 10543

License # : WC-00337-487
Experation date: 5/13/16
Phone #: 914 777 5777

6. What is the cost of construction? $1,000,000

Description of Work:

Building a self-storage facility

Structual Development (Please check all that apply)

☐ Repair/ Replacement ☒ New Structure ☐ Resdential (1-2 Family) ☒ Demolition
☐ Alteration ☐ Addition ☐ Multi Family ☒ Non-Residential (Flood Proofing ?) self-storage

Other Development Activities (Please check all that apply)

☐ Grading Property (Up to 6" of Soil)
☐ Filling in Property ☐ Excavation (Except for Strucual Development checked above)
☐ Water Course Alteration (Including Dredging or Channel Modifications) ☒ Drainage Improvements
☐ Water or sewar system ☐ Road, Street or Bridge Construction ☐ Subdivision
☐ Other (Please Specify)

I, THE APPLICANT, CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.

(APPLICANT'S SIGNATURE) Laura Murphy **DATE** 7/18/14

SECTION 2:

FLOODPLAIN DETERMINATION (To be completed by LOCAL ADMINISTRATOR)

The proposed development is located on FIRM Panel No. **(Check the one that applies)**

☐	0351F	Dated September 28,2007	**The proposed development is in or adjacent to a flood area.**
☒	0353F	Dated September 28,2007	
☐	0354F	Dated September 28,2007	**The 100 year flood elevation at this site is:** 26 **Ft. NAVD**
☐	0361F	Dated September 28,2007	**Is the proposed development located in a floodway?**
☐	0362F	Dated September 28,2007	☐ Yes ☒ No

Signed **Date** 8.16.2014

SECTION 3:

ADDITIONAL INFORMATION REQUIRED (To be completed by LOCAL ADMINISTRATOR)

The applicant must submit the documents checked below before the application can be processed:

☒ A site plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.

☒ Development plans and specifications, drawn to scale, including where applicable, details for anchoring struc-tures, proposed elevation of lowest floor (including basement), types of water resistant materials used below the first floor, details of floodproofing of utilities located below the first floor, details of enclosures below the first floor, openings in

☐ Elevation Certificate

☐ Subdivision or other development plans (If the subdivision or other development exceeds 50 lots or 5 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if they are not otherwise available)

☐ Plans showing the watercourse location, proposed relocations, Floodway location.

☒ Topographic information showing existing and proposed grades, location of all proposed fill

Top of new fill elevation _____ FT. G NGVD 1929/ G NAVD 1988 (MSL)

☐ Other:

SECTION 4:

PERMIT DETERMINATION (To be completed by LOCAL ADMINISTRATOR)

I have determined that the proposed activity: A. ☒ Is

B. ☐ Is not

in conformance with provisions of Local Law # 8-1987. This permit is herby issued subject to the conditions attached to and made part of this permit.

SIGNED _____, DATE 09-19-2014

Additional comments:

1. "AS BUILT" DRAWING AND ELEVATION CERTIFICATE (NAVD 1988) SHALL BE SUBMITTED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
2. REFER TO "SWPPP ACCEPTANCE FORM" CONTAINING A LINK TO "SAMPLE AS-BUILT DRAWINGS" ON THE VILLAGE ENGINEER WEBPAGE

If BOX A is checked, the Local Administrator may issue a Development Permit upon payment of designated fee.
If BOX B is checked, the Local Administrator will provide a written summary of deficiencies. Applicant may revise and resubmit an application to the Local Administrator or may request a hearing from the Planning Board.

Varience Requsted : ☐ Yes ☒ No

Varience Approved : ☐ Yes ☐ No

Conditions: APPROVED PLANS

SIGNATURE _____ DATE 09-19-2014

MR. ANTHONY R. CARR, PE, CFM

VILLAGE ENGINEER

VILLAGE OF MAMARONECK

_____, CFM

Anthony R. Carr, CFM
#US-13-07075
Certified Floodplain Manager (CFM®)

SECTION 5:

AS-BUILT ELEVATIONS (To be submitted by APPLICANT before Certificate of Compliance is issued)

The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application). Complete 1 or 2 below.

1. Actual (As-Built) Elevation of the top of the lowest floor, including basement (in Coastal High Hazard Areas, bottom of lowest structural member of the lowest floor, excluding piling and columns) is:_____ FT. G NGVD 1929/ NAVD 1988 (MSL).
Attach Elevation Certificate FEMA Form 81-31

2. Actual (As-Built) Elevation of floodproofing protection is_____ FT. G NGVD 1929/ G NAVD 1988 (MSL).
Attach Floodproofing Certificate FEMA Form 81-65

NOTE: Any work performed prior to submittal of the above information is at the risk of the Applicant.

COMPLIANCE ACTION (To be completed by **LOCAL ADMINISTRATOR**)

The **LOCAL ADMINISTRATOR** will complete this section as applicable based on inspection of the project to ensure com-pliance with the community's local law for flood damage prevention.

INSPECTIONS:

DATE	BY	DEFICIENCIES ?	☐	Yes	☐	No
DATE	BY	DEFICIENCIES ?	☐	Yes	☐	No
DATE	BY	DEFICIENCIES ?	☐	Yes	☐	No

SECTION 7:

CERTIFICATE OF COMPLIANCE(To be completed by **LOCAL ADMINISTRATOR**)

Certificate of Compliance issued: DATE:_____

BY: _____

FLOOD DEVELOPMENT PERMIT

Village of Mamaroneck
169 Mt. Pleasant Ave
Mamaroneck, New York 10543
914-777-7731

Parcel ID: **8-111-29-42**

Permit #: **14-0890**
Permit Date: **9/26/2014**
Expiration Date: **9/26/2015**

Owner: E COAST N PROPERTIES LLC
Location: 560 FENIMORE RD
Applicant: E COAST N PROPERTIES LLC
Work Description: FLOOD DEVELOPMENT

Floodplain Development Permit has been Issued in Conjuction with BP#14-0876 which was Issued for he construction of (4) Story Self-Storage Facility

Contractor:

Murphy Brothers Contracting
416 Waverly Ave
Mamaroneck, NY 10543

Work: 914-777-5777
Lic. Number: WC-00337-H87

Required Inspections:

Tasks To Be Completed:

PROFESSIONAL CERTIFICATION

Fees:

Total $0.00

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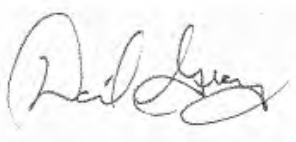

Acting Building Inspector
Village of Mamaroneck - Building Department

B.P.# 14-0876

APPROVED PLANS
X DATE 9/9/17
BUILDING INSPECTOR
VILLAGE OF MAMARONECK

POST PERMIT IN FULL VIEW
CALL 24 HRS PRIOR TO INSPECTION
☑ FOUNDATION SURVEY REQUIRED
☑ AS BUILT SURVEY REQUIRED

PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODES

NO DEVIATIONS WITHOUT PRIOR APPROVAL

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

RECEIVED
JUL 22 2014
BUILDING DEPARTMENT

RECEIVED
SEP 17 2014
BUILDING DEPARTMENT

MAMARONECK SELF-STORAGE

EAST COAST NORTH PROPERTIES, LLC
416 WAVERLY AVENUE, MAMARONECK, NY 10543
for Murphy Brothers Contracting

PROJECT TEAM

APPLICANT & PROPERTY OWNER:
MURPHY BROTHERS CONTRACTING
CONTACT: CHRIS & SEAN MURPHY
416 WAVERLY AVENUE
MAMARONECK, NY 10543
(914) 777-5777
laura@murphybrothers.com
sean@murphybrothers.com
chris@murphybrothers.com

ARCHITECT:
KTM ARCHITECT
CONCTACT: KIMBERLY T. MARTELLI
138 HANSON LANE
NEW ROCHELLE, NY 10804
(914)255-6260
ktm@ktmarchitect.com

SELF-STORAGE FIT-OUT VENDOR
BETCO, INC.
CONTACT: HENRY TRACZ
7 JENNIFER LANE
BURLINGTON, CT 06013
(860)558-2583
hjtracz@gmail.com

FIRE PROTECTION ENGINEER
FIRE PROTECTION DESIGN, INC.
CONTACT: MICHAEL KOUTSOFTAS
14 DENVER DRIVE
NEW CITY, N.Y. 10956
(845)634-2133, Ext. 102
(845)634-1533 FAX
mikefpd@verizon.net

GENERAL CONTRACTOR:
MURPHY BROTHERS CONTRACTING
CONTACT: CHRIS & SEAN MURPHY
416 WAVERLY AVENUE
MAMARONECK, NY 10543
(914) 777-5777
sean@murphybrothers.com
chris@murphybrothers.com

SITE ENGINEER:
HUDSON ENGINEERING & CONSULTING
CONTACT: MICHAEL STEIN
55 SOUTH BROADWAY
TARRYTOWN, NY 10591
(914)909-0420
michael@hudsonec.com

STRUCTURAL ENGINEER:
BETCO, INC.
CONTACT: JOHN BARNARD
228 COMMERCE BLVD
STATESVILLE, NC 28625
(704)872-2999
johnb@betcoinc.com

SURVEYOR
MUNSON LAND SURVEYORS
9 NORTH GOODWIN AVENUE
ELMSFORD, NY 10523
(914) 347-7703

REVISION/SUBMISSION NOTES

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ABBREVIATIONS

ADA	Americans with Disabilities Act	LBL	label
AFF	above finished floor	LAB	laboratory
AP	access panel	LB	lag bolt
ACOUS	acoustical	LAM	laminate (d)
ACPL	acoustical plaster	LAV	lavatory
ACR	acrylic plastic	LH	left hand
ADD	addendum	L	length
ADH	adhesive	LT	light
ADJ	adjacent	LW	lightweight
AGG	aggregate	LWC	lightweight concrete
A/C	air conditioning	LTL	lintel
ALT	alternate	LL	liveload
ALUM	aluminum	LR	living room
ANOD	anodized	LKR	locker
APT	apartment	LVR	louver
APPROX	approximately	LPT	low point
ARCH	architect (ural)		
A	area, architectural	MH	manhole
AD	area drain	MFR	manufacture (er)
ASPH	asphalt	MAS	masonry
@	at	MO	masonry opening
AUTO	automatic	MTL	METAL
		MAX	maximum
BSMT	basement	MECH	mechanic (al)
B	bathroom	MC	medicine cabinet
BRG	bearing	MED	medium
BPL	bearing plate	MBR	member
BM	bench mark	MEMB	membrane
BVL	beveled	MTFR	metal furring
BIT	bituminous	MRD	metal roof deck
BLK	block	MTHR	metal threshold
BLKG	blocking	M	meter (s)
BD	board	MM	millimeter
BT	bolts	MWK	millwork
BOT	bottom	MIN	minimum
BRK	brick	MIR	mirror
BRZ	bronze	MISC	miscellaneous
BLDG	building	MTD	mount (ed) (ing)
BUR	built up roofing	MOV	movable
		MULL	mullion
CAB	cabinet	NAT	natural
CLKG	caulk(ing), caulk(ing)	NOM	nominal
CPT	carpet (ed)	NMT	nonmetallic
CSMT	casement	N	north
CB	catch basin	NIC	not in contract
CLG	ceiling	NO	number
CHT	ceiling height		
CTR	center	OFF	office
CM	centimeter (s)	OC	on center (s)
CER	ceramic	OPEN'G	opening
CT	ceramic tile	OJ	open-web joist
CHAM	chamfer	OPP	opposite
CKD	checked	OPH	opposite hand
CIR	circle	OSB	oriented strand board
CIRC	circumference	OD	outside diameter
CLR	clear (ance)	OA	overall
CL/CLOS	closet	OH	overhead
COL	column		
COMB	combination	PNT	paint
COMBUST	combustible	PR	pair
COMP	compress (ed, ion, ible)	PNL	panel
CONC	concrete	PB	panic bar
CMU	concrete masonry unit	PAR	parallel
CONN	connection	PK	parking
CONST'N	construction	PTN	partition
CONT	continuous or continue	PV	pave (d) (ing)
CJT	control joint	PVMT	pavement
CPR	copper	PED	pedestal
CORR	corrugated	PERF	perforate
CORR	corridor	PLAS	plaster
CNTR	counter	PLAM	plastic laminate
CS	countersink	PL	plate
CRS	course (s)	PG	plate glass
CU.FT	cubic foot	PLYWD	plywood
CU.YD	cubic yard	PVC	polyvinyl chloride
		PE	porcelain enamel
DP	dampproofing	PT	point
DL	dead load	PCF	pounds per cubic foot
DEM	demolish, demolition	PFL	pounds per linear foot
DEPT	department	PSF	pounds per square foot
DEP	depressed	PSI	pounds per square inch
DTL	detail	PRCST	pre-cast
DIAG	diagonal	PCC	pre-cast concrete
DIA	diameter	PFB	prefabricate (d)
DIM	dimension	PFN	prefinished
DIV	division	PFR	preformed
DR	door	PROJ	project
DBL	double	PL	property line
DH	double hung		
DN	down	QUAN	quantity
DS	downspout		
D	drain	RAD	radius
DT	drain tile	RL	rail (ing)
DWR	drawer	RECEPT	receptacle
DWG	drawing	REC	recreation
DWN	drawn	REDWD	redwood
DRESS	dressing	RFL	reflect (ed) (tive) (or)
DF	drinking fountain	REF	refrigerator
DW	dishwasher	REG	register
		REINF	reinforce (d) (ing)
EA	each	RCP	reinforced conc. pipe
E	east	REM	remove
EIK	eat in kitchen	REQ	required
ELEC	electric(al)	REQ'MTS	requirements
EP	electrical panelboard	RESIL	resilient
EWC	electric water cooler	RET	return
EL	elevation	RH	right hand
ELEV	elevator	ROW	right of way
EMER	emergency	R	riser
ENCL	enclos(ure)	RD	roof drain
EQ	equal	RFH	roof hatch
EXCA	excavate	RFG	roofing
EXIST	existing	RM	room
EXP	expansion	RO	rough opening
EXT	exterior	RB	rubber base
		RBT	rubber tile
FB	face brick		
FOC	face of concrete	SFGL	safety glass
FOF	face of finish	SCHED	schedule
FOM	face of masonry	SCN	screen
FOS	face of studs	SNT	sealant
FN	fence	SECT	section
FG	Fiberglass	STG	seating
FIN	finish (ed)	SSK	service sink
FFE	finished floor elevation	SHTH	sheathing
FFL	finished floor line	SHT	sheet
FA	fire alarm	SH	shelf, shelving
FE	fire extinguisher	SIM	similar
FEC	fire extinguisher cabinet	SKL	skylight
FHC	fire hose cabinet	SL	sleeve
FHS	fire hose station	SC	solid core
FP	fireproof	SAFB	sound attenuation fire blankets
FSP	fire stand pipe	SP	sound proof
FLG	flashing	S	south
FLX	flexible	SPC	spacer
FLR	floor(ing)	SPL	special
FD	floor drain	SPEC	specification (s)
FPL	floor plate	SQ	square
FLUOR	fluorescent	SS	stainless steel
FJT	flush joint	STD	standard
FT	foot or feet	STA	station
FTG	footing	STL	steel
FDN	foundation	STOR	storage
FR	frame (d) (ing)	SD	storm drain
FO	framed opening / finished opening	STRUCT	structural
FBO	furnish by others	SUSP	suspended
FURR	furred (ing)	SYS	system
FUT	future		
		TV	television
GA	gage, gauge	THK	thick (ness)
GALV	galvanize	THR	threshold
GKT	gasket (ed)	TPD	toilet paper dispenser
GC	general contract (or)	TPTN	toilet partition
GL	glass, glazing	TOL	tolerance
GLB	glass block	T&G	tongue & groove
GB	grab bar	TOC	top of concrete
GRD	grade, grading	TOL	top of slab
GRN	granite	TST	top of steel
GVL	gravel	TOW	top of wall
GT	grout	TB	towel bar
GND	ground	TR	transom
GYP	gypsum	T	tread
GWB		TYP	typical
HDCP	handicapped	UC	undercut
HDWE	hardware	UL	underwriter's laboratories
HWD	hardwood	UNF	unfinished
HDR	header	UR	urinal
HTG	heating		
HVAC	heating/ventilation/air conditioning	VB	vapor barrier
HD	heavy duty	VNR	veneer
H.HGT	height	VRM	vermiculite
HES	high early-strength concrete	VERT	vertical
HC	hollow core	VEST	vestibule
HM	hollow metal	VIN	vinyl
HORIZ	horizontal	VCT	vinyl composition tile
HB	hose bibb	VB	vinyl base
HWH	hot water heater	VT	vinyl tile
HR	hour		
HP	high point	WSCT	wainscot
		WTW	wall to wall
INCIN	incinerator	WH	wall hung
INCL	include (d), (ing)	WC	water closet
ID	inside diameter	WP	waterproofing
INSUL	insulate (d) (ion)	WR	water repellent
INT	interior	WS	waterstop
INV	invert	WT	weight
IPS	iron pipe size	W	west/width
		WID	width, wide
JAN	janitor (s)	WIN	window
JC	janitor's closet	WM	wire mesh
JT	joint	W/	with
JF	joint filler	W/O	without
J	joist	WD	wood
		WB	wood base
KIT	kitchen	WPT	working point
KITTE	kitchenette		

SYMBOLS

SECTION NUMBER
DRAWING SHEET NUMBER

INTERIOR ELEVATION NUMBER

DETAIL
DRAWING SHEET NUMBER

ROOM TITLE
FLOOR FINISH

DOOR #

REVISION

CENTER LINE

ELEVATION

ROOF EDGE
DS DOWNSPOUT
GUTTER

REVISED DRAWING/DATA

G-101
NEW SHEET
(WHERE SHEET NUMBER IS CLOUDED)

MATERIAL LEGEND

ALUMINUM

EARTH

GRAVEL

CONTINUOUS WOOD MEMBER

STEEL

BATT INSULATION

LIGHT WEIGHT CONCRETE

FINISHED WOOD

WOOD SHIM

CAST STONE

RIGID INSULATION

CONCRETE

GENERAL NOTES

1. THESE GENERAL NOTES ARE TO BE USED IN CONJUNCTION WITH NOTES ON DRAWINGS. ANY, MORE RESTRICTIVE NOTES MENTIONED ELSEWHERE ARE TO TAKE PRECEDENCE OVER THESE NOTES.
2. ALL WORK SHALL COMPLY WITH THE BUILDING CODE OF NEW YORK STATE AND LOCAL, COUNTY, FEDERAL AGENCIES HAVING JURISDICTION OVER THE WORK, FIRE DEPARTMENT REGULATIONS, NBFU CODES, OSHA CODES AND BEST TRADES PRACTICES AND WITH THE PUBLIC ACCOMMODATIONS AND FACILITIES REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
3. PROVIDE WHERE INDICATED ON THE CONSTRUCTION DRAWINGS, FIRE RESISTANCE RATED ASSEMBLIES COMPLYING WITH GA FILE NO. 5 "FIRE RESISTANCE DESIGN MANUAL" OR TO DESIGN DESIGNATIONS IN U.L. "FIRE RESISTANCE DIRECTORY" OR IN LISTING OF OTHER TESTING AGENCIES ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
4. CONTRACTORS SHALL OBTAIN ALL NECESSARY PERMITS AS REQUIRED BY LOCAL LAWS AND REGULATIONS. APPLICATION FOR BUILDING PERMIT SHALL BE FILED BY OWNER.
5. IN GENERAL, EACH CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY AND/OR REQUIRED TO PERFORM AND COMPLETE ALL WORK REQUIRED FOR THE COMPLETE EXECUTION OF THE ENTIRE PROJECT.
6. THE USE OF THE WORDS "PROVIDE" OR "PROVIDED" IN CONNECTION WITH ANY ITEM SPECIFIED IS INTENDED TO MEAN THAT SUCH ITEM BE FURNISHED AND INSTALLED AND CONNECTED WHERE REQUIRED.
7. EACH CONTRACTOR SHALL INSPECT CONTRACT AREA AND VERIFY ALL JOB CONDITIONS PRIOR TO SUBMITTING BID. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER IMMEDIATELY. SUBMISSION OF BID SHALL IMPLY CONTRACTORS ACCEPTANCE OF THE DRAWINGS AND ALL EXISTING CONDITIONS. NO CLAIMS FOR EXTRA COMPENSATION, BASED ON IGNORANCE OF VISIBLE OR IMPLIED EXISTING CONDITIONS WILL BE CONSIDERED.
8. ALL DIMENSIONS AND CONDITIONS SHOWN AND ASSUMED ON THE DRAWINGS MUST BE VERIFIED AT THE SITE BY EACH CONTRACTOR BEFORE ORDERING ANY MATERIAL OR DOING ANY WORK. NO CHANGE IN PLANS, DETAILS OR DIMENSIONS IS PERMISSIBLE WITHOUT THE CONSENT OF THE ARCHITECT.
9. ALL WORK SHALL BE TRUE, LEVEL AND PLUMB AND OF THE BEST WORKMANSHIP FOR EACH TRADE. MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER AND ACCEPTABLE CONSTRUCTION INSTALLATION OR OPERATION OF ANY PART OF THE WORK SHALL BE INCLUDED IN THE WORK THE SAME AS IF SPECIFIED OR INDICATED.
10. EACH CONTRACTOR SHALL BE FULLY COVERED BY WORKMEN'S COMPENSATION INSURANCE AND SUCH INSURANCE AS MAY BE REQUIRED BY LOCAL LAWS OR BUILDING OWNER.
11. EACH CONTRACTOR SHALL GUARANTEE FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER, ALL WORK PERFORMED UNDER HIS CONTRACT. EACH CONTRACTOR TO FURNISH A WRITTEN GUARANTEE ON HIS WORK AGAINST DEFECTS RESULTING FROM THE USE OF INFERIOR MATERIALS, EQUIPMENT OR WORKMANSHIP. ALL SUCH DEFECTS ARE TO BE REPLACED OR REPAIRED, AT NO COST TO THE OWNER.
12. EACH CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL WORK TO THE ARCHITECT FOR REVIEW. DO NOT COMMENCE WORK UNTIL REVIEW AND ACCEPTANCE OF SHOP DRAWINGS HAS OCCURRED.
13. DURING THE COURSE OF CONSTRUCTION IF MODIFICATION TO THE DESIGN OCCURS AS A RESULT OF EXISTING CONDITIONS OR REQUEST BY OWNER, THE CONTRACTOR SHALL SUBMIT TWO WRITTEN COPIES OF A CHANGE ORDER WITH THE AMENDED PRICE. CONTRACTOR SHALL NOT CONTINUE WITH ANY CHANGES UNTIL HE RECEIVES WRITTEN AUTHORIZATION FROM THE OWNER.
14. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING AND NEW CONDITIONS AND MATERIALS WITHIN AND ADJACENT TO THE CONSTRUCTION AREA. ANY DAMAGE CAUSED BY THE EXECUTION OF THE WORK INDICATED SHALL BE REPAIRED OR REPLACED, TO THE ARCHITECT'S SATISFACTION, AT THE CONTRACTOR'S SOLE EXPENSE.
15. BY STARTING ANY WORK, CONTRACTOR SIGNIFIES ACCEPTANCE OF ANY PREVIOUSLY INSTALLED BACK-UP MATERIALS AND FRAMING AND WAIVES ANY RIGHT TO BLAME PRIOR WORK FOR ANY DEFECTS IN SUCH CONTRACTOR'S WORK.
16. UPON COMPLETION OF THE WORK, THE CONTRACT AREA IS TO BE COMPLETELY CLEANED INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
    a) COMPLETE SWEEPING OF ALL AREAS AND REMOVAL OF ALL RUBBISH AND DEBRIS.
    b) REMOVAL OF STAIN AND/OR PAINT FROM GLASS, HARDWARE, FINISHED FLOORING, ETC.
17. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR CORRECTNESS OF ANY MATERIAL OR DRAWINGS PREPARED BY OTHERS AND PROVIDED TO THE ARCHITECT.
18. ARCHITECT HAS NOT BEEN RETAINED FOR SUPERVISION OF PROJECT.

NO DEVIATIONS WITHOUT WRITTEN APPROVAL

PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODES

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

DRAWING LIST

SITE CIVIL

C-1	DEMOLITION PLAN
C-2	STORMWATER MANAGEMENT AND EROSION & SEDIMENT CONTROL PLAN
C-3	DETAILS
C-4	DETAILS
C-5	DETAILS
C-6	DETAILS
C-7	DETAILS
MPT-1	MAINTENANCE & PROTECTION OF TRAFFIC PLAN

ARCHITECTURAL

-	COVERSHEET
G-101	GENERAL INFORMATION
G-102	NYSBC CODE ANALYSIS & DETAILS
SY-101	SITE & LANDSCAPE PLANS
SY-102	PROJECT DATA, SITE DETAILS & TRAFFIC PLAN
A-101	FOUNDATION PLAN
A-102	FIRST FLOOR PLANS
A-103	SECOND FLOOR PLAN
A-104	THIRD FLOOR PLAN
A-105	FOURTH FLOOR PLAN
A-106	ROOF PLAN
A-201	EAST & NORTH ELEVATIONS
A-202	SOUTH & WEST ELEVATIONS
A-301	BUILDING & WALL SECTIONS
A-302	WALL SECTIONS & DETAILS
A-303	WALL SECTIONS & DETAILS
A-401	STAIR PLANS, SECTIONS & DETAILS
A-402	ELEVATOR PLAN, SECTION & SPECIFICATIONS

MECHANICAL & ELECTRICAL

M-101	MECHANICAL SCHEMATIC PLANS & SPECS
E-101	ELECTRICAL SCHEMATIC PLANS & SPECS

SELF-STORAGE FIT-OUT & STRUCTURAL (BETCO)

CS	COVER SHEET
S1	BUILDING NOTES
S2	FLOOR PLAN-1ST FLOOR
S3	FLOOR PLAN-2ND FLOOR
S4	FLOOR PLAN-3RD FLOOR
S5	FLOOR PLAN-4TH FLOOR
S6	BUILDING DETAILS
S7	CROSS SECTION AND DETAILS
S8	BUILDING DETAILS
S9	WALL SECTIONS
S9A	WALL SECTIONS
S10	BUILDING DETAILS
S11	FRAMING ELEVATION
S12	FRAMING ELEVATION
S13	FRAMING ELEVATION
S14	FRAMING ELEVATION
S15	STEEL FRAMING PLAN-1ST FLOOR
S16	STEEL FRAMING PLAN-2ND FLOOR
S17	STEEL FRAMING PLAN-3RD FLOOR
S18	ROOF BEAM FRAMING PLAN
S19	ROOF PANEL LAYOUT AND DETAIL
F1	FOUNDATION PLAN AND NOTES
F2	SLAB PLAN AND DETAILS
F3	SLAB PLAN AND DETAILS
F4	SLAB PLAN AND DETAILS
F5	FOUNDATION DETAILS
F6	ELEVATOR PIT DETAILS
F7	ELEVATOR SECTIONS AND DETAILS
F8	MASONRY DETAILS
F9	MASONRY ELEVATIONS
F10	MASONRY ELEVATIONS

FIRE PROTECTION

1 of 1	FIRE SPRINKLER PLAN

KTM
Architect, NCARB
Kimberly Tutera Martelli, PLLC
138 Hanson Lane
New Rochelle, NY 10804
ktm@ktmarchitect.com
(914)255-6260

MAMARONECK SELF-STORAGE
EAST COAST NORTH PROPERTIES, LLC
416 WAVERLY AVENUE, MAMARONECK, NY 10543
for Murphy Brothers Contracting

REVISION/SUBMISSION NOTES

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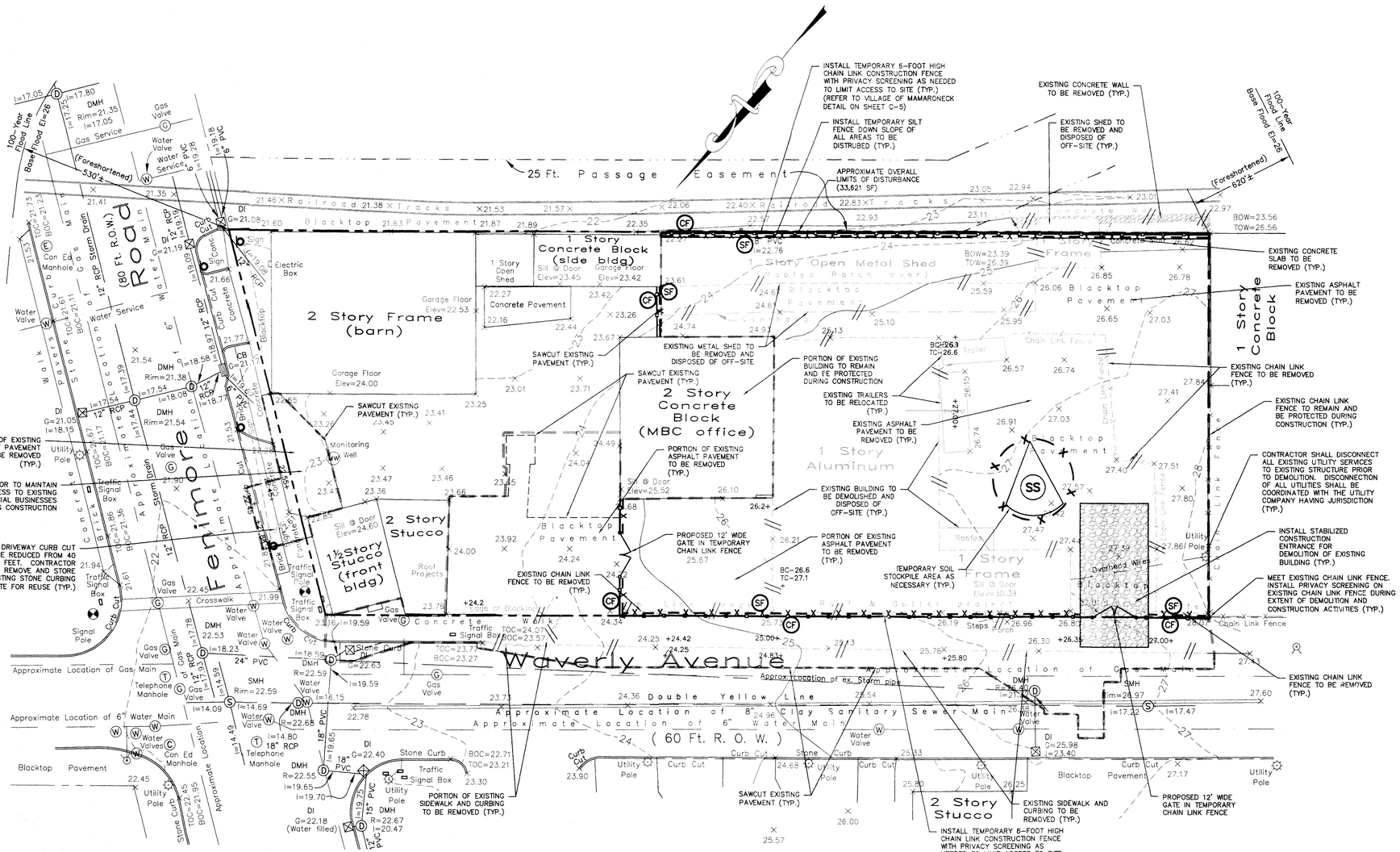
REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI STATE OF NEW YORK

project: 0051.00
date: 7/22/14
scale: N/A

drawing title:
GENERAL INFORMATION

drawing number:
G-101


INSTALL TEMPORARY 6-FOOT HIGH CHAIN LINK CONSTRUCTION FENCE WITH PRIVACY SCREENING AS NEEDED TO LIMIT ACCESS TO SITE (TYP.) (REFER TO VILLAGE OF MAMARONECK DETAIL ON SHEET C-5)
INSTALL TEMPORARY SILT FENCE DOWN SLOPE OF ALL AREAS TO BE DISTRUBED (TYP.)
APPROXIMATE OVERALL LIMITS OF DISTURBANCE (33,621 SF)
EXISTING CONCRETE WALL TO BE REMOVED (TYP.)
EXISTING SHED TO BE REMOVED AND DISPOSED OF OFF-SITE (TYP.)
100-Year Flood Line
Base Flood Elev=26
25 Ft. Passage Easement
(Foreshortened) 5.90'±
(Foreshortened) 6.20'±
BOW=23.56
TOW=26.56
EXISTING CONCRETE SLAB TO BE REMOVED (TYP.)
EXISTING ASPHALT PAVEMENT TO BE REMOVED (TYP.)
EXISTING CHAIN LINK FENCE TO BE REMOVED (TYP.)
EXISTING CHAIN LINK FENCE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION (TYP.)
CONTRACTOR SHALL DISCONNECT ALL EXISTING UTILITY SERVICES TO EXISTING STRUCTURE PRIOR TO DEMOLITION. DISCONNECTION OF ALL UTILITIES SHALL BE COORDINATED WITH THE UTILITY COMPANY HAVING JURISDICTION (TYP.)
INSTALL STABILIZED CONSTRUCTION ENTRANCE FOR DEMOLITION OF EXISTING BUILDING (TYP.)
MEET EXISTING CHAIN LINK FENCE. INSTALL PRIVACY SCREENING ON EXISTING CHAIN LINK FENCE DURING EXTENT OF DEMOLITION AND CONSTRUCTION ACTIVITIES (TYP.)
EXISTING CHAIN LINK FENCE TO BE REMOVED (TYP.)
PROPOSED 12' WIDE GATE IN TEMPORARY CHAIN LINK FENCE
EXISTING SIDEWALK AND CURBING TO BE REMOVED (TYP.)
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PORTION OF EXISTING SIDEWALK AND CURBING TO BE REMOVED (TYP.)
SAWCUT EXISTING PAVEMENT (TYP.)
EXISTING METAL SHED TO BE REMOVED AND DISPOSED OF OFF-SITE
PORTION OF EXISTING BUILDING TO REMAIN AND TO BE PROTECTED DURING CONSTRUCTION
EXISTING TRAILERS TO BE RELOCATED (TYP.)
EXISTING ASPHALT PAVEMENT TO BE REMOVED (TYP.)
EXISTING BUILDING TO BE DEMOLISHED AND DISPOSED OF OFF-SITE (TYP.)
PORTION OF EXISTING ASPHALT PAVEMENT TO BE REMOVED (TYP.)
TEMPORARY SOIL STOCKPILE AREA AS NECESSARY (TYP.)
PORTION OF EXISTING ASPHALT PAVEMENT TO BE REMOVED (TYP.)
CONTRACTOR TO MAINTAIN ACCESS TO EXISTING COMMERCIAL BUSINESSES DURING CONSTRUCTION
EXISTING DRIVEWAY CURB CUT WIDTH TO BE REDUCED FROM 40 FEET TO 32 FEET. CONTRACTOR SHALL REMOVE AND STORE EXISTING STONE CURBING ON-SITE FOR REUSE (TYP.)
EXISTING CHAIN LINK FENCE TO BE REMOVED (TYP.)
1 Story Concrete Block (side bldg)
1 Story Open Shed
2 Story Frame (barn)
2 Story Concrete Block (MBC office)
1 Story Aluminum
1 Story Frame
2 Story Stucco
1½ Story Stucco (front bldg)
Waverly Avenue
(80 Ft. R.O.W.)
(60 Ft. R. O. W.)
Approximate Location of Gas Main
Approximate Location of 6" Water Main
Approximate Location of 8" Clay Sanitary Sewer Main
Approximate Location of 6" Water Main
Approx. location of ex. Storm pipe
Approximate Location of Gas Main
Double Yellow Line
Blacktop Pavement
Concrete Walk
Gain Link Fence
Overhead Wires
Utility Pole
Traffic Signal Box
Traffic Signal Pole
Monitoring Well
Stone Curb
Curb Cut
Steps
Porch
Roofed
Roof Projects
Garage Floor Elev=22.53
Garage Floor Elev=24.00
Sill @ Door Elev=23.45
Garage Floor Elev=23.42
Sill @ Door Elev=24.60
Sill @ Door Elev=25.52
Sill @ Door Elev=30.53
Concrete Pavement
Trailer
Chain Link Fence
Water Valves
Con Ed Manhole
Telephone Manhole
Gas Valve
Water Valve
Water Service
Gas Service
Electric Box
Sign
Crosswalk
Edge of Blacktop
Edge of Pavement
Utility Pole
Traffic Signal Box
Stone Curb
Curb Cut
Blacktop Pavement
Utility Pole
Stone Curb
Approximate Location of 6" Water Main
Water Valves
Con Ed Manhole
Blacktop Pavement
Utility Pole
Stone Curb
Approximate Location of Gas Main
Telephone Manhole
Gas Valve
Water Valve
Water Valves
Traffic Signal Box
Utility Pole
Stone Curb
Curb Cut
Blacktop Pavement
Utility Pole
Curb Cut
Stone Curb
Curb Cut
Utility Pole
Curb Cut
Blacktop Pavement
Curb Cut
Utility Pole
SAWCUT EXISTING PAVEMENT (TYP.)
PORTION OF EXISTING SIDEWALK AND CURBING TO BE REMOVED (TYP.)
EXISTING SIDEWALK AND CURBING TO BE REMOVED (TYP.)
PROPOSED 12' WIDE GATE IN TEMPORARY CHAIN LINK FENCE
SAWCUT EXISTING PAVEMENT (TYP.)
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EXISTING CHAIN LINK FENCE TO BE REMOVED (TYP.)
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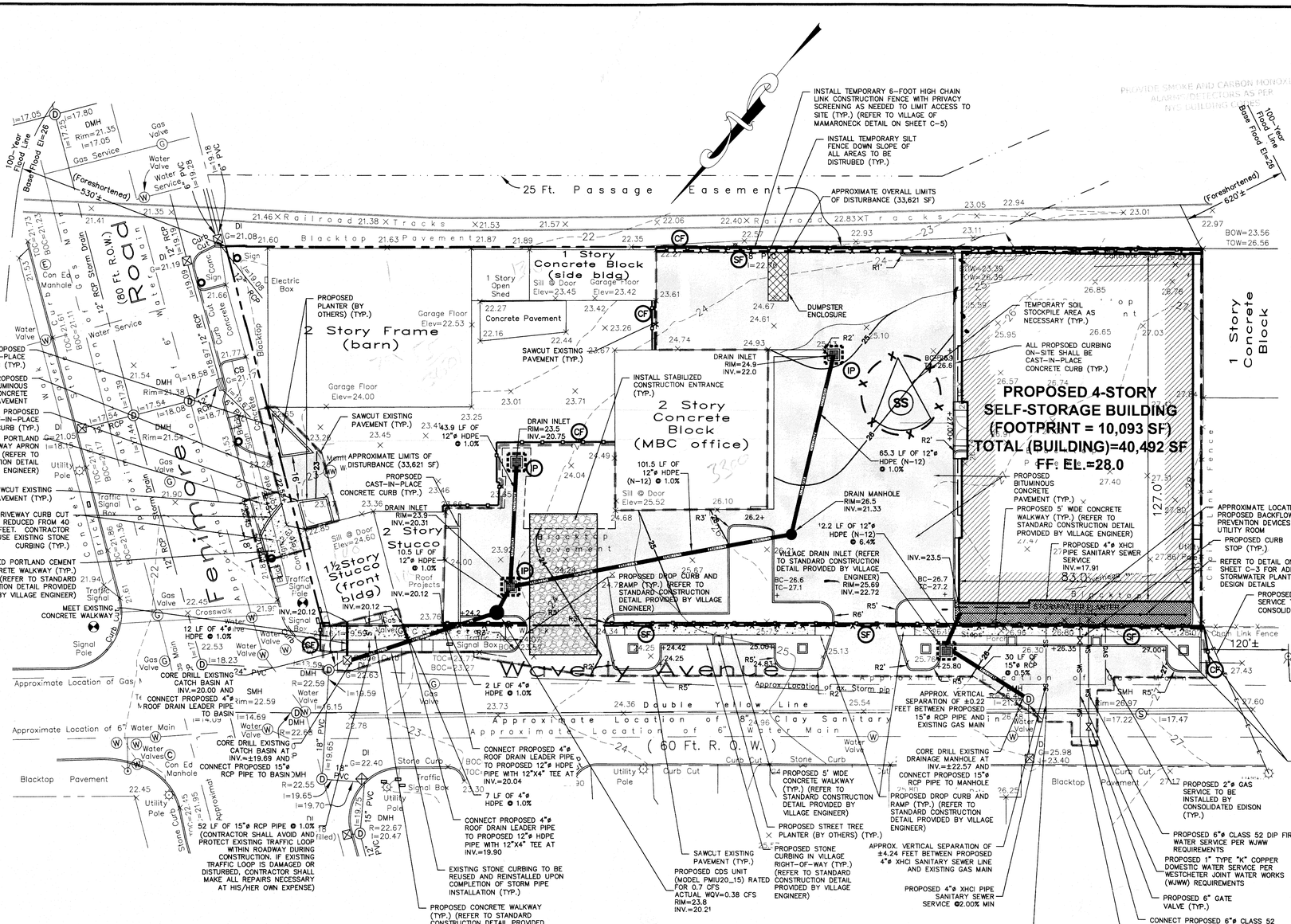
PORTION OF EXISTING SIDEWALK AND CURBING TO BE REMOVED (TYP.)
SAWCUT EXISTING PAVEMENT



LOCATION MAP

(Scale: 1"=200')

GENERAL NOTES:

1. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SUPERVISION OF THE CONSTRUCTION.
2. NO CHANGES SHALL BE MADE TO THESE PLANS EXCEPT AS PER NYS LAW CHAPTER 987.
3. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL APPLICABLE CODES, INCLUDING BUT NOT LIMITED TO ACI, AISC, ZONING, AND THE NEW YORK STATE BUILDING CODE.
4. ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
5. ALL CHANGES MADE TO THE PLANS SHALL BE APPROVED BY THE ENGINEER AND ANY SUCH CHANGES SHALL BE FILED AS AMENDMENTS TO THE ORIGINAL BUILDING PERMIT.
6. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEES, SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES, AND OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTACT WITH THE CONTRACTOR.
8. SAFETY DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL AGENCIES IN EFFECT DURING THE PERIOD OF CONSTRUCTION.
9. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL MAKE APPLICATION TO RECEIVE ALL NECESSARY PERMITS TO PERFORM THE WORK UNDER CONTRACT. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL BE LICENSED TO DO ALL WORK AS REQUIRED BY THE LOCAL, COUNTY, AND STATE AGENCIES WHICH MAY HAVE JURISDICTION OVER THOSE TRADES, AND SHALL PRESENT THE OWNER WITH COPIES OF ALL LICENSES AND INSURANCE CERTIFICATES.
10. FINAL GRADING AROUND THE BUILDING AREA SHALL SLOPE AWAY FROM THE STRUCTURE.
11. ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS.
12. ADJOINING PUBLIC AND PRIVATE PROPERTY SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION, REMODELING AND DEMOLITION WORK. PROTECTION MUST BE PROVIDED FOR FOOTINGS, FOUNDATIONS, PARTY WALLS, CHIMNEYS, SKYLIGHTS AND ROOFS. PROVISIONS SHALL BE MADE TO CONTROL WATER RUNOFF AND EROSION DURING CONSTRUCTION OR DEMOLITION ACTIVITIES. THE PERSON MAKING OR CAUSING AN EXCAVATION TO BE MADE SHALL PROVIDE WRITTEN NOTICE TO THE OWNERS OF ADJOINING BUILDINGS ADVISING THEM THAT THE EXCAVATION IS TO BE MADE AND THAT THE ADJOINING BUILDING SHOULD BE PROTECTED. SAID NOTIFICATION SHALL BE DELIVERED NOT LESS THAN 10 DAYS PRIOR TO THE SCHEDULED STARTING DATE OF THE EXCAVATION.
13. OWNER SHALL INSURE THAT THE INSURANCE PROVIDED BY THE CONTRACTOR HIRED TO PERFORM THE WORK SHALL BE ENDORSED TO NAME HUDSON ENGINEERING & CONSULTING, P.C., AND ANY DIRECTORS, OFFICERS, EMPLOYEES, SUBSIDIARIES, AND AFFILIATES, AS ADDITIONAL INSURED ON ALL POLICIES AND HOLD HARMLESS DOCUMENTS, AND SHALL STIPULATE THAT THIS INSURANCE IS PRIMARY, AND THAT ANY OTHER INSURANCE OR SELF-INSURANCE MAINTAINED BY HUDSON ENGINEERING & CONSULTING, P.C., SHALL BE EXCESS ONLY AND SHALL NOT BE CALLED UPON TO CONTRIBUTE WITH THIS INSURANCE. ISO ADDITIONAL INSURED ENDORSEMENT FORM NUMBER CG2010 1185 UNDER GL. COPIES OF THE INSURANCE POLICIES SHALL BE SUBMITTED TO AND HUDSON ENGINEERING & CONSULTING, P.C., FOR APPROVAL PRIOR TO THE SIGNING OF THE CONTRACT.
14. INDUSTRIAL CODE RULE 753: THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS PRIOR TO THE START OF HIS OPERATIONS AND SHALL COMPLY WITH ALL THE LATEST INDUSTRIAL CODE RUEL 753 REGULATIONS.
15. SADDLE CONNECTIONS ARE NOT PERMITTED FOR PROPOSED SANITARY LATERAL CONNECTION TO EX. CLAY MAINS. TO INSTALL THE PROPOSED CONNECTION, THE UPSTREAM SAN. MANHOLE SHALL BE PLUGGED, A SECTION OF THE EX. PIPE SHALL BE REMOVED TO THE PIPE BELLS AND NEW PIPE SECTION SHALL BE INSTALLED WITH COUPLINGS BETWEEN EXISTING AND PROPOSED PIPE.
16. ALL TRENCHING WITHIN VILLAGE RIGHT-OF-WAY SHALL BE COMPLETED PER VILLAGE OF MAMARONECK REQUIREMENTS. REFER TO VILLAGE OF MAMARONECK TRENCH DETAIL FOR ADDITIONAL INFORMATION.
17. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL CLEAN ALL COMPONENTS OF THE STORMWATER MANAGEMENT SYSTEM INCLUDING, BUT NOT LIMITED TO THE ATTENUATION SYSTEM, DRAIN INLETS, MANHOLES, TRENCH DRAINS, PIPING, ETC.

VILLAGE OF MAMARONECK NOTES:

1. INACTIVE AREAS OF DISTURBED SOILS WILL BE STABILIZED BY TEMPORARY OR PERMANENT STABILIZATION MEASURES, AS APPROPRIATE, WITHIN FOURTEEN (14) CALENDAR DAYS OF NO ACTIVITY AS REQUIRED BY NYSDEC STANDARD.
2. ALL CONSTRUCTION ACTIVITIES RESULTING IN A LAND DISTURBANCE GREATER THAN 2,000 SQUARE FEET BUT LESS THAN ONE ACRE SHALL INCLUDE WATER QUANTITY AND WATER QUALITY CONTROLS (POST-CONSTRUCTION STORMWATER RUNOFF CONTROLS), AS SET FORTH IN § 294-9 AND DESCRIBED IN THE NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL. QUANTITY CONTROLS SHALL PROVIDE STORMWATER ATTENUATION METHODS APPROPRIATELY SIZED, TO DETAIN ON SITE, THE ENTIRE VOLUME OF SITE RUNOFF FOR ALL (BOTH EXISTING AND PROPOSED) IMPERVIOUS SURFACES, RESULTANT FROM THE TWENTY-FIVE-YEAR DESIGN STORM IN ADDITION TO ANY OTHER STORMWATER QUANTITY CONTROLS REQUIRED FOR COMPLIANCE WITH THE NEW YORK STATE DEC PHASE II STORMWATER RULES.
3. THE APPLICANT SHALL NOTIFY THE VILLAGE OF MAMARONECK STORMWATER MANAGEMENT OFFICER (AND VILLAGE ENGINEER) 48 HOURS PRIOR TO THE WORK IDENTIFIED IN §294-11(A) OF THE VILLAGE CODE.
4. THE APPLICANT SHALL NOTE THAT IN ACCORDANCE WITH §294-11(A) OF THE VILLAGE CODE, AS-BUILT DRAWINGS FOR STORMWATER MANAGEMENT PRACTICES (AND NEWLY CONSTRUCTED SITE FEATURES) SHALL BE SUBMITTED AFTER FINAL CONSTRUCTION IS COMPLETED.

LEGEND

INSTALLATION & MAINTENANCE OF EROSION CONTROL:

CONSTRUCTION SCHEDULE
NOTIFY APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 5 DAYS PRIOR TO START.

EROSION CONTROL MEASURES
INSTALL ALL EROSION CONTROL MEASURES PRIOR TO START OF CONSTRUCTION. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY
MAINTENANCE (TO BE PERFORMED DURING ALL PHASES OF CONSTRUCTION)

AFTER ANY RAIN CAUSING RUNOFF, CONTRACTOR TO INSPECT HAYBALES, ETC. AND REMOVE ANY EXCESSIVE SEDIMENT AND INSPECT STOCKPILES AND CORRECT ANY PROBLEMS WITH SEED ESTABLISHMENT.
INSPECTIONS SHALL BE DOCUMENTED IN WRITING AND SUBMITTED TO THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION.

INSPECTION BY MUNICIPALITY – FINAL GRADING
REMOVE UNNEEDED SUBGRADE FROM SITE.
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY – LANDSCAPING

SPREAD TOPSOIL EVENLY OVER AREAS TO BE SEEDED. HAND RAKE LEVEL. BROADCAST 1.25 LB. BAG OF JONATHAN GREEN "FASTGROW" MIX OR EQUAL OVER AREA TO BE SEEDED. APPLY STRAW MULCH AND WATER WITHIN 2 DAYS OF COMPLETION OF TOPSOILING. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY – FINAL LANDSCAPING

GRASS ESTABLISHED.
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY – FINAL INSPECTION

ALL EROSION CONTROL MEASURES REMOVED AND GRASS ESTABLISHED.
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

No.	Description / Revisions	Date
10.	REVISED FOR BUILDING PERMIT APPLICATION	5/13/14
9.	REVISED PER VILLAGE COMMENTS	1/16/14
8.	REVISED PER LATEST BUILDING FOOTPRINT	12/24/13
7.		11/1/13
6.		8/28/13
5.		7/17/13
4.		10/29/12
3.		9/25/12
2.		8/24/12
1.		

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE

PROJECT:
SELF-STORAGE BUILDING
EAST COAST NORTH PROPERTIES LLC
416 WAVERLY AVENUE
MAMARONECK, NEW YORK 10543

STORMWATER MANAGEMENT AND EROSION & SEDIMENT CONTROL PLAN

STATE OF NEW YORK — MICHAEL S. FERRIS — LICENSED PROFESSIONAL ENGINEER — No. 60837 — Date

HEC
HUDSON ENGINEERING & CONSULTING, P.C.
55 South Broadway
Tarrytown, NY 10591
T: 914-909-0420
F: 914-560-2086

Date: 7/25/12
Scale: 1" = 20'
Drawn By: M.S.
Checked By: M.S.
Sheet: 2 / 8
Sheet No. C-2

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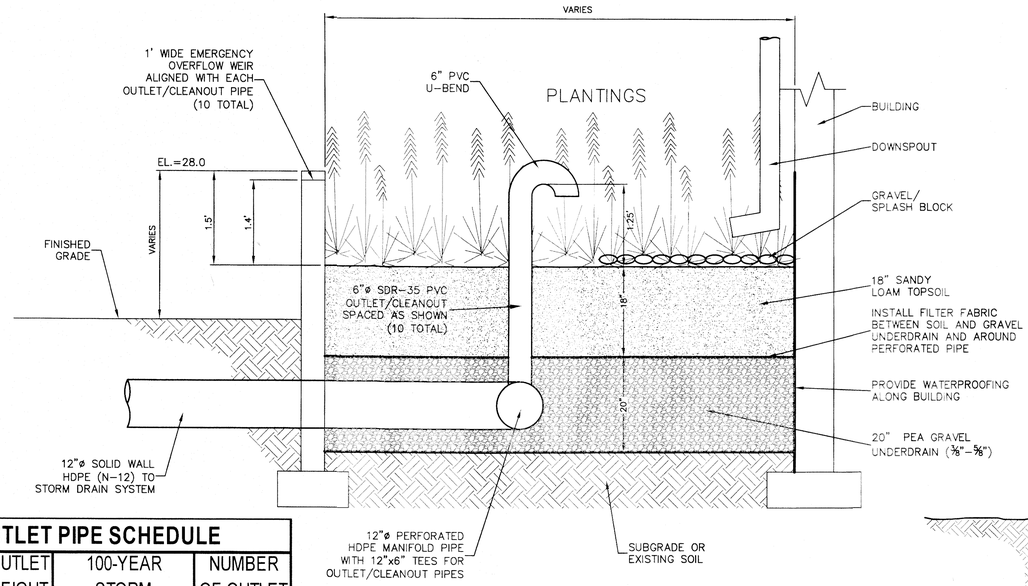
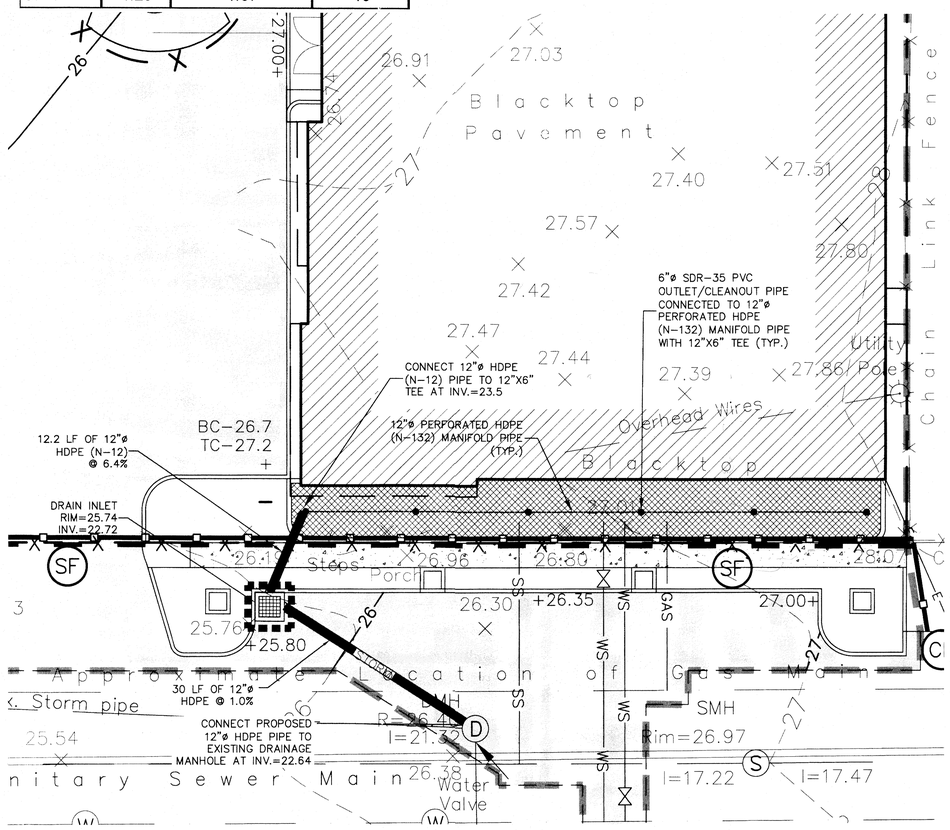
ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.



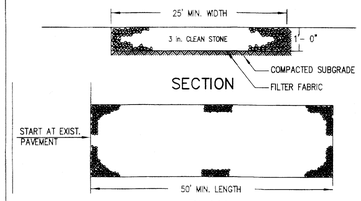
STORMWATER PLANTER

OUTLET PIPE SCHEDULE			
PLANTER	OUTLET HEIGHT (FT)	100-YEAR STORM HEIGHT (FT.)	NUMBER OF OUTLET PIPES
SP-1	1.25	1.37	10



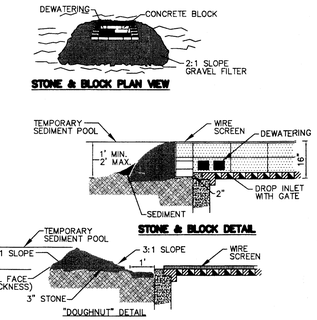
STORMWATER PLANTER SP-1
(SCALE: 1"=10')

Stabilized Construction Entrance



INSTALLATION NOTES:
1. STONE SIZE – USE 3" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – 25 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.
5. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

Stone & Block Drop Inlet Protection



CONSTRUCTION SPECIFICATION

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGIANST INLET FOR SUPPORT.
2. HARDWARECLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF BLOCK ON A 2:1 SLOPE OR FLATTER.
4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS.

MAXIMUM DRAINAGE AREA 1 ACRE.

INSTALLATION & MAINTENANCE OF EROSION CONTROL:

CONSTRUCTION SCHEDULE
NOTIFY APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 5 DAYS PRIOR TO START.

EROSION CONTROL MEASURES
Install all erosion control measures prior to start of construction. Call for inspection from the appropriate municipal agency having jurisdiction at least 2 days prior to finish.

INSPECTION BY MUNICIPALITY
MAINTENANCE (TO BE PERFORMED DURING ALL PHASES OF CONSTRUCTION)

After any rain causing runoff, Contractor to inspect haybales, etc. and remove any excessive sediment and inspect stockpiles and correct any problems with seed establishment. Inspections shall be documented in writing and submitted to the appropriate Municipal Agency having jurisdiction.

INSPECTION BY MUNICIPALITY
FINAL GRADING
Remove unneeded subgrade from site.
Call for inspection from the appropriate Municipal Agency having jurisdiction at least 2 days prior to finish.

INSPECTION BY MUNICIPALITY
LANDSCAPING

Spread topsoil evenly over areas to be seeded. Hand rake level.
Broadcast 1.25 lb. bag of Jonathan Green "Fastgrow" mix or equal over area to be seeded. Apply straw mulch and water within 2 days of completion of topsoiling. Call for inspection from the appropriate Municipal Agency having jurisdiction at least 2 days prior to finish.

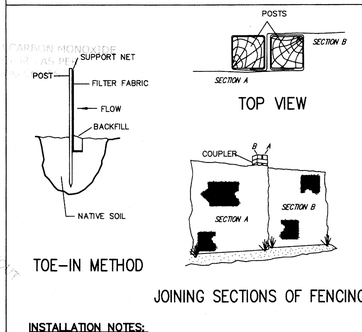
INSPECTION BY MUNICIPALITY
FINAL LANDSCAPING

Grass established.
Call for inspection from the appropriate Municipal Agency having jurisdiction at least 2 days prior to finish.

INSPECTION BY MUNICIPALITY
FINAL INSPECTION

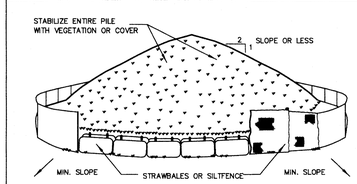
All erosion control measures removed and grass established.
Call for inspection from the appropriate Municipal Agency having jurisdiction at least 2 days prior to finish.

Silt Fence

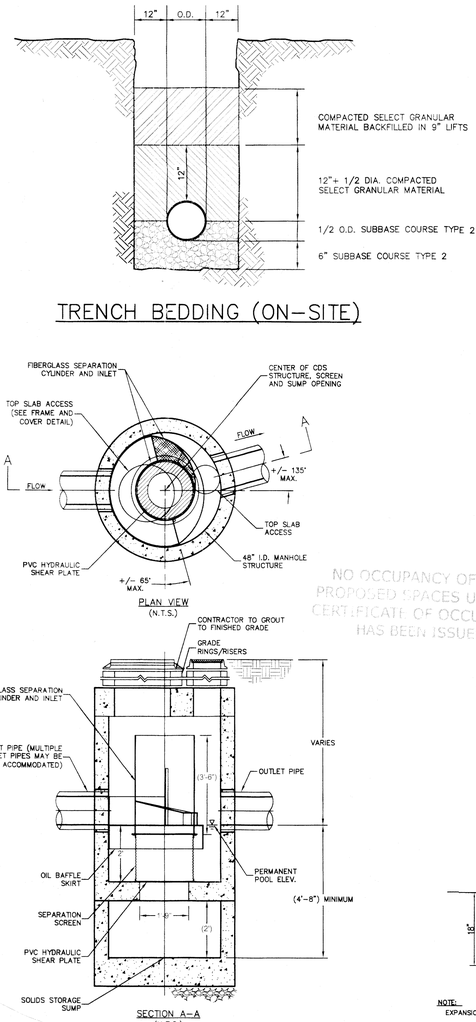


INSTALLATION NOTES:
1. EXCAVATE A 4 INCH * 4 INCH TRENCH ALONG THE LOWER PERIMETER OF THE SITE.
2. UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM)WALL OF THE TRENCH (NET SIDE AWAY FROM DIRECTION OF FLOW).
3. DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM.
4. LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH, BACKFILL THE TRENCH AND TAMP THE SOIL. STEEPER SLOPES REQUIRE AN INTERCEPT TRENCH.
5. JOIN SECTIONS AS SHOWN ABOVE.

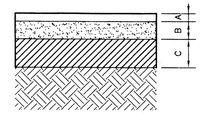
Soil Stockpiling



INSTALLATION NOTES:
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. SOILS OR FILL TO BE STOCKPILED ON SITE DURING CUTTING AND FILLING ACTIVITIES SHOULD BE LOCATED ON LEVEL PORTIONS OF THE SITE WITH A MINIMUM OF 50-75 FOOT SETBACKS FROM TEMPORARY DRAINAGE SWALES.
3. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
4. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
5. STOCKPILES REMAINING IN PLACE FOR MORE THAN A WEEK SHOULD BE SEEDED AND MULCHED OR COVERED WITH GEOTEXTILE FABRIC SURROUNDED BY SILT FENCE.
6. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILT FENCE.

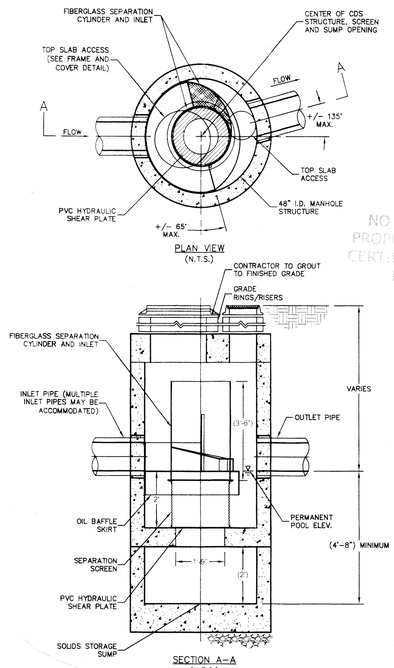


TRENCH BEDDING (ON-SITE)

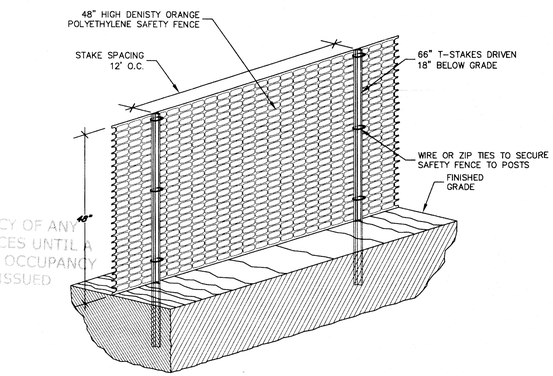


A- 2" TOP COURSE- N.Y.S.D.O.T. ITEM, 403.178202, TYPE 6 F2
B- 4" BINDER COURSE N.Y.S.D.O.T. ITEM, 403.13, TYPE 3
C- 6" SUBBASE COURSE- N.Y.S.D.O.T. ITEM, 304.12, TYPE 2

PAVEMENT SECTION (ON-SITE)

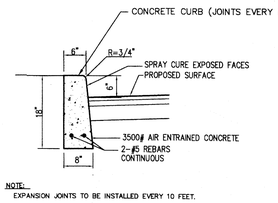


CONTECH CDS 2015 DETAIL



NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

CONSTRUCTION FENCE



NOTE:
EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET.

CONCRETE CURB (ON-SITE)

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

No.	Description Revisions	Date
5	REVISED FOR BUILDING PERMIT APPLICATION	5/13/14
4	REVISED PER VILLAGE COMMENTS	1/16/14
3	REVISED PER LATEST BUILDING FOOTPRINT	12/24/13
2		11/1/13
1		6/28/13

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE

PROJECT:
SELF-STORAGE BUILDING
EAST COAST NORTH PROPERTIES LLC
416 WAVERLY AVENUE
MAMARONECK, NEW YORK 10543

STATE OF NEW YORK · MICHAEL F. SIRRI · LICENSED PROFESSIONAL ENGINEER · No. 80637

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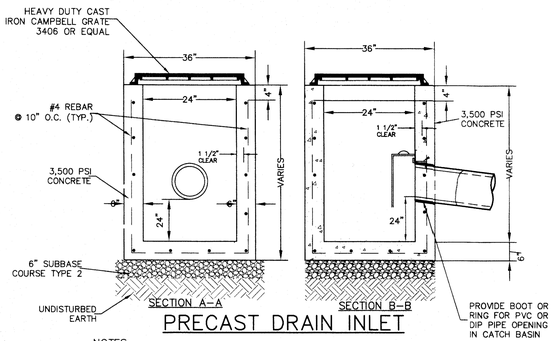
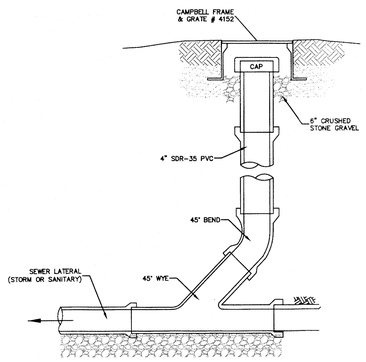
Date: 1/7/13 Sheet: 3
Scale: N.T.S. of 8
Drawn By: M.S.
Checked By: M.S.
Sheet No. C-3



PRECAST DRAIN INLET

NOTES:
1. CONCRETE – 3,500 PSI MINIMUM STRENGTH @ 28 DAYS
2. STEEL REINFORCEMENT – ASTM A-615, # 4 REBAR, GRADE 60
3. COVER TO STEEL – 1 ½" MINIMUM
4. DESIGN LOADING – AASHTO HS20-44
5. EARTH COVER – 0 TO 5 FEET
6. CONSTRUCTION JOINT – LAPPED

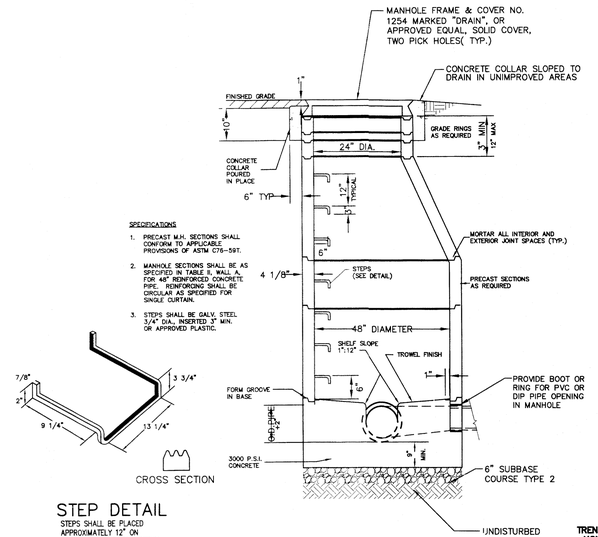


SEWER CLEANOUT DETAIL (GRAVITY)

(STORM OR SANITARY)

NOTES (SANITARY SEWER SERVICES):
1. ALL SANITARY SEWER SERVICES TO BE 4"ø SDR-35 @ 1.0% MINIMUM.
2. IN ACCORDANCE WITH THE NYS RESIDENTIAL BUILDING CODE, THE FOLLOWING REQUIREMENTS APPLY:
   A. CLEANOUTS SHALL BE INSTALLED NOT MORE THAN 100 FEET APART IN HORIZONTAL DRAINAGE LINES (P.3005.2.2).
   B. CLEANOUTS SHALL BE INSTALLED AT EACH CHANGE OF DIRECTION OF THE DRAINAGE SYSTEM GREATER THAN 45 DEGREES.
   C. CLEANOUTS SHALL BE INSTALLED SO THAT THE CLEANOUT OPENS TO ALLOW CLEANING IN THE DIRECTION OF THE FLOW OF THE DRAINAGE LINE (P.3005.2.8).

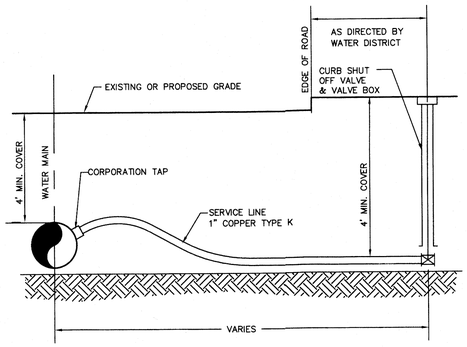
NOTES (STORM SEWER):
1. REFER TO PLAN FOR SPECIFIC PIPE SIZING AND SLOPE SPECIFICATIONS; HOWEVER IN GENERAL, ALL STORM SEWER SERVICES TO BE 6"ø SDR-35 @ 1.0% MINIMUM.
2. CLEANOUTS SHALL BE PLACED BEFORE SIGNIFICANT PIPE BEND LOCATIONS (I.E., JUNCTIONS, 90-DEGREE BENDS, ETC.) UNLESS A ROOF LEADER DOWNSPOUT CONNECTION IS PROPOSED.



STEP DETAIL

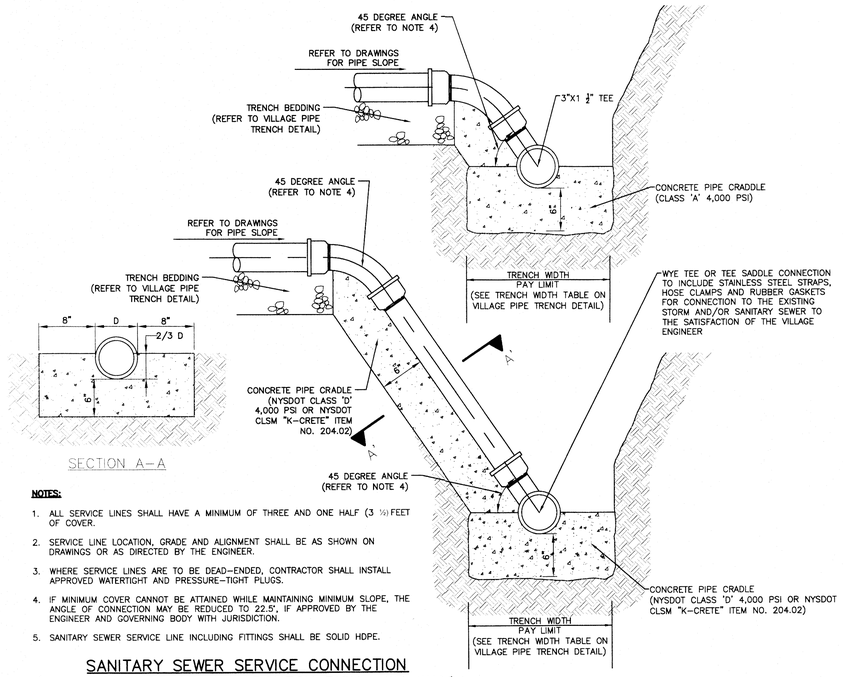
STEPS SHALL BE PLACED APPROXIMATELY 12" ON CENTER FOR THE FULL DEPTH OF THE MANHOLE. NO STEPS WILL BE REQUIRED IN MANHOLES LESS THAN 4' DEEP.

PRECAST CONCRETE DRAIN MANHOLE



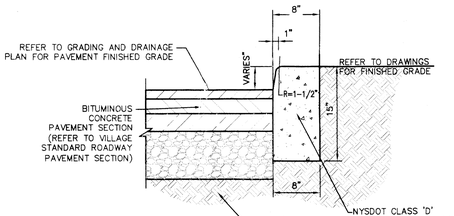
NOTES:
1. WATER DISTRICT TO FURNISH AND INSTALL CORPORATION TAP, SERVICE LINE, AND CURB SHUT OFF VALVE AND VALVE BOX.
2. CONTRACTOR TO EXCAVATE, MAINTAIN, BACKFILL, AND RESTORE TRENCH FOR THE TAP, SERVICE LINE, AND CURB SHUT OFF VALVE.
3. CONTRACTOR TO TAKE OUT PERMIT, PAY FEE, AND TO FOLLOW ALL RULES AND REGULATIONS OF THE LOCAL UTILITY AGENCY.

WATER SERVICE LINE LATERAL



NOTES:
1. ALL SERVICE LINES SHALL HAVE A MINIMUM OF THREE AND ONE HALF (3 ½) FEET OF COVER.
2. SERVICE LINE LOCATION, GRADE AND ALIGNMENT SHALL BE AS SHOWN ON DRAWINGS OR AS DIRECTED BY THE ENGINEER.
3. WHERE SERVICE LINES ARE TO BE DEAD-ENDED, CONTRACTOR SHALL INSTALL APPROVED WATERTIGHT AND PRESSURE-TIGHT PLUGS.
4. IF MINIMUM COVER CANNOT BE ATTAINED WHILE MAINTAINING MINIMUM SLOPE, THE ANGLE OF CONNECTION MAY BE REDUCED TO 22.5°, IF APPROVED BY THE ENGINEER AND GOVERNING BODY WITH JURISDICTION.
5. SANITARY SEWER SERVICE LINE INCLUDING FITTINGS SHALL BE SOLID HDPE.

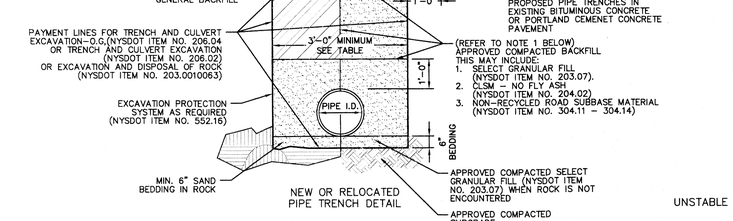
SANITARY SEWER SERVICE CONNECTION (WITHIN VILLAGE OF MAMARONECK RIGHT-OF-WAY)



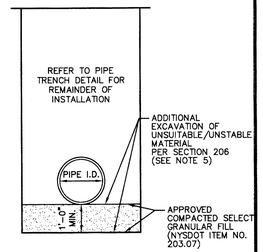
NOTES:
1. CONSTRUCTION JOINT SHALL BE INSTALLED AT THE MID-POINT BETWEEN EXPANSION JOINT SO CURB SEGMENT LENGTH WILL BE TEN (10 FEET).
2. PREMOLDED BITUMINOUS EXPANSION JOINT SHALL BE INSTALLED BETWEEN CURB SEGMENT TO SCALE EVERY TWENTY (20) FEET.
3. MATCH EXPANSION JOINT IF CURB IS INSTALLED ADJACENT TO SIDEWALK OR CONCRETE PAVEMENT.
4. CURB SEGMENT LENGTH MAY DIFFERENTIATE AT CLOSURE POINT TO SCALE, BUT SHALL NOT BE LESS THAN FOUR (4) FEET.
5. CURB SHALL CONFORM TO NYSDOT ITEM NO. 609.0304.

CAST IN PLACE CONCRETE CURB (WITHIN VILLAGE OF MAMARONECK RIGHT-OF-WAY)

PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODES



NEW OR RELOCATED PIPE TRENCH DETAIL



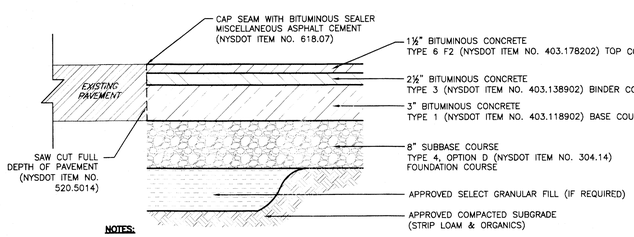
PIPE INSTALLATION IN UNSTABLE OR UNSUITABLE SOIL CONDITIONS

NOTES:
1. FOR PIPE TRENCH INSTALLATION PERPENDICULAR TO TRAFFIC FLOW (i.e. ACROSS THE ROADWAY), CONTROLLED LOW STRENGTH MATERIAL (CLSM – NYSDOT ITEM NO. 204.02) SHALL BE USED AS THE PIPE TRENCH BACKFILL MATERIAL. THE CLSM SHALL EXTEND FROM THE BOTTOM OF THE PIPE TRENCH UP TO THE BOTTOM OF THE ASPHALT CONCRETE BASE COURSE. SUBMITTALS OF THE CLSM (NYSDOT 204.02) SHALL BE PROVIDED TO THE VILLAGE ENGINEER FOR REVIEW AND APPROVAL. NYSDOT SELECT GRANULAR FILL AND SUBBASE MATERIAL ARE PERMITTED FOR PIPE TRENCHES PARALLEL TO TRAFFIC FLOW (e.g. AGAINST A CURBLINE, ALONG THE ROADWAY CENTERLINE, ETC.).
2. UNLESS OTHERWISE NOTED, THE EXCAVATION AND EMBANKMENT AND TRENCH AND CULVERT EXCAVATION SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTIONS 203 AND 206 AND OTHER APPLICABLE SECTIONS OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED SEPTEMBER 5, 2013 WITH LATEST REVISIONS.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ELEVATIONS OF EXISTING UTILITIES TO ENSURE ADEQUATE CLEARANCE FOR THE SEWER LINE EXISTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER (IN WRITING) OF CONFLICTING ELEVATIONS, ALLOWING THE ENGINEER ADEQUATE TIME TO REVISE GRADES WITHOUT NECESSITATING REMOVAL AND RECONSTRUCTION OF WORK ALREADY COMPLETED BY THE CONTRACTOR.
4. THE TOP PAYMENT LINE FOR TRENCH EXCAVATION SHALL BE PER NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTION 206 LAST REVISED SEPTEMBER 5, 2013 WITH LATEST REVISIONS.
5. THE MINIMUM TRENCH WIDTH MAY BE ADJUSTED TO (O.D.+12"), IF CONTROLLED LOW STRENGTH MATERIAL (CLSM) IS TO BE USED AS BACKFILL.
6. BEDDING BELOW THE PIPE INVERT SHALL BE REQUIRED FOR ALL SOIL CONDITIONS (i.e. STABLE, UNSTABLE, UNSUITABLE AND ROCK). PLEASE REFER TO THIS DETAIL FOR THE REQUIRED BEDDING MATERIAL FOR EACH SOIL CONDITION.
7. IF UNSTABLE OR UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED NEAR THE INVERT ELEVATION, A MINIMUM OF 1 FOOT AND A MAXIMUM OF 2 FEET OF MATERIAL SHALL BE EXCAVATED AND REPLACED WITH SELECT GRANULAR FILL. ADDITIONAL PAYMENT WILL BE MADE FOR MATERIAL PLACED TO TREAT UNSTABLE OR UNSUITABLE CONDITIONS.
8. BACKFILL SHALL BE INSTALLED AND COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS OF NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTION 203 LAST REVISED SEPTEMBER 5, 2013 WITH LATEST REVISIONS.
9. REFER TO PROOF ROLLING RESTRICTIONS IN §203-3.13E OF NYSDOT STANDARD SPECIFICATIONS.
10. AT THE CONTRACTOR'S RISK, CONSTRUCTION EQUIPMENT MAY BE ALLOWED TO CROSS OVER A PIPE INSTALLATION USING RAMPS CONSTRUCTED AS SHOWN IN NYSDOT PIPE TRENCH METHOD B-1 OR B-2 COMPACTED IN CONFORMANCE WITH THE REQUIREMENTS OF §203-3.12 OF NYSDOT STANDARD SPECIFICATIONS. ALL RAMPS WHICH CANNOT BE USED AS PART OF THE COMPLETED EMBANKMENT ARE INSTALLED AND REMOVED AT THE CONTRACTOR'S EXPENSE. ANY PIPE OR STRUCTURE DAMAGED OR DISTURBED BY THESE ACTIVITIES MUST BE REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.

EXCAVATION PAYMENT WIDTHS	
PIPE INSIDE DIAMETER (I.D.)	TRENCH WIDTH
3	3'-0"
4	3'-0"
6	3'-0"
8	3'-0"
10	3'-0"
12	3'-0"
14	3'-6"
16	3'-6"
18	3'-6"
20	4'-0"
24	4'-0"
30	4'-6"
36	5'-0"
42	5'-6"
48	6'-0"
54	6'-6"
60	7'-0"
64	7'-6"

NO DEVIATIONS WITHOUT PRIOR APPROVAL

PIPE TRENCH (WITHIN VILLAGE OF MAMARONECK RIGHT-OF-WAY)



NOTES:
1. UNLESS OTHERWISE NOTED, BITUMINOUS CONCRETE SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 403 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED MAY 1, 2008 WITH LATEST REVISIONS.
2. UNLESS OTHERWISE NOTED, SUBBASE COURSE SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 300 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED MAY 1, 2008 WITH LATEST REVISIONS.
3. DETAIL DEPICTS COMPACTED PAVEMENT THICKNESS.

BITUMINOUS CONCRETE PAVEMENT SECTION (WITHIN VILLAGE OF MAMARONECK RIGHT-OF-WAY)

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

No.	Revisions	Date
1	REVISED FOR BUILDING PERMIT APPLICATION	5/5/14

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE

PROJECT:

SELF-STORAGE BUILDING
EAST COAST NORTH PROPERTIES LLC
416 WAVERLY AVENUE
MAMARONECK, NEW YORK 10543

STATE OF NEW YORK · MICHAEL F. STERN · LICENSED PROFESSIONAL ENGINEER · No. 80637 · Date

DETAILS

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Drawn By:	M.S.
Checked By:	M.S.
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CONSTRUCTION PHASE

During the construction phase of the project, a sediment and erosion control plan shall be implemented in accordance with the New York State Department of Environmental Conservation's Best Management Practices (BMP). The primary goals of the sediment and erosion control plan are to prevent the tracking of dirt and mud onto adjacent roads, to prevent mud and silt from entering into existing and proposed drainage facilities, and to protect the receiving waters from contamination during the construction.

During construction, the party responsible for implementing the temporary (during construction) Stormwater Management facilities Maintenance Program will be the owner. Contact information will be filed with the Village .

A New York State Professional Engineer or Certified Professional In Erosion and Sediment Control (P.E. or CPESC) shall conduct an assessment of the site prior to the commencement of construction and certify in an inspection report that the appropriate erosion and sediment controls shown on the plan have been adequately installed and/or implemented to ensure overall preparedness of the site for construction. Following the commencement of construction, site inspections shall be conducted by the P.E. or CPESC at least every 7 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater. During each inspection, the representative shall record the following:

1. On a site map, indicate the extent of all disturbed site areas and drainage pathways. Indicate site areas that are expected to undergo initial disturbance or significant site work within the next 14-day period;
2. Indicate on a site map all areas of the site that have undergone temporary or permanent stabilization;
3. Indicate all disturbed site areas that have not undergone active site work during the previous 14-day period;
4. Inspect all sediment control practices and record approximate degree of sediment accumulation as a percentage of the sediment storage volume;
5. Inspect all erosion and sediment control practices and record all maintenance requirements. Identify any evidence of rill or gully erosion occurring on slopes and any loss of stabilizing vegetation or seeding/mulching. Document any excessive deposition of sediment or ponding water along the barrier. Record the depth of sediment within containment structures and any erosion near outlet and overflow structures.
6. All identified deficiencies.

The P.E. or CPESC shall maintain a record of all inspection reports in a site logbook. The site logbook shall be maintained on-site and be made available to the Village of Mamaroneck and the NYSDEC. A summary of the site inspection activities shall be posted on a monthly basis in a publicly accessible location at the site.

CONSTRUCTION SEQUENCING

The following erosion control schedule shall be utilized:

1. Place orange construction fencing around limit of disturbance to limit access to site.
2. Install a stabilized construction entrance at the access point(s) to the development area.
3. Establish construction staging area.
4. Install tree protection on trees as necessary.
5. Install silt fence down slope of all areas to be disturbed as shown on the plan.
6. Install inlet protection on all existing drainage structures.
7. Remove trees where necessary (clear & grub) for the proposed construction.
8. Strip topsoil as necessary and stockpile at the locations specified on the plans (up gradient of erosion control measures). Temporarily stabilize topsoil stockpiles (hydroseed during May 1st through October 31st planting season or by covering with a tarpaulin(s) November 1st through April 30th. Install silt fence around toe of slope.
9. Grade entire parking area to sub-grade elevation.
10. Construct building.
11. Install stormwater management system and tributary drainage system. Install inlet protection at all proposed drain inlets and existing drainage structures to remain.
12. Install driveway pavement.
13. Install 4'-6" topsoil, fine grade, seed the entire project site and install landscape plantings. Spread salt hay over seeded areas.
14. Remove all temporary soil erosion and sediment control measures after the site is stabilized with vegetation.

*Soil erosion and sediment control maintenance must occur weekly and prior to and after every ½" or greater rainfall event.

EROSION AND SEDIMENT CONTROL COMPONENTS

The primary aim of the soil and sediment control measures is to reduce soil erosion from areas stripped of vegetation during and after construction and to prevent silt from reaching the off-site drainage structures and downstream properties. As outlined in the Construction Sequencing schedule, the Sediment and Erosion Control Components are an integral component of the construction sequencing and will be implemented to control sedimentation and re-establish vegetation.

Planned erosion and sedimentation control practices during construction include the installation, inspection and maintenance of the inlet protection, soil stockpile areas, diversion swales and silt fencing. General land grading practices, including land stabilization and construction sequencing are also integrated into the Sediment and Erosion Control Plan. Dust control is not expected to be a problem due to the relatively limited area of exposure, the undisturbed perimeter of trees around the project area and the relatively short time of exposure. Should excessive dust be generated, it will be controlled by sprinkling.

All proposed soil erosion and sediment control practices have been designed in accordance with the following publications:

- New York State standards and Specifications for Urban Erosion and Sediment Control, August 2005
- New York State General Permit for Stormwater Discharges, GP-0-10-001 (General permit).
- "Reducing the Impacts of Stormwater Runoff from New Development", as published by the New York State Department of Environmental Conservation (NYSDEC), second edition, April, 1993.

The proposed soil erosion and sediment control devices include the planned erosion control practices outlined below. Maintenance procedures for each erosion control practice have also been outlined below.

- **SILT FENCE**

Silt fence (geo-textile filter cloth) shall be placed in locations depicted on the approved plans. The purpose of the silt fence is to reduce the velocity of sediment laden stormwater from small drainage areas and to intercept the transported sediment load. In general, silt fence shall be used at the toe of slopes or intermediately within slopes where obvious channel concentration of stormwater is not present.

Maintenance

Silt fencing shall be inspected at a minimum of once per week and prior to and within 24 hours following a rain event ½" or greater. Inspections shall include ensuring that the fence material is tightly secured to the woven wire and the wire is secured to the wood posts. In addition, overlapping filter fabric shall be secured and the fabric shall be maintained a minimum of six (6) inches below grade. In the event that any "bulges" develop in the fence, that section of fence shall be replaced within 24 hours with new fence section. Any sediment build-up against the fence shall be removed within 24 hours and deposited on-site a minimum of 100 feet outside of any wetland or watercourse.

The installation of silt fencing will be maintained or replaced until the fencing is no longer necessary. Once the site is stabilized, all silt fences shall be removed. The immediate area occupied by the silt fence will be shaped to an acceptable grade and stabilized.

- **INLET PROTECTION**

After catch basins and surface inlets have been installed, these drain inlets will receive stormwater from the roadways, driveways, and surrounding overland watersheds. In order to protect the receiving waters from sedimentation, the contractor shall install stone and block inlet protection as shown on the plans. Once installed, ¾ inch stone aggregate shall be installed around the perimeter of all catch basins and surface inlets as illustrated on the approved plans. This barrier will allow stormwater to be filtered prior to reaching the basin inlet grate.

The stone barrier should have a minimum height of 1 foot and a maximum height of 2 feet. Do not use mortar. The height should be limited to prevent excess ponding and bypass flow. Recess the first course of blocks at least 2 inches below the crest opening of the storm drain for lateral support. Subsequent courses can be supported laterally if needed by placing a 2x4 inch wood stud through the block openings perpendicular to the course. The bottom row should have a few blocks oriented so flow can drain through the block to dewater the basin area. The stone should be placed just below the top of the blocks on slopes of 2:1 or flatter. Place hardware cloth of wire mesh with ½ inch openings over all block openings to hold stone in place.

As an optional design, the concrete blocks may be omitted and the entire structure constructed of stone, ringing the outlet ("doughnut"). The stone should be kept at a 3:1 slope toward the inlet to keep it from being washed into the inlet.

A level area 1 foot wide and four inches below the crest will further prevent wash. Stone on the slope toward the inlet should be at least 3 inches in size for stability and 1 inch or smaller away from the inlet to control flow rate. The elevation of the top of the stone crest must be maintained 6 inches lower than the ground elevation down slope from the inlet to ensure that all storm flows pass over the stone into the storm drain and not past the structure.

The barrier should be inspected after each rain event and repairs made within 24 hours. Remove sediment as necessary to provide for accurate storage volume for subsequent rains. Upon stabilization of contributing drainage area, remove all materials and any unstable soil and dispose of properly. Bring the disturbed area to proper grade, smooth, compact and stabilized in a manner appropriate to the site.

Maintenance

Stone aggregate shall be inspected weekly prior to and within 24 hours following a rain event ½" or greater. Care shall be taken to ensure that all stone aggregate are properly located and secure and do not become displaced. The stone aggregate shall be inspected for accumulated sediments and any accumulated sediment shall be removed from the device and deposited not less than 100 feet from wetland or watercourse.

- **TREE PROTECTION**

All significant trees to be preserved located within the limits of disturbance and on the perimeter of the disturbance limits shall be protected from harm by erecting a 3' high (minimum) snow fence completely surrounding the tree. Snow fence should extend to the drip-line of the tree to be preserved. Trees designated to be protected shall be identified during the staking of the limits of disturbance for each construction phase.

Maintenance

The snow fence shall be inspected daily to ensure that the perimeter of the fence remains at the drip-line of the tree to be preserved. Any damaged portions of the fence shall be repaired or replaced within 24 hours. Care shall also be taken to ensure that no construction equipment is driven or parked within the drip-line of the tree to be preserved.

- **SOIL/SHOT ROCK STOCKPILING**

All soil and shot rock stripped from the construction area during grubbing and mass grading shall be stockpiled in locations shown on the plans, but in no case shall they be placed within 100' of a wetland or watercourse. The stockpiled soils shall be re-used during finish-grading to provide a suitable growing medium for plant establishment. Soil stockpiles shall be protected from erosion by vegetating the stockpile with rapidly -germinating grass seed (during the May 1st - October 30th) planting season or covering the stockpile with tarpaulin the remainder of the year. Install silt fence around toe of slope.

Maintenance

Sediment controls (silt fence) surrounding the stockpiles shall be inspected according to the recommended maintenance outline above. *All stockpiles shall be inspected for signs of erosion or problems with seed establishment weekly or tarpaulin and prior to and within 24 hours following a rain*

- **GENERAL LAND GRADING**

The intent of the Erosion & Sediment Control Plan is to control disturbed areas such that soils are protected from erosion by temporary methods and, ultimately, by permanent vegetation. Where practicable, all cut and fill slopes shall be kept to a maximum slope of 2:1. In the event that a slope must exceed a 2:1 slope, it will be stabilized with stone riprap. On fill slopes, all material will be placed in layers not to exceed 12 inches in depth and adequately compacted. Diversion swales shall be constructed on the top of all fill embankments to divert any overland flows away from the fill slopes.

- **SURFACE STABILIZATION**

All disturbed areas will be protected from erosion with the use of vegetative measures (i.e., grass seed mix, sod) hydromulch netting or hay. When activities temporarily cease during construction, soil stockpiles and exposed soil should be stabilized by seed, mulch or other appropriate measures within 7 days after construction activity has ceased, or 24 hours prior to a rain event ½" or greater.

All seeded areas will be re-seeded areas as necessary and mulched according to the site plan to maintain a vigorous, dense vegetative cover,

Erosion control barriers consisting of silt fencing shall be placed around exposed areas during construction. Where exposed areas are immediately uphill from a wetland or watercourse, the erosion control barrier will consist of silt fence or double rows of silt fencing. Any areas stripped of vegetation during construction will be vegetated and/or mulch, but in no case more than 14 days to prevent erosion of the exposed soils. And topsoil removed during construction will be temporarily stockpiled for future use in grading and landscaping.

As mentioned above, temporary vegetation will be established to protect exposed soil areas during construction. If growing conditions are not suitable for the temporary vegetation, mulch will be used to the satisfaction of the Village Engineer. Materials that may be used for mulching include straw, hay, salt hay, wood fiber, synthetic soil stabilizers, mulch netting, sod or hydromulch. In site areas where significant erosion potential exists (steep slopes) and where specifically directed by the Village 's representative, Curlex Excelsior erosion control blankets (manufactured by American Excelsior, or approved equal) shall be installed. A permanent vegetative cover will be established upon completion of construction of those areas that have been brought to finish-grade and to remain undisturbed.

- **Temporary Stabilization (May 1st through October 31st planting season)**

The following seeding application should be used depending on the time of year.

- Spring/summer or early fall, seed the area with ryegrass (annual or perennial) at 30 lbs. per acre (Approximately 0.7 lb/1000 sq. ft. or use 1 lb/1000 sq. ft.).
- Late fall or early winter, seed Certified 'Aroostook' winter rye (cereal rye) at 100 lbs. per acre (2.5 lbs/1000 sq. ft.).

- **Permanent Stabilization (May 1st through October 31st planting season)**

1. Provide minimum of four (4) inches topsoil for all new lawn areas. Top dress all existing disturbed lawn areas with two (2) inches of topsoil.
2. Grass seed shall be evenly sown by mechanical seeder at a rate of 3.0-4.0 pounds per 1,000 square feet.
3. Fine rake, roll and water to a depth of one inch all seeded areas.
4. Apply air-dried hay or straw mulch to provide 90% coverage of surface (approximately 90 lbs. per 1,000 sf). Use small grain straw where mulch is maintained for more than three months
5. Contractor shall provide, at his own expense, protection against trespassing and other damage to lawn areas.
6. Lawn seed mix shall include:

a.General Recreation areas and lawns:

- 65% Kentucky Bluegrass blend
- 15% Fine fescue
- 20% Perennial Rye

Sod may be used as an alternate to seeding in select areas.

Slow release fertilizers will be applied by hand to horticultural plantings as part of regular horticultural maintenance program and shall be limited to a single spring application.

CONSTRUCTION PRACTICES TO MINIMIZE STORMWATER CONTAMINATION

Adequate measures shall be taken to minimize contaminant particles arising from the discharge of solid materials, including building materials, grading operations, and the reclamation and placement of pavement, during project construction, including but not limited to:

- Building materials, garbage, and debris shall be cleaned up daily and deposited into dumpsters, which will be periodically removed from the site and appropriately disposed of.
- Dump trucks hauling material from the construction site will be covered with a tarpaulin.
- The paved street adjacent to the site entrance will be swept daily to remove excess mud, dirt, or rock tracked from the site.
- Petroleum products will be stored in tightly sealed containers that are clearly labeled.
- All vehicles on site will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage.
- All spills will be cleaned up immediately upon discovery. Spills large enough to reach the storm system will be reported to the National Response Center at 1-800-424-8802.
- Materials and equipment necessary for spill cleanup will be kept in the temporary material storage trailer onsite. Equipment will include, but not be limited to, brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, saw dust, and plastic and metal trash containers.
- All paint containers and curing compounds will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm system, but will be properly disposed according to the manufacturer's instructions.
- Sanitary waste will be collected from portable units a minimum of two times a week to avoid overfilling.
- Any asphalt substances used on-site will be applied according to the manufacturer's recommendation.
- Fertilizers will be stored in a covered shed and partially used bags will be transferred to a sealable bin to avoid spills and will be applied only in the minimum amounts recommended by the manufacturer and worked into the soil to limit exposure to stormwater.
- No disturbed area shall be left un-stabilized for longer than 14 days during the growing season.
- When erosion is likely to be a problem, grubbing operations shall be scheduled and performed such that grading operations and permanent erosion control features can follow within 24 hours thereafter.
- As work progresses, patch seeding shall be done as required on areas previously treated to maintain or establish protective cover.
- Drainage pipes and swales/ditches shall generally be constructed in a sequence from outlet to inlet in order to stabilize outlet areas and ditches before water is directed to the new installation or any portion thereof, unless conditions unique to the location warrant an alternative method.

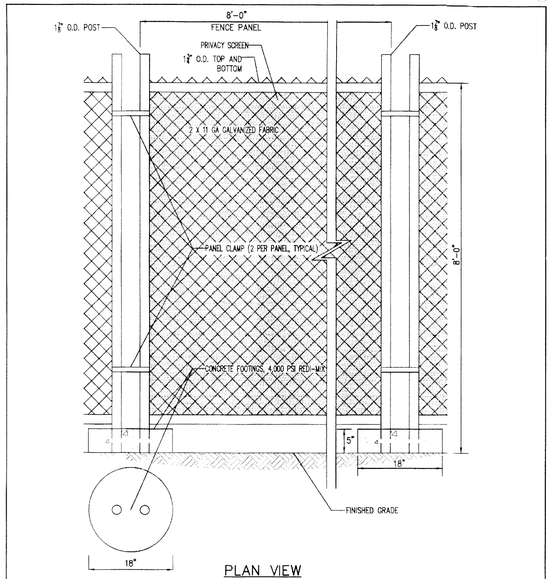
STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM

On-Site:

The following maintenance plan has been developed to maintain the proper function of all drainage and erosion and sediment control facilities:

- Minimize the use of road salt and for maintenance of driveway and walkway areas.
- Driveway drainage inlets shall be cleaned/vacuum swept twice a year, at the conclusion of the landscape season in the fall and at the conclusion of the sand and de-icing season in the spring.
- In addition, the Owner shall inspect the system after each major storm event to ensure the small orifices and inlets in the drainage system remain open. Specific attention should be paid to the following and repairs/maintenance shall be performed within 7 days.
  - Evidence of clogging drain inlets or piping.
  - Erosion of the flow path through graded swales.
  - Subsidence, erosion, cracking or dead landscaping within the retaining wall planting areas.
  - Accumulation of sediment.
- Remove sediment and correct erosion by re-seed eroded areas and gullies within 7 days.
- Remove dead or dying landscaping and replace during planting season. Install appropriate measures as discussed above during non-planting season.

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.



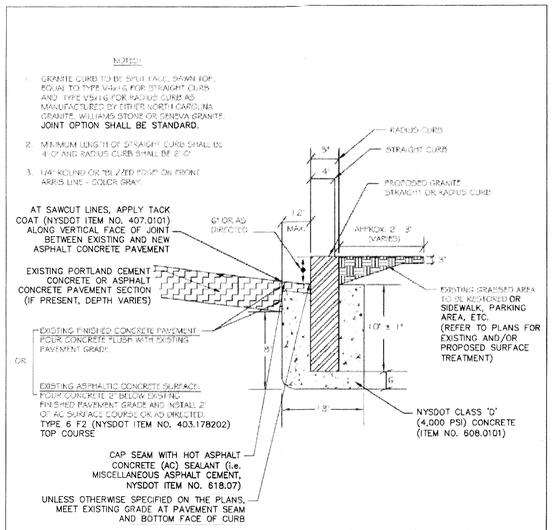
PLAN VIEW

8' HIGH CONSTRUCTION FENCE PANEL

NOTES:

1. CONTRACTOR SHALL PROVIDE PERIODIC INSPECTION AND MAINTENANCE OF FENCE INCLUDING REPAIRS AS NECESSARY AND REQUIREL.
2. CONTRACTOR SHALL INSTALL GREEN PRIVACY SCREENING FABRIC OR APPROVED EQUAL AROUND THE PERIMETER OF THE TEMPORARY CONSTRUCTION FENCING.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SAMPLES OF THE PRIVACY SCREENING TO THE VILLAGE ENGINEER, BUILDING DEPARTMENT AND DPW FOR REVIEW.

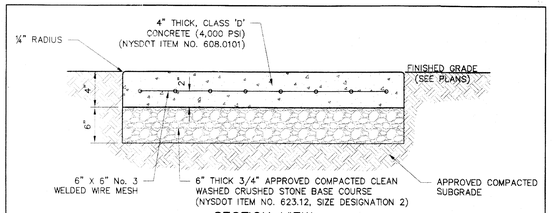
VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	TEMPORARY CHAIN LINK CONSTRUCTION FENCE	VILLAGE OF MAMARONECK	PROJECT: DETAILS SCALE: NOT TO SCALE DATE: 03/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VCM Temporary Chain Link Fence.dwg	VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	SD-1J



NOTES:

1. UNLESS OTHERWISE NOTED, GRANITE CURB AND PORTLAND CEMENT CONCRETE CRADLE SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 501, 609 AND SUBSECTION 700 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED JANUARY 9, 2014 WITH LATEST REVISIONS.
2. CURB SHALL CONFORM TO NYSDOT ITEM NO. 609.0201.
3. THE GENERAL CONSTRUCTION DETAILS FOR MANUFACTURING AND TRANSPORTING CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 501, PORTLAND CEMENT CONCRETE– GENERAL.
4. THE VERTICAL FACE OF THE COLD BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT SHALL BE SEALED WITH TACK COAT AND THE SEAM SHALL BE SEALED WITH HOT AC SEALANT AS SHOWN ABOVE.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	GRANITE CURB	VILLAGE OF MAMARONECK	PROJECT: DETAILS SCALE: NOT TO SCALE DATE: 03/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VCM Granite Curb.dwg	VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	SD-5B



SECTION VIEW

NOTES:

1. WHEN SIDEWALK ABUTS A ROADWAY, CURB AND SIDEWALK SHALL BE MONOLITHICALLY CONSTRUCTED. REFER TO VILLAGE STANDARD MONOLITHIC CURB AND SIDEWALK CONSTRUCTION DETAIL.
2. UNLESS OTHERWISE NOTED, PORTLAND CEMENT CONCRETE SIDEWALKS SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 608 AND SUBSECTION 700 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED JANUARY 9, 2014 WITH LATEST REVISIONS.
3. THE GENERAL CONSTRUCTION DETAILS FOR MANUFACTURING AND TRANSPORTING CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 501, PORTLAND CEMENT CONCRETE– GENERAL.
4. WELDED WIRE FABRIC REINFORCEMENT SHALL BE MADE OF W2.9 OR W3 WIRE AT 6 INCH CENTERS TRANSVERSELY CONVENTIONALLY FORMED CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS D IN ACCORDANCE WITH SECTION 501 "PORTLAND CEMENT CONCRETE––GENERAL". ALL CONCRETE SHALL CONTAIN A WATER–REDUCING ADMIXTURE MEETING THE REQUIREMENTS OF §711–26 IN SUCH A QUANTITY AS TO PROVIDE A MINIMUM 10% REDUCTION OF THE DESIGN WATER CONTENT BY USING A NORMAL RANGE WATER–REDUCER. WWF SHALL BE MANUFACTURED IN SHEETS AND PLACED WITH IN CONCRETE BY CHAIRING.
5. REINFORCING SHALL NOT EXTEND THROUGH EXPANSION JOINTS.
6. INSTALL A PREMOULDED RESILIENT JOINT FILLER, §705–07, AT ALL JOINTS BETWEEN SIDEWALK AND CURB, PAVEMENT, BUILDING, ETC. THE PREMOULDED RESILIENT JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF ASTM D1751.
7. THE EXPANSION JOINTS SHALL BE LOCATED AT ALL IMMOVABLE OBJECTS (BRIDGE SUBSTRUCTURES, ETC.), WHERE SHOWN ON THE PLANS, AND/OR AS DIRECTED BY THE ENGINEER. EXPANSION JOINTS SHALL NOT BE REQUIRED AT 20 FOOT INTERVALS.
8. PREMOULDED RESILIENT JOINT FILLER (§705–07). USE 3/8 – 5/8 INCH THICK FILLER IN TRANSVERSE EXPANSION JOINT ASSEMBLIES ONLY. INCLUDE A ONE–PIECE PREMOULDED RESILIENT JOINT FILLER IN THE ASSEMBLY THAT EXTENDS COMPLETELY ACROSS THE SLAB WIDTH. THE JOINT FILLER MUST EITHER EQUAL THE FULL DEPTH OF THE SLAB, OR EXTEND FROM THE BOTTOM OF THE SLAB TO WITHIN 1 1/2 – 2 INCHES OF THE TOP OF THE SLAB WITH A FINISHING CAP THAT EXTENDS TO THE TOP OF THE SLAB.
9. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, THE CONCRETE SURFACE SHALL BE SCORED AND TOOLED AT INTERVALS OF 5 FEET. SCORE THE CONCRETE A MINIMUM 1/8 INCH TO A MAXIMUM 1/4 INCH IN WIDTH AND TO A MINIMUM DEPTH OF ONE–THIRD THE TOTAL THICKNESS.
10. 3 FOOT WIDE SIDEWALKS SHALL RECEIVE CONTRACTION JOINTS EVERY 4 FEET. 4 AND 5 FOOT WIDE SIDEWALKS SHALL RECEIVE CONTRACTION JOINTS EQUAL TO THE WIDTH OF THE SIDEWALK. SIDEWALKS MAY BE CONVENTIONALLY FORMED OR MACHINE FORMED.
11. ONLY MAGNESIUM FLOATS AND TROWELS ARE ALLOWED. THE USE OF ALUMINUM OR STEEL FINISHING TROWELS AND TOOLS IS PROHIBITED. THE CONCRETE SHALL BE FINISHED TO PRODUCE A SMOOTH SURFACE AND THEN LIGHTLY BROOMED TO A UNIFORM TEXTURE. THE EDGES AND SCORED JOINTS OF ALL SIDEWALK SLABS SHALL BE TOOLED WITH AN EDGING TOOL HAVING A 1/4 INCH RADIUS.
12. ALL WORK SHALL BE IN ACCORDANCE WITH NYSDOT SPECIFICATIONS AND IN REASONABLY CLOSE CONFORMITY WITH THE LINES AND GRADES SHOWN ON THE PLANS OR ESTABLISHED BY THE ENGINEER.
13. SIDEWALK SHALL BE PAID UNDER NYSDOT ITEM NO. 608.0101. CRUSHED STONE SHALL BE PAID UNDER NYSDOT ITEM NO. 623.12.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	CAST–IN–PLACE CONCRETE SIDEWALK	VILLAGE OF MAMARONECK	PROJECT: DETAILS SCALE: NOT TO SCALE DATE: 03/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VCM PCC Sidewalk.dwg	VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	SD-5D

PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODE.

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

No.	Description	Date
1.	REVISED FOR BUILDING PERMIT APPLICATION	5/13/14

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE

PROJECT:

SELF–STORAGE BUILDING
EAST COAST NORTH PROPERTIES LLC
416 WAVERLY AVENUE
MAMARONECK, NEW YORK 10543

DETAILS

STATE OF NEW YORK · MICHAEL F. TERPOS · No. 60837 · LICENSED PROFESSIONAL ENGINEER

Date

HEC

HUDSON ENGINEERING & CONSULTING, P.C.
55 South Broadway
Tarrytown, NY 10591
T: 914-909-0420
F: 914-560-2086

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Checked By:	M.S.	

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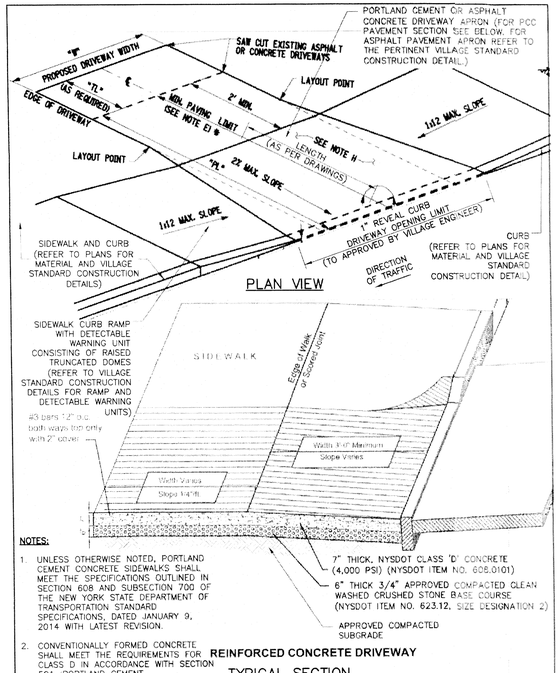


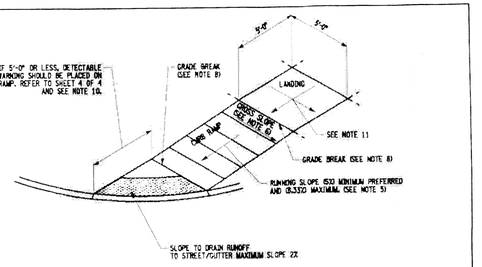
NOTES:

1. UNLESS OTHERWISE NOTED, PORTLAND CEMENT CONCRETE SIDEWALKS SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 608 AND SUBSECTION 700 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED JANUARY 9, 2014 WITH LATEST REVISION.
2. CONVENTIONALLY FORMED CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS D IN ACCORDANCE WITH SECTION 501 PORTLAND CEMENT CONCRETE--GENERAL.

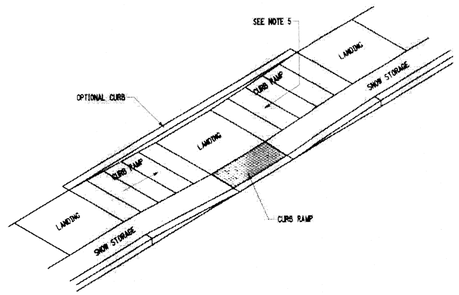
REINFORCED CONCRETE DRIVEWAY

TYPICAL SECTION

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	PORTLAND CEMENT CONCRETE TAPERED DRIVEWAY APRON (SIDEWALK ABUTTING ROADWAY)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE/NOT TO SCALE DATE: 02/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM PCC Driveway.dwg		SD-5E

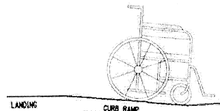


CURB RAMP WITHOUT SIDE FLARES
TYPICAL DIMENSIONING



MID-BLOCK CROSSING CURB RAMP
TYPICAL DIMENSIONING

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	SIDEWALK CURB RAMPS (SHEET 1 OF 8)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE/NOT TO SCALE DATE: 02/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM NYSDOT Sidewalk Curb Ramp		SD-5H



NOTE: THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF A CURB RAMP, LANDING, OR BLENDED TRANSITION SHALL BE 5% MAXIMUM

COUNTER SLOPE CONDITIONS

GENERAL NOTES:

1. THE DIMENSIONS AND SLOPES PRESENTED IN THE DETAILS ARE THE MINIMUM NECESSARY TO COMPLY WITH THE ADA AND DOT STANDARDS. ANY DEVIATION LESS THAN THE MINIMUM WIDTH OR GREATER THAN THE MAXIMUM SLOPE FROM THESE STANDARDS MUST BE DOCUMENTED WITH THE STANDARDS BEING MET TO THE GREATEST EXTENT PRACTICABLE AND CONSISTENT WITH THE MOST CURRENT ADAAG.
2. CURB RAMPS, LANDINGS AND BLENDED TRANSITIONS MAY REQUIRE THE USE OF DETECTABLE WARNINGS. DETECTABLE WARNINGS ON THIS SHEET ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO THE DETECTABLE WARNING DETAILS ON SHEET 4 OF 4 FOR DETAILS ON PLACEMENT, ORIENTATION & DIMENSIONS. REFER TO CHAPTER 18 OF THE HIGHWAY DESIGN MANUAL FOR MORE INFORMATION.

CURB RAMP NOTES:

3. THE MINIMUM WIDTH FOR SIDEWALK CURB RAMPS IS 5'-0".
4. THE RUNNING SLOPE OF A CURB RAMP SHALL BE 1:20 (5%) MINIMUM (PREFERRED) AND 1:12 (8.33%) MAXIMUM.
5. WHERE THE SLOPE OF THE ROADWAY EXCEEDS 8.33% THE CURB RAMP LENGTH IS THE LENGTH NECESSARY TO MEET THE EXISTING SIDEWALK. IT IS NOT NECESSARY THAT THE RAMP LENGTH EXCEED 15'-0".
6. THE CROSS SLOPE OF CURB RAMPS SHOULD BE AS FLAT AS POSSIBLE, NOT TO EXCEED 1:50 (2%). THE CROSS SLOPE AT MIDBLOCK CROSSINGS MAY BE WARPED TO MEET STREET OR HIGHWAY GRADE.
7. THE VERTICAL ALIGNMENT OF A CURB RAMP, EXCLUDING THE FLARES, SHALL BE PLANAR. GRADE BREAKS SHALL BE FLUSH AND PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN.
8. RAMP TRANSITIONS BETWEEN WALKS, LANDINGS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (1/4" MAX).
9. WHERE A PEDESTRIAN CIRCULATION PATH CROSSES THE CURB RAMP, FLARED SIDES WITH A SLOPE OF 10% MAXIMUM, MEASURED PARALLEL TO THE CURB LINE, SHALL BE PROVIDED.

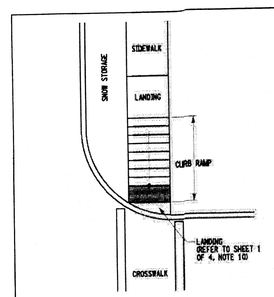
LANDING NOTES:

10. LANDINGS SHALL HAVE A MINIMUM CLEAR DIMENSION OF A 5'-0" BY 5'-0" EXCEPT AT THE BOTTOM OF RAMPS TYPE 1 & 2 ON SHEET 2 OF 4.
11. THE RUNNING AND CROSS SLOPES ON LANDINGS AT INTERSECTIONS IS 1:50 (2%) MAXIMUM. THE RUNNING AND CROSS SLOPES AT MIDBLOCK CROSSINGS MAY BE WARPED TO MEET STREET OR HIGHWAY GRADE.

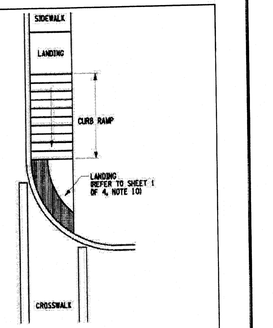
NOTES:

1. FOR DIMENSIONS & GEOMETRIC VALUES REFER TO SHEET 1 OF 4.
2. THE CONFIGURATIONS SHOWN GENERICALLY REPRESENT THE MOST COMMON SITUATIONS ENCOUNTERED ON NYSDOT PROJECTS. THEY ARE INTENDED TO PRESENT CURB RAMP DESIGN CONCEPTS. SITE CONDITIONS AT INDIVIDUAL LOCATIONS REQUIRE SPECIFIC DESIGNS. CURB RAMP DESIGNS MUST BE CONSISTENT WITH THE PROVISIONS OF SHEETS 1, 2, AND 3 OF 4. REFER TO REGIONAL LANDSCAPE ARCHITECT FOR ADDITIONAL DESIGN GUIDANCE.
3. COORDINATE TRAFFIC CONTROL DEVICES, UTILITY LOCATIONS, SIGNS, STREET FURNITURE AND DRAINAGE TO ENSURE A CONTINUOUS PEDESTRIAN ACCESS ROUTE AT ALL CURB RAMP LOCATIONS. GUIDANCE FOR CROSSWALK MARKINGS AND TRAFFIC CONTROL DEVICES IS PROVIDED IN THE MUTCD.
4. DETECTABLE WARNINGS SHOWN ON THIS SHEET ARE FOR ILLUSTRATION ONLY. FOR SPECIFIC PLACEMENT ORIENTATIONS AND DIMENSIONS REFER TO SHEET 4 OF 4. SEE NOTE 10.
5. THE CROSS SLOPE OF RAMPS AND/OR LANDINGS AT MID BLOCK CROSSINGS MAY BE WARPED TO MEET STREET OR HIGHWAY GRADE.
6. USE TYPE B ONLY WHERE OTHER RAMPS ARE UNUSABLE. SINGLE DIAGONAL OR DEPRESSED CORNER CURB RAMPS SERVING TWO STREET CROSSING DIRECTIONS SHOULD BE AVOIDED IN NEW CONSTRUCTION AND SHOULD ONLY BE CONSIDERED WHERE CONDITIONS REQUIRE THEIR USE.
7. GRATES SHALL NOT BE LOCATED ON CURB RAMPS, BLENDED TRANSITIONS OR LANDINGS. ACCESS COVERS OF SIMILAR SURFACES SHALL COMPLY WITH APPLICABLE SURFACE REQUIREMENTS.
8. UTILITIES, SIGNS, AND OTHER FIXED OBJECTS MAY NOT BE PLACED ON A CURB, OR IN A MANNER THAT INTERFERES WITH THE USE OF THE CURB RAMP.
9. THE SURFACE OF ALL CURB RAMPS SHALL BE STABLE, FIRM AND SLIP RESISTANT. A COARSE BROOM FINISH RUNNING PERPENDICULAR TO THE SLOPE IS RECOMMENDED ON CONCRETE RAMP SURFACES, EXCLUSIVE OF THE DETECTABLE WARNING FIELDS.
10. THERE SHALL BE A LANDING AT THE TOP OF EACH PERPENDICULAR CURB RAMP AND A LANDING AT THE BOTTOM OF RAMPS TYPE 1 & 2 ON SHEET 2 OF 4.
11. LANDINGS MAY OVERLAP WITH ADJACENT LANDINGS OR A SINGLE LANDING MAY SERVE MULTIPLE CURB RAMPS.
12. LANDINGS MAY OVERLAP WITH THE CLEAR GROUND SPACE REQUIRED AT PEDESTRIAN SIGNAL PUSH BUTTONS.

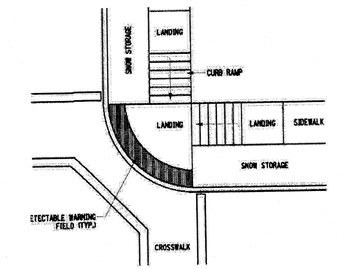
VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	SIDEWALK CURB RAMPS (SHEET 2 OF 8)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE/NOT TO SCALE DATE: 02/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM NYSDOT Sidewalk Curb Ramp		SD-5H



CURB RAMP CONFIGURATION: TYPE 1

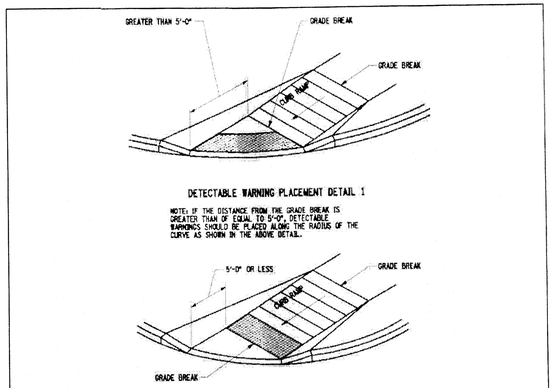


CURB RAMP CONFIGURATION: TYPE 2



CURB RAMP CONFIGURATION: TYPE 3

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	SIDEWALK CURB RAMPS (SHEET 4 OF 8)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE/NOT TO SCALE DATE: 02/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM NYSDOT Sidewalk Curb Ramp		SD-5H

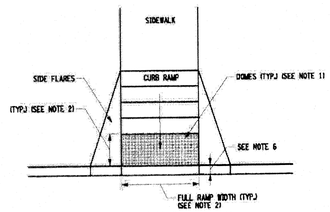


DETECTABLE WARNING PLACEMENT DETAIL 1

NOTE: IF THE DISTANCE FROM THE GRADE BREAK IS GREATER THAN OR EQUAL TO 5'-0", DETECTABLE WARNINGS SHOULD BE PLACED ALONG THE RADIUS OF THE CURVE AS SHOWN IN THE ABOVE DETAIL.

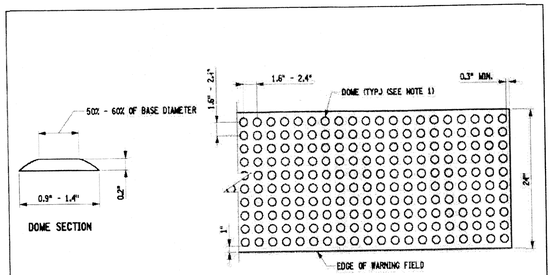
DETECTABLE WARNING PLACEMENT DETAIL 2

NOTE: IF THE DISTANCE FROM THE GRADE BREAK IS LESS THAN OR EQUAL TO 5'-0", DETECTABLE WARNINGS SHOULD BE PLACED ON THE CURB RAMP ALONG THE BOTTOM GRADE BREAK WITH ONE CORNER 5" TO 9" FROM THE FRONT OF THE CURB OR EDGE OF THE ROADWAY.



DETECTABLE WARNING AT CURB RAMP

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	DETECTABLE WARNING PLACEMENT (SHEET 1 OF 3)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE/NOT TO SCALE DATE: 02/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM Detectable Warning Unit.dwg		SD-5I



NOTES:

1. THE DETAILS PROVIDED ARE NOT DRAWN TO SCALE. THE QUANTITY OF DOMES DEPICTED ON THE DETECTABLE WARNING UNIT (THE DOMES AND THE ENTIRE 2.4" LEVEL SURFACE) IS FOR ILLUSTRATION ONLY.

DETECTABLE WARNING UNIT DIMENSIONS:

2. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 2.4" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE, EXCLUSIVE OF SIDE FLARES.

DOME ALIGNMENT:

3. THE ROWS OF DOMES SHALL BE ALIGNED TO BE PERPENDICULAR OR RADIAL TO THE GRADE BREAK BETWEEN THE RAMP LANDING OR CURB RAMP AND THE STREET.
4. WHERE DOMES ARE ARRAYED RADIALLY THEY MAY DIFFER IN DOME DIAMETER AND CENTER-TO-CENTER SPACING WITHIN THE RANGES SPECIFIED ON THIS SHEET.

COLOR REQUIREMENTS:

5. THE DETECTABLE WARNING FIELD SHALL BE THE COLOR SPECIFIED IN THE CONTRACT DOCUMENTS OR MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

DETECTABLE WARNINGS LOCATIONS:

6. DETECTABLE WARNINGS SHALL BE LOCATED SO THAT THE EDGE OR CORNER OF THE WARNING FIELD NEAREST TO THE ROADWAY IS 5" TO 9" FROM THE FRONT OF THE CURB OR THE ROADWAY EDGE (12" WHERE TRAVERSABLE CURB IS USED).
7. THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 6'-0" MINIMUM AND 15'-0" MAXIMUM FROM THE CENTERLINE OF THE NEAREST RAIL.

NOTES:

1. DETECTABLE WARNINGS SHALL BE INSTALLED ON ALL CURB RAMPS. DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES (23 mm), A HEIGHT OF NOMINAL 0.2 INCHES (5 mm), AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 INCHES (60 mm) AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. DETECTABLE WARNINGS SHALL BE IN ACCORDANCE WITH THE DEPARTMENT OF JUSTICE 28 CFH PART 36 "EXCERPT FROM 28 CFR PART 36: ADA STANDARDS FOR ACCESSIBLE DESIGN" LAST REVISED JULY 1, 1994.
2. DETECTABLE WARNING SYSTEM SHALL BE CAST-IN-PLACE TRUNCATED DOMES PART NUMBER ATS-C-2x5 MANUFACTURED BY ADVANTAGE™ TACTILE SYSTEMS OR APPROVED EQUAL. THE COLOR OF THE DETECTABLE WARNING SYSTEM SHALL BE BRICK RED (FEDERAL COLOR NO. 22144).
3. DETECTABLE WARNING UNITS SHALL BE PAID UNDER NYSDOT ITEM NO. 608.21.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	DETECTABLE WARNING PLACEMENT (SHEET 3 OF 3)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE/NOT TO SCALE DATE: 02/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM Detectable Warning Unit.dwg		SD-5I

PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS PRIVATE CODES

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

NOTIFICATION OF [illegible] 29 CFR 1926.32 (f)

No.	Description	Date
	Revisions	

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE

PROJECT:

SELF-STORAGE BUILDING
EAST COAST NORTH PROPERTIES LLC
416 WAVERLY AVENUE
MAMARONECK, NEW YORK 10543

DETAILS

STATE OF NEW YORK — MICHAEL C. ARCIERI — No. 80837 — LICENSED PROFESSIONAL ENGINEER

Date:

HEC

HUDSON ENGINEERING & CONSULTING, P.C.
55 South Broadway
Tarrytown, NY 10591
T: 914-909-0420
F: 914-560-0086

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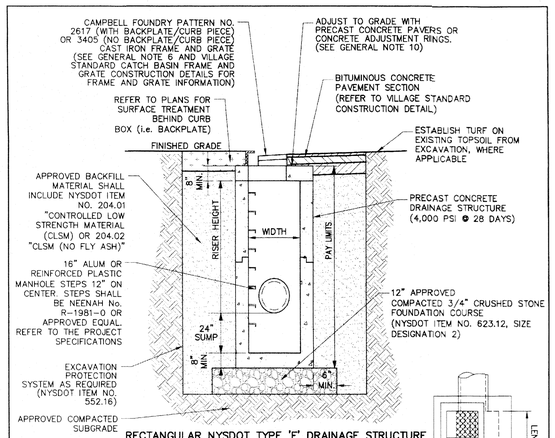
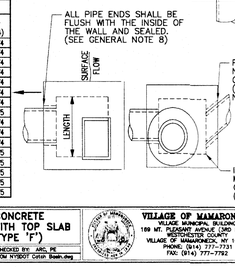
Date:	5/13/14
Scale:	N.T.S.
Drawn By	M.S.
Checked By	M.S.
Sheet No.	C-6
Sheet:	6 / 8

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

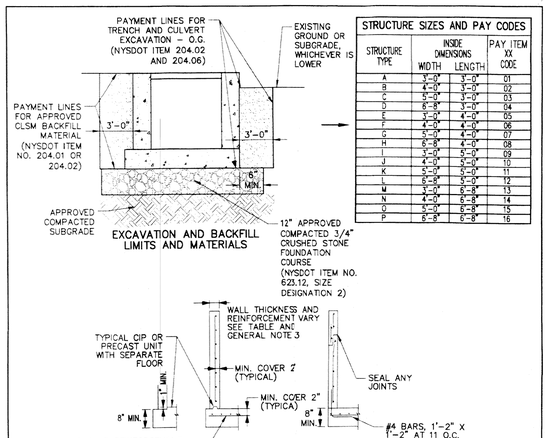


RECTANGULAR NYSDOT TYPE 'F' DRAINAGE STRUCTURE
(UNLESS OTHERWISE DIRECTED BY VILLAGE ENGINEER)
SHOWN WITH CURB BOX, SUMP, AND A MONOLITHICALLY CAST FLOOR SLAB

TOP SLAB DIMENSIONS					
STRUCTURE TYPE	6" THICK WALLS		8" THICK WALLS		TOP REINFORCEMENT (NOTES 3 AND 4)
	WIDTH	LENGTH	WIDTH	LENGTH	
A	4'-0"	4'-0"	4'-4"	4'-4"	6" X 6" W4 X W4
B	5'-0"	4'-0"	5'-4"	4'-4"	6" X 6" W4 X W4
C	6'-0"	4'-0"	6'-4"	4'-4"	6" X 6" W4 X W4
D	7'-8"	4'-0"	8'-0"	4'-4"	6" X 6" W4 X W4
E	4'-4"	5'-0"	4'-8"	5'-4"	6" X 6" W4 X W4
F	5'-0"	5'-0"	5'-4"	5'-4"	6" X 6" W4 X W4
G	6'-0"	5'-0"	6'-4"	5'-4"	6" X 6" W4 X W4
H	7'-8"	5'-0"	8'-0"	5'-4"	6" X 6" W5 X W5
I	4'-0"	6'-0"	4'-4"	6'-4"	6" X 6" W4 X W4
J	5'-0"	6'-0"	5'-4"	6'-4"	6" X 6" W4 X W4
K	6'-0"	6'-0"	6'-4"	6'-4"	6" X 6" W4 X W4
L	7'-8"	6'-0"	8'-0"	6'-4"	6" X 6" W5 X W5
M	4'-0"	7'-8"	4'-4"	8'-0"	6" X 6" W5 X W5
N	5'-0"	7'-8"	5'-4"	8'-0"	6" X 6" W5 X W5
O	6'-0"	7'-8"	6'-4"	8'-0"	6" X 6" W5 X W5
P	7'-8"	7'-8"	8'-0"	8'-0"	6" X 6" W5 X W5



VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	PRECAST CONCRETE CATCH BASIN WITH TOP SLAB (NYSDOT TYPE "F")	VILLAGE OF MAMARONECK	PROJECT DETAILS
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VOM NYSDOT Catch Basin.dwg	VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	SCALE/NOT TO SCALE; DATE: 02/13/2004
			SD-3A



EXCAVATION AND BACKFILL LIMITS AND MATERIALS

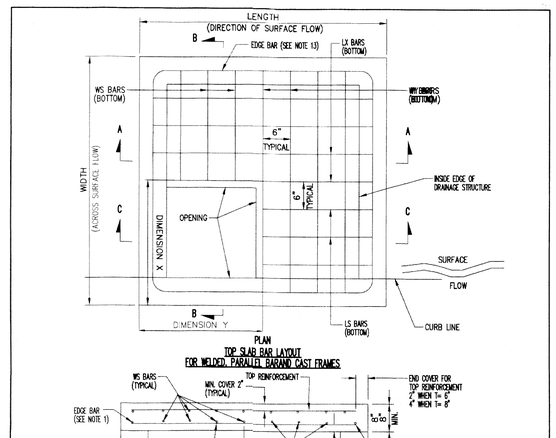
STRUCTURE SIZES AND PAY CODES			
STRUCTURE TYPE	INSIDE DIMENSIONS WIDTH	LENGTH	PAY ITEM XX CODE
A	3'-0"	3'-0"	01
B	4'-0"	3'-0"	02
C	5'-0"	3'-0"	03
D	6'-8"	3'-0"	04
E	3'-0"	4'-0"	05
F	4'-0"	4'-0"	06
G	5'-0"	4'-0"	07
H	6'-8"	4'-0"	08
I	3'-0"	5'-0"	09
J	4'-0"	5'-0"	10
K	5'-0"	5'-0"	11
L	6'-8"	5'-0"	12
M	3'-0"	6'-8"	13
N	4'-0"	6'-8"	14
O	5'-0"	6'-8"	15
P	6'-8"	6'-8"	16

RECTANGULAR DRAINAGE STRUCTURE REINFORCING DTAILS

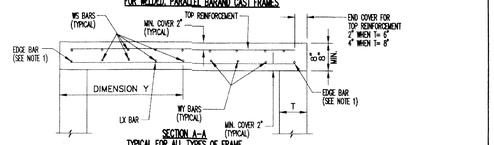
DRAINAGE STRUCTURE REINFORCEMENT		
HEIGHT "A"	WALL THICKNESS	RISER REINFORCEMENT (SEE NOTE 3 AND 14)
UP TO 7'-0"	6"	6"X6"- W5 X W5 OR #5BARS AT 10" BOTH HORIZ. AND VERT.
	8"	UNREINFORCED
7'-0" TO 14'-0"	8"	6"X6"- W8.5 X W8.5 C #3 BARS AT 8" BOTH HORIZ. AND VERT.
14'-0" TO 21'-0"	8"	4"X4"- W8.5 X W8.5 C #3 BARS AT 5" BOTH HORIZ. AND VERT.
		FLOOR SLAB REINFORCEMENT (SEE NOTE 3)
UP TO 7'-0"		6"X6"- W11 X W11 C#3 BARS AT 6" IN BOTH DIRECTIONS
7'-0" TO 14'-0"		4"X4"- W11 X W11 C#3 BARS AT 4" IN BOTH DIRECTIONS
14'-0" TO 21'-0"		4"X4"- W14 X W14 C #3 BARS AT 3" IN BOTH DIRECTIONS

*T MAY BE 6" OR 8" FOR THE FIRST 7'-0". EXCEPTIONS ARE SIZE S, T, AND U WITH CURB, RECTANGULAR STRUTURES WITH ROUND MANHOLE OPENING, OR IF THERE IS LESS THAN 2' ON EITHER SIDE OF A CORNER. (NOTE 7) WHICH MUST HAVE 8" THICKWALLS.

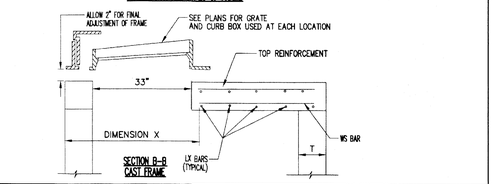
VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	PRECAST CONCRETE CATCH BASIN WITH TP SLAB (NYSDOT TYPE "F")	VILLAGE OF MAMARONECK	PROJECT DETAILS
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VOM NYSDOT Catch Basin.dwg	VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	SCALE/NOT TO SCALE; DATE: 02/13/2004
			SD-3A



PLAN
TOP SLAB BAR LAYOUT
FOR WELDED, PARALLEL BARAND CAST FRAMES



SECTION A-A
TYPICAL FOR ALL TYPES OF FRAME



SECTION B-B
CAST FRAME

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	PRECAST CONCRETE CATCH BASIN WITH TOP SLAB (NYSDOT TYPE "F")	VILLAGE OF MAMARONECK	PROJECT DETAILS
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VOM NYSDOT Catch Basin.dwg	VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	SCALE/NOT TO SCALE; DATE: 02/13/2004
			SD-3A

GENERAL NOTES:

1. DRAINAGE STRUCTURES SHALL BE PRECAST CONCRETE UNITS. ROUND DRAINAGE STRUCTURES SHALL BE PRECAST CONCRETE ONLY. THE CONTRACTORS SHALL SUBMIT WORKING DRAWINGS FOR REVIEW AND APPROVAL OF ANY CHANGES TO THE STRUCTURES SHOWN ON THE STANDARD SHEETS OR CONTACT PLANS, OTHER THAN MINOR CHANGES APPROVED BY THE ENGINEER. USE OF FLAT SLAB TOPS ON ROUND PRECAST UNITS SHALL REQUIRE SUBMISSION OF WORKING DRAWINGS.
2. SEE PLANS FOR ELEVATIONS, DRAINAGE STRUCTURE LOCATIONS, TYPE OF GRATE UTILIZED, LOCATION OF SCOOPS, FORMED INVERTS, SUMPS AND DRAINS.
3. REINFORCEMENT FOR RECTANGULAR DRAINAGE UNITS (CAST IN PLACE OR PRECAST) BAR REINFORCEMENT INDICATED FOR RECTANGULAR TOP SLABS, RISERS AND BASES SHALL BE GRADE 60. WIRE FABRIC FOR CONCRETE REINFORCEMENT SHALL MEET THE REQUIREMENTS OF §709-02. RISER REINFORCEMENT SHALL BE PLACED SO IT WILL HAVE A MINIMUM COVER OF 2" BUT NO MORE THAN 4" FROM THE INSIDE FACE. THE REINFORCEMENT SHALL EXTEND COMPLETELY AROUND THE DRAINAGE STRUCTURE RISER AND SHALL BE LAPPED AND TIED. BASE REINFORCEMENT SHALL BE PLACED ABOVE THE MIDPOINT OF SLAB AND SHALL HAVE A MINIMUM CONCRETE COVER OF 2".
4. ROUND ALTERNATIVE:
   WHEN SPECIFIED BY PAYMENT ITEM, THE CONTRACTOR MAY SUBSTITUTE ROUND, PRECAST DRAINAGE STRUCTURES IN PLACE OF RECTANGULAR STRUCTURES USING SIZES INDICATED IN THE "SELECTION TABLE FOR ALTERNATE ROUND DRAINAGE STRUCTURES" ON NYSDOT "DRAINAGE STRUCTURE DETAILS" STANDARD SHEET 4 OF 4. THE RISER, TOP SLAB AND BOTTOM SLAB FOR THE ROUND ALTERNATE SHALL BE MANUFACTURED IN ACCORDANCE WITH THE PROVISIONS OF §706-04 OF THE STANDARD SPECIFICATIONS. WORKING DRAWINGS FOR THE ROUND ALTERNATES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. UNLESS THE ROUND ALTERNATE PROPOSED HAS BEEN PREVIOUSLY APPROVED. FOR PREVIOUSLY APPROVED ROUND UNITS THE CONTRACTOR SHALL SUBMIT A COPY OF THE APPROVED DRAWINGS TO THE ENGINEER.
5. FORMED INVERTS:
   FORMED INVERTS, SCOOP AND SUMPS SHALL BE PROVIDED AND INCLUDED IN THE PRICES BID FOR DRAINAGE STRUCTURES CALLED FOR IN THE CONTRACT DOCUMENTS. WHEN NON-CIRCULARPIPES ARE USED, THE FORMED INVERT AND SUMP DETAILS SHALL BE MODIFIED TO FIT THE INVERTS.
6. GRATES:
   CAST FRAMES SHALL HAVE BICYCLE SAFE GRATES. GRATES SHALL BE INSTALLED SO THAT THE LENGTH OF THE GRATE IS PARALLEL TO THE SURFACE FLOW.
7. WALL OPENINGS:
   RECTANGULAR DRAINAGE STRUCTURES SHOWN ON THE NYSDOT "DRAINAGE STRUCTURE DETAILS" STANDARD SHEETS SHOULD NEVER HAVE CORNER PIPE ENTRIES. IF PIPE ALIGNMENT WOULD REQUIRE A CORNER ENTRY, USE AROUND DRAINAGE STRUCTURE OR USE A SPECIAL DRAINAGE STRUCTURE. ALL WALL OPENINGS SHALL BE FORMED COMPLETELY THROUGH THE WALL. CIRCULAR WALL OPENINGS SHALL BE FORMED FOR EACH CIRCULAR PIPE ENTERING PERPENDICULAR TO THE WALL. WHEN NON-CIRCULAR PIPES ARE SPECIFIED, OR ROUND PIPE ENTRIES ARE SKEWED, RECTANGULAR OPENINGS MAY BE USED. THE CLEARANCE BETWEEN THE OUTSIDE OF THE PIPE AND THE OPENING SHALL BE AT LEAST 2" BUT NO MORE THAN 3". THIS CLEARANCE SHALL BE MEASURED BETWEEN THE OUTSIDE OF THE PIPE AND NEAREST POINT ON THE RECTANGULAR OPENING. IF A CORNER HAS PIPE ENTRIES ON BOTH SIDES, AND THERE IS LESS THAN 2" BETWEEN EITHER OPENING AND THE CORNER. THEN THAT SECTION OF THE DRAINAGE STRUCTURE MUST HAVE 8" THICK WALLS.
8. MONOLITHIC AND INTEGRAL BASES MAY HAVE A MAXIMUM VERTICAL DRAFT OF ¼" ON ALL INTERIOR DIMENSIONS, TO FACILITATE FORM REMOVAL. FOR WALL OPENINGS THAT EXTEND THE FULL WIDTH OR LENGTH OF THE STRUCTURE, THE MINIMUM CLEARANCE BETWEEN THE OUTSIDE OF THE PIPE AND THE WALL OPENING SHALL BE 1½".
9. FINISHING PIPE ENTRIES:
   THE BELLS OF CONCRETE PIPE SHALL BE CUT OFF AT EVERY PIPE ENTRY WHERE THE BELL ENTERS A STRUCTURE. CONNECTIONS BETWEEN THE STRUCTURE AND PIPE SHALL BE MADE BY EITHER USING A RESILIENT CONNECTOR MEETING THE REQUIREMENTS OF ASTM C1478M OR BY COMPLETELY FILLING THE SPACE AROUND EACH PIPE WITH MORTAR FOR CONCRETE MASONRY, CONCRETE GROUTING MATERIAL, OR CONCRETE REPAIR MATERIAL. THE CONTRACTOR MAY USE ALTERNATE METHODS FOR SEALING THE SPACE AROUND THE PIPE, CONTINGENT UPON SATISFACTORY RESULTS BEING OBTAINED.
10. TOP SLAB AND OR FRAME AND GRATE ADJUSTMENT:
    A MINIMUM OF ¼" OF BEDDING SHALL BE PLACED BETWEEN RISER AND PRECAST TOP SLABS. GRADE ADJUSTMENT FOR TOP SLABS AND/OR FRAME AND GRATE OF UP TO 2½" SHALL BE MADE WITH BEDDING MATERIAL MEETING THE REQUIREMENTS OF MORTAR FOR CONCRETE MASONRY, CONCRETE GROUTING MATERIALS OR CONCRETE REPAIR MATERIAL. GRADE ADJUSTMENT FOR TOP SLABS AND/OR FRAME AND GRATES OF UP TO 6" SHALL BE MADE WITH COMBINATION OF PRECAST CONCRETE PAVERS AND BEDDING MATERIALS. GRADE ADJUSTMENT FOR TOP SLABS AND/OR FRAME AND GRATES OF UP TO 1'-0" SHALL BE MADE WITH CAST-IN-PLACE CONCRETE OR A COMBINATION OF PRECAST CONCRETE ADJUSTMENT ELEMENTS AND BEDDING MATERIALS. ALTERNATELY, GRADE ADJUSTMENTS FOR FRAMES AND GRATES OF UP TO 2" MAY BE MADE WITH RECYCLED RUBBER ELEMENTS OR UP TO 3" WITH HDPE ELEMENTS. RECYCLED RUBBER AND HDPE ELEMENTS SHALL BE PRODUCTS APPROVED BY THE MATERIALS BUREAU AND SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. THE CONTRACTOR MAY USE ALTERNATE METHODS OF GRADE ADJUSTMENT, CONTINGENT UPON SATISFACTORY RESULTS BEING OBTAINED.
11. MANHOLE STEPS SHALL BE REQUIRED IN ALL DRAINAGE STRUCTURES DEEPER THAN 4'-0".
12. CORBELED OR CONICAL RISER SECTIONS AND FLAT SLAB REDUCERS:
    ROUND PRECAST DRAINAGE STRUCTURES OR MANHOLES (WHEN ALLOWED OR SPECIFIED) MAY BE FITTED WITH CONCENTRIC OR ECCENTRIC CONICAL SECTIONS TO REDUCE THEIR DIAMETERS, PROVIDED THE USE OF SUCH DEVICES IS COMPATIBLE WITH THE DRAINAGE SYSTEM DESIGN. THE CONTRACTOR SHALL SUBMIT WORKING DRAWINGS FOR REVIEW AND APPROVAL OF FLAT SLAB REDUCERS FOR ROUND OR RECTANGULAR STRUCTURES. A WALL SECTION WITH A HEIGHT LESS THAN 6" BETWEEN THE TOP OF THE HIGHEST PIPE ENTRY AND THE BOTTOM OF A CONICAL SECTION OR FLAT SLAB REDUCER SHALL NOT BE PERMITTED.
13. WHEN PIPE LOCATIONS PROVIDE FOR LESS THAN 8" BETWEEN THE TOP OF THE UPPERMOST PIPE AND THE TOP OF THE RISER AND THE STRUCTURE MAY BE SUBJECTED TO HIGHWAY LOADS, CONTACT STRUCTURES DIVISION FOR A SPECIAL DESIGN.
14. WHEN SITE CONDITIONS REQUIRE A DRAINAGE STRUCTURE TO BE INSTALLED TO A DEPTH GREATER THAN THAT SHOWN IN THE CONTRACT DOCUMENTS, AN INSTALLATION TOLERANCE OF 8" IS PERMITTED WITHOUT REQUIRING AN INCREASE IN WALL THICKNESS OR REINFORCING STEEL AS REQUIRED BY THE DRAINAGE STRUCTURE REINFORCEMENT TABLE.
15. THE PAY ITEMS FOR DRAINAGE STRUCTURES SPECIFY THE STRUCTURE AND FRAME. DRAINAGE STRUCTURE ITEM NUMBERS: RECTANGULAR DRAINAGE STRUCTURE WITH CONCRETE CAP ITEM 604.32XXYY
    SEE TABLES BELOW FOR XX AND YY CODES.
    EXAMPLE: 604.0672 – RECTANGULAR STRUCTURE TYPE F WITH CAST FRAME.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	PRECAST CONCRETE CATCH BASIN WITH TOP SLAB (NYSDOT TYPE "F")	VILLAGE OF MAMARONECK	PROJECT DETAILS
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VOM NYSDOT Catch Basin.dwg	VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	SCALE/NOT TO SCALE; DATE: 02/13/2004
			SD-3A

PROVIDE SMOKE AND CARBON MONOXIDE ALARMS [illegible] AS PER [illegible]

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

No.	Description	Date
	Revisions	

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE

PROJECT:
SELF-STORAGE BUILDING
EAST COAST NORTH PROPERTIES LLC
416 WAVERLY AVENUE
MAMARONECK, NEW YORK 10543

DETAILS

STATE OF NEW YORK · MICHAEL F. STEIN · No. 80837 · LICENSED PROFESSIONAL ENGINEER

HUDSON ENGINEERING & CONSULTING, P.C.
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Tarrytown, NY 10591
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F: 914-560-2086

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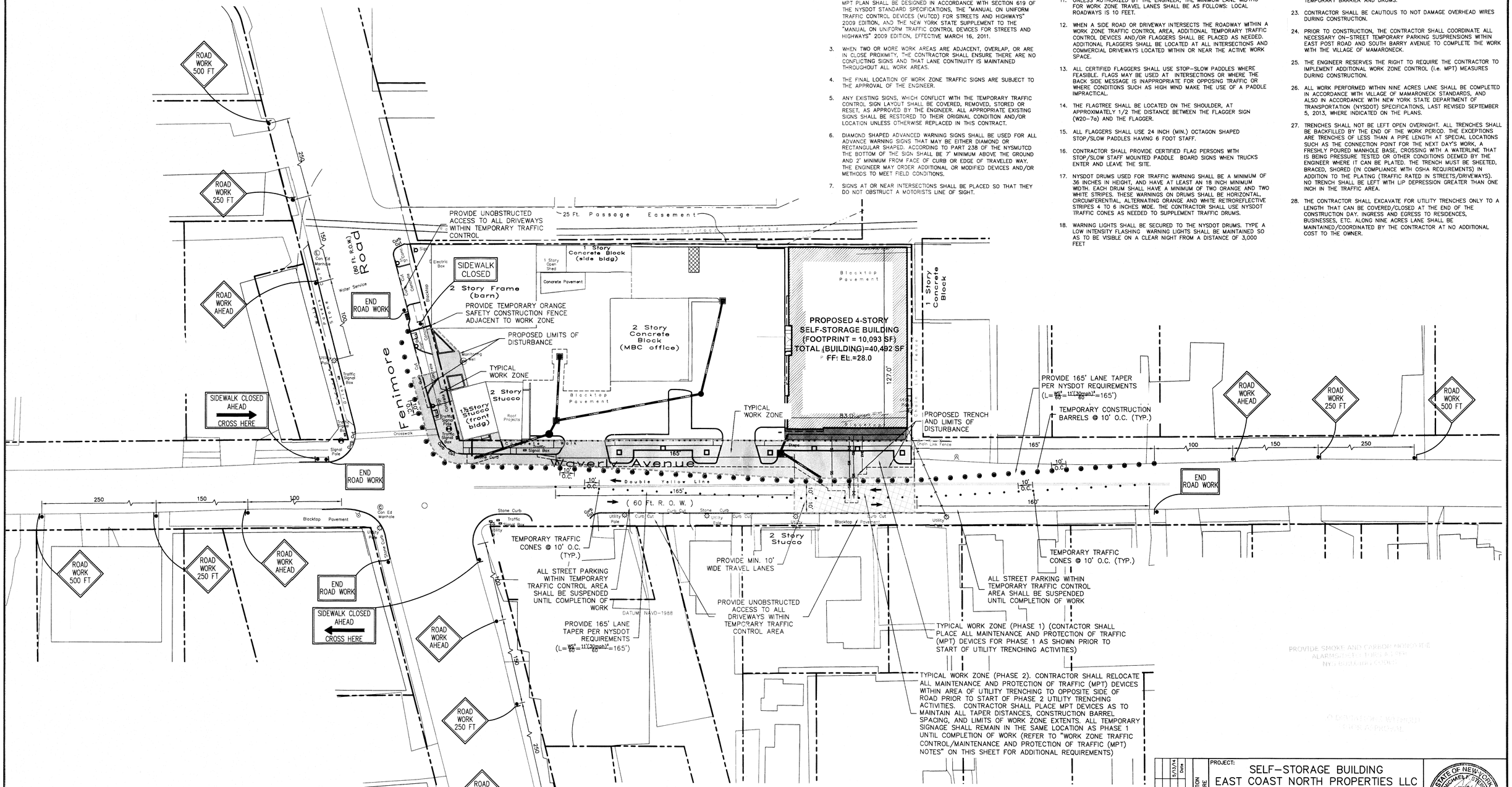
Date: 5/13/14 Sheet: 7 / 8
Scale: N.T.S.
Drawn By: D.C.
Checked By: M.S.
Sheet No.
C-7

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

WORK ZONE TRAFFIC CONTROL/MAINTENANCE AND PROTECTION OF TRAFFIC (MPT) NOTES:

1. MAINTENANCE AND PROTECTION OF TRAFFIC SHOWN SHALL BE USED AS NEEDED FOR THE COMPLETION OF WORK. IF ANY TRENCHING ACTIVITIES ARE REQUIRED FOR ANY NEW UTILITY CONNECTIONS OR REPAIRS WITHIN NINE ACRES LANE, ALL MAINTENANCE AND PROTECTION OF TRAFFIC DEVICES SHALL BE LAID OUT AS SHOWN ON THE PLANS.
2. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER, IN WRITING, A TRAFFIC CONTROL PLAN (i.e. MAINTENANCE AND PROTECTION OF TRAFFIC PLAN) FOR REVIEW AND APPROVAL FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF THE PROPOSED PLAN. THE MPT PLAN SHALL BE DESIGNED IN ACCORDANCE WITH SECTION 619 OF THE NYSDOT STANDARD SPECIFICATIONS, THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS" 2009 EDITION, AND THE NEW YORK STATE SUPPLEMENT TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" 2009 EDITION, EFFECTIVE MARCH 16, 2011.
3. WHEN TWO OR MORE WORK AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.
4. THE FINAL LOCATION OF WORK ZONE TRAFFIC SIGNS ARE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. ANY EXISTING SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
6. DIAMOND SHAPED ADVANCED WARNING SIGNS SHALL BE USED FOR ALL ADVANCE WARNING SIGNS THAT MAY BE EITHER DIAMOND OR RECTANGULAR SHAPED. ACCORDING TO PART 238 OF THE NYSMUTCD THE BOTTOM OF THE SIGN SHALL BE 7' MINIMUM ABOVE THE GROUND AND 2' MINIMUM FROM FACE OF CURB OR EDGE OF TRAVELED WAY. THE ENGINEER MAY ORDER ADDITIONAL OR MODIFIED DEVICES AND/OR METHODS TO MEET FIELD CONDITIONS.
7. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORISTS LINE OF SIGHT.
8. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE ENGINEER.
9. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. ACCESS SHALL BE RESTORED AS SOON AS POSSIBLE.
10. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERICAL DRIVEWAYS TO AND FROM THE WORK AREA.
11. UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE AS FOLLOWS: LOCAL ROADWAYS IS 10 FEET.
12. WHEN A SIDE ROAD OR DRIVEWAY INTERSECTS THE ROADWAY WITHIN A WORK ZONE TRAFFIC CONTROL AREA, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AND/OR FLAGGERS SHALL BE PLACED AS NEEDED. ADDITIONAL FLAGGERS SHALL BE LOCATED AT ALL INTERSECTIONS AND COMMERCIAL DRIVEWAYS LOCATED WITHIN OR NEAR THE ACTIVE WORK SPACE.
13. ALL CERTIFIED FLAGGERS SHALL USE STOP-SLOW PADDLES WHERE FEASIBLE. FLAGS MAY BE USED AT INTERSECTIONS OR WHERE THE BACK SIDE MESSAGE IS INAPPROPRIATE FOR OPPOSING TRAFFIC OR WHERE CONDITIONS SUCH AS HIGH WIND MAKE THE USE OF A PADDLE IMPRACTICAL.
14. THE FLAGTREE SHALL BE LOCATED ON THE SHOULDER, AT APPROXIMATELY 1/2 THE DISTANCE BETWEEN THE FLAGGER SIGN (W20-7a) AND THE FLAGGER.
15. ALL FLAGGERS SHALL USE 24 INCH (MIN.) OCTAGON SHAPED STOP/SLOW PADDLES HAVING 6 FOOT STAFF.
16. CONTRACTOR SHALL PROVIDE CERTIFIED FLAG PERSONS WITH STOP/SLOW STAFF MOUNTED PADDLE BOARD SIGNS WHEN TRUCKS ENTER AND LEAVE THE SITE.
17. NYSDOT DRUMS USED FOR TRAFFIC WARNING SHALL BE A MINIMUM OF 36 INCHES IN HEIGHT, AND HAVE AT LEAST AN 18 INCH MINIMUM WIDTH. EACH DRUM SHALL HAVE A MINIMUM OF TWO ORANGE AND TWO WHITE STRIPES. THESE WARNINGS ON DRUMS SHALL BE HORIZONTAL, CIRCUMFERENTIAL, ALTERNATING ORANGE AND WHITE RETRO-REFLECTIVE STRIPES 4 TO 6 INCHES WIDE. THE CONTRACTOR SHALL USE NYSDOT TRAFFIC CONES AS NEEDED TO SUPPLEMENT TRAFFIC DRUMS.
18. WARNING LIGHTS SHALL BE SECURED TO THE NYSDOT DRUMS. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE MAINTAINED SO AS TO BE VISIBLE ON A CLEAR NIGHT FROM A DISTANCE OF 3,000 FEET
19. CONSTRUCTION EQUIPMENT SHALL BE REMOVED FROM THE ROADSIDE AREA DURING NON-WORKING HOURS.
20. PRIVATE VEHICLES OWNED BY THE CONTRACTOR OR HIS/HER WORKMEN SHALL NOT BE PARKED ON THE PAVEMENT OR SHOULDERS, OR ANY OTHER AREAS DEEMED BY THE ENGINEER AND/OR VILLAGE OF MAMARONECK TO BE HAZARDOUS LOCATIONS.
21. NO MATERIAL SHALL BE PLACED ON THE SHOULDER, OR WITHIN 30 FEET FROM THE EDGE OF PAVEMENT, EXCEPT THAT WHICH IS TO BE PLACED THAT DAY.
22. CONTRACTOR SHALL USE TRAFFIC CONES AS NEEDED TO SUPPLEMENT TEMPORARY BARRIER AND DRUMS.
23. CONTRACTOR SHALL BE CAUTIOUS TO NOT DAMAGE OVERHEAD WIRES DURING CONSTRUCTION.
24. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE ALL NECESSARY ON-STREET TEMPORARY PARKING SUSPRENSIONS WITHIN EAST POST ROAD AND SOUTH BARRY AVENUE TO COMPLETE THE WORK WITH THE VILLAGE OF MAMARONECK.
25. THE ENGINEER RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO IMPLEMENT ADDITIONAL WORK ZONE CONTROL (i.e. MPT) MEASURES DURING CONSTRUCTION.
26. ALL WORK PERFORMED WITHIN NINE ACRES LANE SHALL BE COMPLETED IN ACCORDANCE WITH VILLAGE OF MAMARONECK STANDARDS, AND ALSO IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) SPECIFICATIONS, LAST REVISED SEPTEMBER 5, 2013, WHERE INDICATED ON THE PLANS.
27. TRENCHES SHALL NOT BE LEFT OPEN OVERNIGHT. ALL TRENCHES SHALL BE BACKFILLED BY THE END OF THE WORK PERIOD. THE EXCEPTIONS ARE TRENCHES OF LESS THAN A PIPE LENGTH AT SPECIAL LOCATIONS SUCH AS THE CONNECTION POINT FOR THE NEXT DAY'S WORK, A FRESHLY POURED MANHOLE BASE, CROSSING WITH A WATERLINE THAT IS BEING PRESSURE TESTED OR OTHER CONDITIONS DEEMED BY THE ENGINEER WHERE IT CAN BE PLATED. THE TRENCH MUST BE SHEETED, BRACED, SHORED (IN COMPLIANCE WITH OSHA REQUIREMENTS) IN ADDITION TO THE PLATING (TRAFFIC RATED IN STREETS/DRIVEWAYS). NO TRENCH SHALL BE LEFT WITH LIP DEPRESSION GREATER THAN ONE INCH IN THE TRAFFIC AREA.
28. THE CONTRACTOR SHALL EXCAVATE FOR UTILITY TRENCHES ONLY TO A LENGTH THAT CAN BE COVERED/CLOSED AT THE END OF THE CONSTRUCTION DAY. INGRESS AND EGRESS TO RESIDENCES, BUSINESSES, ETC. ALONG NINE ACRES LANE SHALL BE MAINTAINED/COORDINATED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.



NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

PROVIDE SMOKE AND CARBON MONOXIDE ALARMS AS PER 2013 NYS RESIDENTIAL CODE

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

No.	Description	Date
1.	REVISED FOR BUILDING PERMIT APPLICATION	5/13/14
	Revisions	

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE

PROJECT:
SELF-STORAGE BUILDING
EAST COAST NORTH PROPERTIES LLC
416 WAVERLY AVENUE
MAMARONECK, NEW YORK 10543

MAINTENANCE & PROTECTION OF TRAFFIC PLAN

STATE OF NEW YORK · MICHAEL C. STEIN · LICENSED PROFESSIONAL ENGINEER · No. 80637

HEC
HUDSON ENGINEERING & CONSULTING, P.C.
85 South Broadway
Tarrytown, NY 10591
T: 914-909-0420
F: 914-560-2086

Date: 1/16/14 Sheet: 8
Scale: 1" = 30'
Designed By: D.C.
Checked By: M.S. 8
Sheet No.
MPT-1

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ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

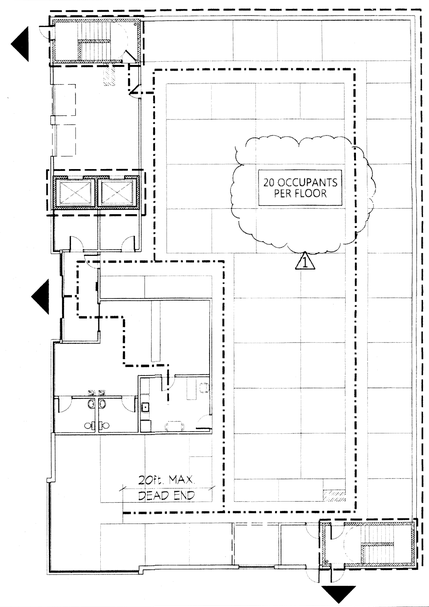
Self-Storage Building at 416 Waverly Avenue, Mamaroneck, NY
New York State Building Code Analysis

DESCRIPTION	SECTION	REQ'D/PERMITTED	PROVIDED
Occupancy Classification (Primary Use)	311.2	S-1	S-1
Construction Classification	602.2	IB	IB
Height and Area Limitations			
Stories/Feet	Table 503	3/55'	4/45'
Story/Height Increase (due to sprinkler)	504.2	4/75'	4/45'
Area (sf)	Table 503	17,500	10,093
Fire Resistance Rating Requirements			
Structural Frame Including Columns, Girders, Trusses	Table 601	0 hr	0 hr
Bearing Walls			
Exterior Bearing Walls	Table 601	Based on shortest distance between buildings, from wall to Property Line (P.L.) *or* R.O.W. centerline (C.L.)	Complies
North (Waverly Avenue)	Table 602: (36') >30' to street C.L.	0 hr	0 hr
East (Fenimore/Parking)	Table 602: >30 to site bldg.	0 hr	0 hr
South (Facing Railroad Tracks)	Table 602: >5 to P.L.	2 hr	2 hr
West (Facing Neighbor)	Table 602: >5 to P.L.	2 hr	2 hr
Interior Bearing Walls	Table 601	0 hr	None
Non-Bearing Walls and Partitions			
Exterior Non-Bearing Walls & Partitions	Table 602	0 hr	N/A
Interior Non-Bearing Walls & Partitions	602.2	Noncombustible	Complies
Floor Const. Including Supporting Beams & Joists	Table 601	0 hr	TBD
Roof Const. Including Supporting Beams and Joists	Table 601	0 hr	TBD
Corridor Walls	1017.1/Table 1017.1	0 hr	0 hr
Incidental Use Areas	Table 508.2	1 hr at mechanical room	1 hr at mechanical room
Shaft enclosures			
Stair and Elevator Enclosures, connecting 4 Stories	707.4	2 hr	2 hr
Vertical Shafts, connecting <4 Stories	707.4	1 hr	1 hr
Door ratings			
Interior Fire Stair Doors	Table 714.2	90 min.	90 min.
Exit Access Corridor Doors	Table 714.2	20 min.	20 min.
Other 1 hr Fire Rated Barriers or Partitions	Table 714.2	45 min.	45 min.
Fireblocking	716.1	Not Required	Not Required
Draftstopping	716.3	Not Required	Not Required
Fire Protection Systems			
Automatic Sprinkler System	903.2.10.1 and 903.3.1.1	NFPA 13	NFPA 13
Standpipe Systems	905.3.1	Class III System	Installed in both fire stairs
Fire Alarm and Detection Systems			
S-1 Occupancy	907.2.1	Required	Provided
Manual Fire Alarm Boxes	907.3	Required	Provided
Elevator Smoke Venting (Hatch)	3004.1 (Exception 1)	Not Required	Not Required
Means of Egress			
Maximum Floor Are Per Occupant (Sq. Ft.)			
Warehouse	Table 1004.1.1	500 gross sf/occupant	40,492/500=81 occupants
Elevator as Accessible Means of Egress	1007.2.1	Not Required where 4 stories & under	Not Provided
Size of Doors	1003.3.1.1	32" clear width	Complies
Guards	1013		
Guards (height)	1013.2	42" min.	Complies
Guards (opening limitations)	1013.3	Required	Complies
Stairs	1009		
Width	1009.1	0.2 * 81 occupants=16.2" or 44"	44"
Headroom	1009.2	6'-8" min.	6'-8" min.
Risers	1009.3	4" min./ 7" max.	4"min./ 7"max.
Treads	1009.3	11" min	11" min.
Landing	1009.4	Width of stair, min.	Complies
Stairway Construction			
Vertical Rise	1009.6	12 ft. max.	10 ft. max.
Handrail Height		34"min./38"max.	36"
Handrail Clearance to Wall		1-1/2" min.	1-1/2" min.
Handrail Projections		4-1/2" max.	4-1/2" max.
Stairway to Roof	1009.11 & 1009.11.1	Stair Hatch via Alternating Tread Device	Min. 16 sf hatch, min. 24" dimension & protected with guards
Exit Access			
Accessible Means of Egress	1007.1	2	2
Accessible Egress to Public Way	1007.2	Required	Provided
Accessible Egress Elevator Required	1007.2.1	Not Required where 4 stories & under	Not Provided
Area of Refuge	1007.6	30"x48" space/200 occupants	1 per floor per stair
Exit or exit access doorways required	1019.1	2	2
Distance between two exit access doorways (min)	1015.2.1(2)	1/3 diagonal of area served, 150/3=50 feet	
Exit Access Travel Distance	Table 1016.1	250 ft. max.	
Corridor Width	1017.2	44" min.	72"
Dead Ends	1017.3	20 ft. max.(50 ft. B)	
Minimum Exits Per Floor	Table 1005.2.1	2	2
Egress directly to Exterior	1024	2 means of egress	Complies
Egress separation from lot line	1024.3	10 feet minimum	Complies
Accessibility			
Design	1101.2	NYSBC & ICC/ANSI A117.1	Complies
Interior Environment			
Ventilation			
Mechanical	1203.1	Per Mech. Code of NYS	Central HVAC system specified
Bathrooms	1203.4.2.1	Mechanical OR Natural Ventilation required	Mechanical Ventilation to exterior specified
Temperature Control	1204.1	68 deg.F,3' aff min. applicable for human occupancy ONLY	Applies in office & customer lobby; all other areas shall be tempered between 60-78 degrees
Lighting			
Artificial	1204.3	10 fc, 30" aff, average	Complies
Ceiling Heights			
Occupiable spaces, habitable spaces and corridors	1207.2	7'-6" min.	7'-6" min.
Toilets and Storage	1207.2	7'-0" min	7'-0" min.
Surrounding Materials (Toilet Rooms)			
Nonabsorbent Surfaces			
Floors	1209.1	6" base min.	Complies
Walls	1209.2	4' a.f.f. and within 2' of urinals and wc's	Complies
Minimum Plumbing Fixtures	2902.1	2 male/2 female	
Fire Code			
Aerial Fire Apparatus Access Road	Appendix D, D105	26 feet wide	26 feet wide
Design Criteria 1	Appendix D, D105	15 feet min/30 feet max from building	21 feet
Design Criteria 2	Appendix D, D105	Parallel to one entire side of the building	Parallel to East façade

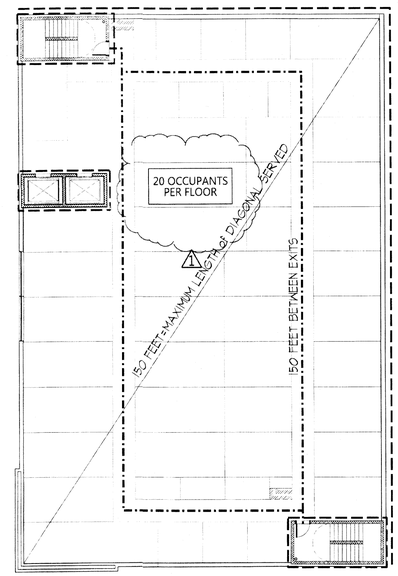
CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE 2010 NEW YORK STAE ENERGY CONSERVATION CONSTRUCTION CODE

1 NYSBC ANALYSIS
SCALE: 1/4"=1'-0"

1 NYSBC ANALYSIS (CONT'D)
SCALE: 1/4"=1'-0"



3 1st FLOOR, SCHEMATIC PLAN
SCALE: 1/16"=1'-0"



4 2nd FL., SCHEMATIC PLAN (3rd & 4th Fl. SIM.)
SCALE: 1/16"=1'-0"

MUNICIPAL APPROVALS HAVE BEEN SOUGHT & OBTAINED FROM THE FOLLOWING VILLAGE AGENCIES ON BEHALF OF THE APPLICANT:

PLANNING BOARD SITE PLAN APPROVAL: FEBRUARY 12, 2014

ZONING BOARD OF APPEALS RESOLUTION: OCTOBER 3, 2013

HARBOR AND COASTAL ZONE MANAGEMENT COMMISSION APPROVAL: NOV 20, 2013

BOARD of ARCHITECTURAL REVIEW APPROVAL: JULY 17, 2013

MUNICIPAL PERMITS ARE SOUGHT ON BEHALF OF THE APPLICANT FROM THE VILLAGE BUILDING DEPARTMENT AS FOLLOWS:

1. SIGNAGE & CANOPY PERMIT: PENDING
2. BUILDING PERMIT: PENDING

CONSTRUCTION SHALL BE IN ACCORDANCE WITH:

-2010 NEW YORK STATE UNIFORM BUILDING & FIRE PREVENTION CODE
-VILLAGE OF MAMARONECK MUNICIPAL CODE
-VILLAGE OF MAMARONECK ZONING ORDINANCE

2 GOVERNING AGENCIES
REFERENCE: NYSBC & MAMARONECK VILLAGE CODE

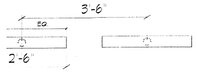
LEGEND

- 1-HOUR FIRE RATED WALL CONSTRUCTION
- 2-HOUR FIRE RATED WALL CONSTRUCTION
- MEANS OF EGRESS, TRAVEL DISTANCE
- FIRE EXIT
- AREA OF REFUGE, 30"x48"
- ### OCCUPANCY PER FLOOR

E BLOCKING FOR ALL GRAB BARS

HOR PLATES MUST SPAN 2 STUDS MIN.
2-GUAGE (2.7MM) STEEL PLATE WITH 1/4-20 HOLES EXTRUDED AND TAPPED TO GIVE 200"(5MM) OF USABLE THREAD PER HOLE.
SCREWS - 1/4-20 X 1-1/2" STAINLESS STEEL CREWS.
ON
ATE MUST BE PROPERLY SECURED TO STUDS T MAXIMUM LOAD THAT THE GRAB BAR DESIGNED FOR.

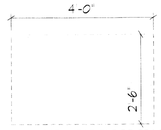
WALL IS FINISHED, FLANGES OR CONCEALED PLATES ARE TO BE ATTACHED TO ANCHOR I MOUNTING SCREWS FURNISHED BY URER. TO PROVIDE LOCATION OF MOUNTING PLASTER OR TILE WALLS, MOUNTING SCREWS TEMPORARILY SCREWED INTO ANCHOR RE APPLICATION TO THE FINISH.



NTING FOR 42" WIDE GRAB BARS

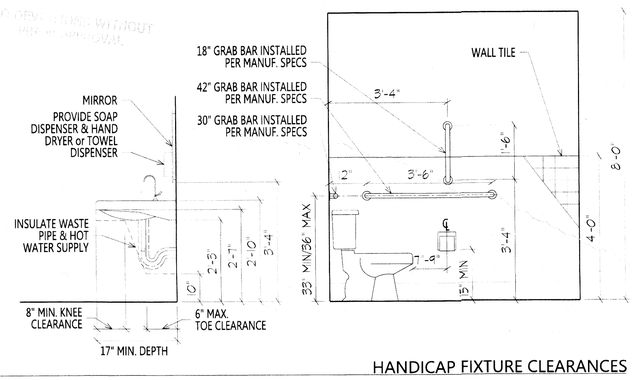
NTING FOR 24" WIDE GRAB BARS

NG DETAILS & SPECIFICATIONS



ICC/ANSI 305 CLEAR FLOOR SPACE
CLEAR FLOOR AREA SHALL BE PROVIDED WITHIN THE DEFINED AREA. U.N.O. CLEAR FLOOR SPACE SHALL BE PERMITTED TO INCLUDE KNEE & TOE CLEARANCE

ICC/ANSI 304.3.1 CIRCULAR SPACE
THE WHEELCHAIR TURNING SPACE SHALL BE 60" DIA. MIN. WHEELCHAIR TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE & TOE CLEARANCE COMPLYING WITH SECTION 306.



HANDICAP FIXTURE CLEARANCES

5 HANDICAP COMPLIANCE DETAILS
SCALE: 1/2"=1'-0"

NO OCCUPANCY OF ANY ... SPACES UNTIL A ... OF OCCUPANCY ... ISSUED

... AND CARBON MONOXIDE ... DETECTORS AS PER ... CODES

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MAMARONECK SELF-STORAGE
EAST COAST NORTH PROPERTIES, LLC
416 WAVERLY AVENUE, MAMARONECK, NY 10543
for Murphy Brothers Contracting

REVISION/SUBMISSION NOTES
1 AMENDED CDs 9/5/14

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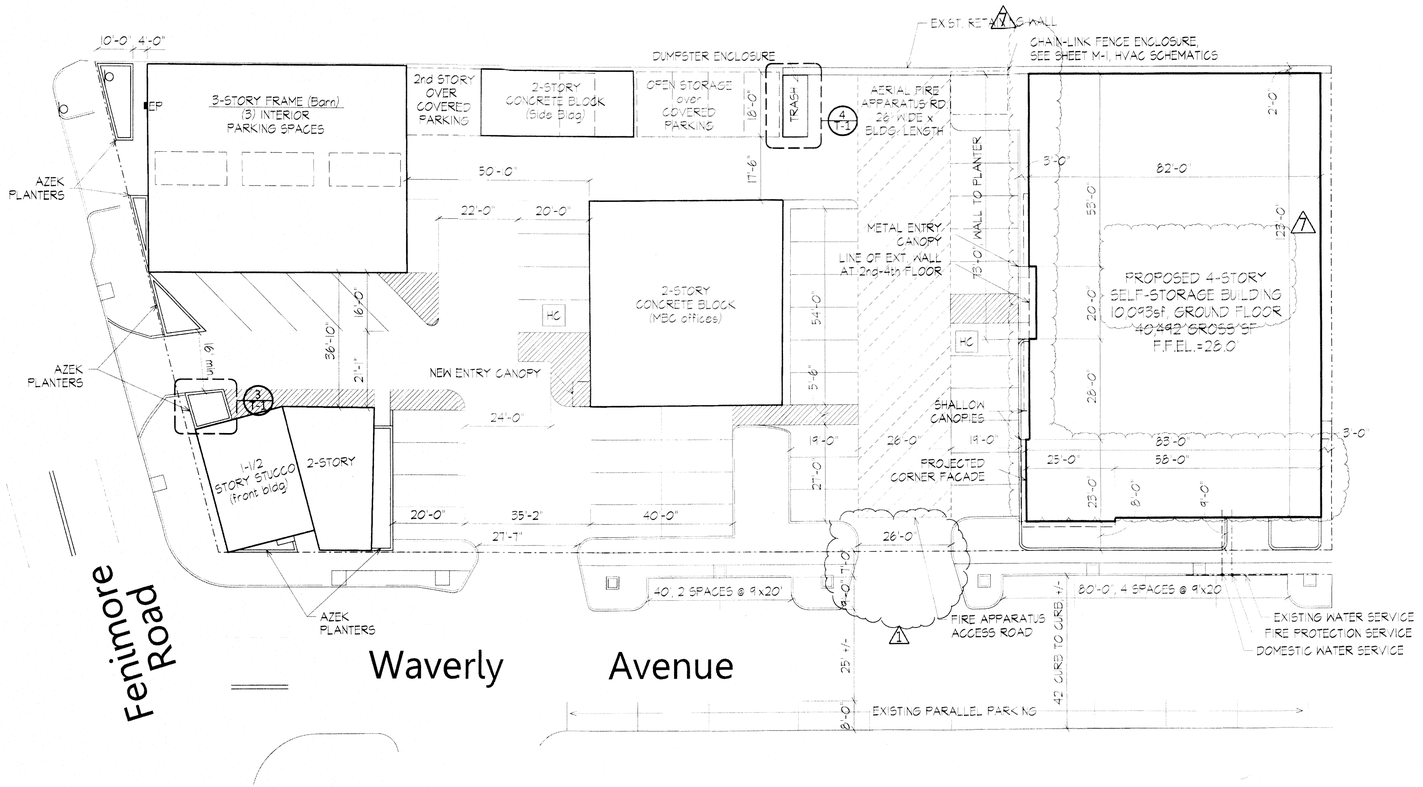
KIMBERLY TUTERA MARTELLI ARCHITECT 034575 STATE OF NEW YORK

project: 0051.00
date: 7/22/14
scale:

drawing title:
NYSBC CODE ANALYSIS & DETAILS

drawing number:
G-102



1 SITE PLAN
SCALE: 1"=20'

SITE PLAN NOTES:

1. EXISTING SITE DATA BASED ON CERTIFIED SURVEY BY THE MUNSON COMPANY AND dated DEC. 19, 2008.
2. EXISTING LOT AREA IS 44,156sf per SURVEY.
3. LOT IDENTIFICATIONS ARE AS FOLLOWS:
   -TOWN OF MAMARONECK: SBL 8-825-70
   -VILLAGE OF MAMARONECK: SBL 8-111-29-42
4. REFER TO SITE ENGINEERING PLAN FOR ADDITIONAL SITE & SUBSURFACE DESIGN DATA.
5. SCHEMATIC FLOOR PLANS REPRESENT BASIC GROSS & NET FLOOR AREAS.
6. CODE COMPLIANT EGRESS AND FIRE PROTECTION SYSTEMS SHALL BE FURTHER DEVELOPED FOR SUBSEQUENT BUILDING PERMIT APPLICATION.
7. NET STORAGE AREA SUBDIVISIONS WILL BE FURTHER DEVELOPED FOR SUBSEQUENT BUILDING PERMIT APPLICATION.
8. STORAGE UNIT MIX SHALL BE EVENLY DISTRIBUTED AMONGST ALL FLOOR LEVELS.
9. FIRE APPARATUS ACCESS ROAD SHALL BE IN ACCORDANCE WITH THE FIRE CODE of NYS, APPENDIX D, D105:AERIAL FIRE APPARATUS ACCESS ROAD IS PROVIDED PARALLEL TO THE LONGEST FACE OF BUILDING VERTICAL CLEARANCES SHALL BE MAINTAINED INCLUDING, BUT NOT LIMITED TO OVERHEAD WIRES & UTILITY POLES.

SITE PLAN LEGEND

- EXISTING SIGNAGE
- EXISTING ELECTRICAL SERVICE
- DIRECTIONAL TRAFFIC FLOW

SITE PLAN NOTES

REFER TO SHEET T-1 FOR:
-ONSITE & OFF SITE TRAFFIC PATTERNS
-SITE OCCUPANCY AND USAGE DETAILS
-PARKING ALLOCATIONS

ZONING COMPLIANCE SCHEDULE
Zoning District: M-1

Category	Required	Provided	Variance Required
Minimum Lot Area (SF)	10,000	44,156	-
Minimum Lot Width & Frontage (Ft)	50	134	-
Building Coverage (sf)	-	20,967	-
Maximum Building Coverage (%)	50%	47%	-
Maximum Floor Area Ratio	1.0	1.34	0.34
Maximum Building Height (Note 1)			
- Stories	3	4	1-Story
- Feet	45	45	-
Minimum Yard Requirements (Ft)			
- Front (Waverly)	Note 2	0'	8.0'
- Front (Fenimore), Note 3	10'	0.4'	-
- Rear (South East)	None	2'	-
- Rear (South West)	None	3'	-
Off-Street Loading (Note 4 & 5)			
(1/establishment + 1/ea. 12,000 sf GFA)	5	0	5
Off-Street Parking	54	18	36

Note 1: HEIGHT, BUILDING: The vertical distance to the highest level of the highest point of the roof if the roof is flat or mansard or to the mean level between the eaves and the highest point of the roof if the roof is of any other type, measured from the average level of the existing grade prior to construction adjacent to the exterior walls of the building.

Note 2: In the case of corner lots, the Planning Board shall establish reasonable setbacks from the street under the provisions of § 342-79. A minimum front yard of 10 feet shall be maintained along Fenimore Road for new work.

Note 3: Front yard setback from Fenimore Road is existing condition, no change proposed in new work.

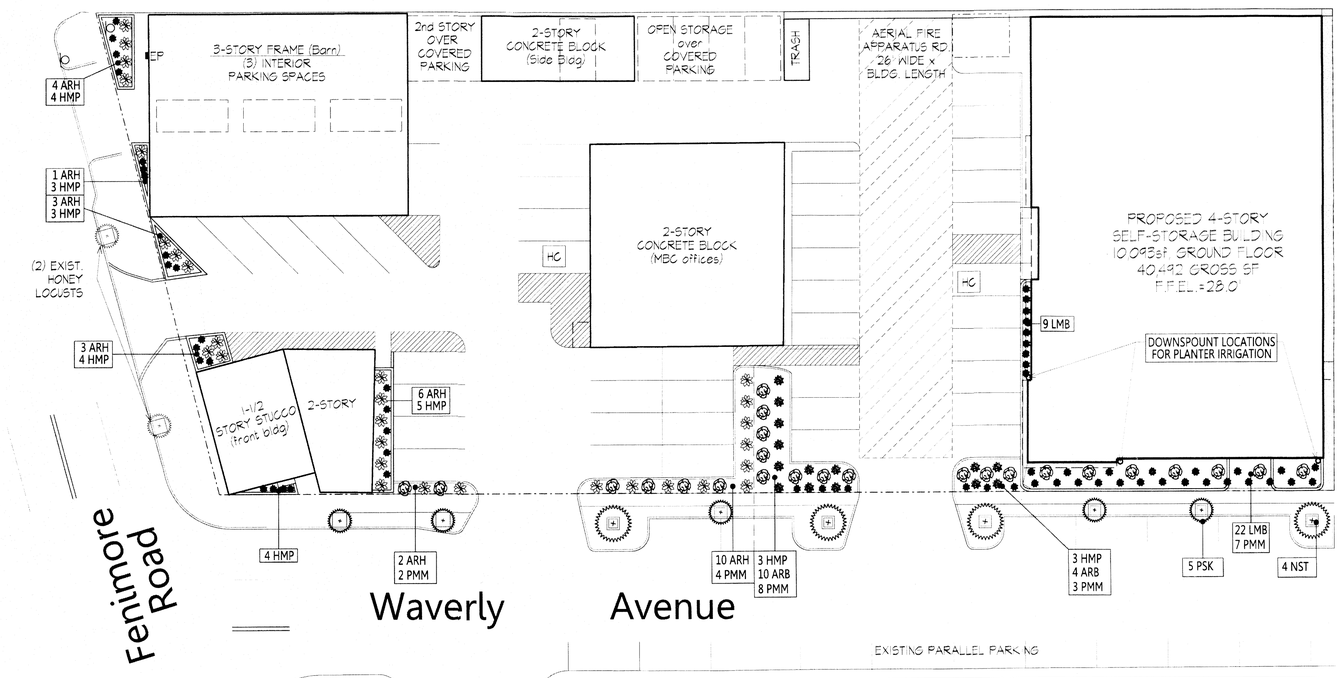
Note 4: Existing off-street parking associated with site buildings to remain shall not be reduced in acccordance with Zoning Section 342-55, Existing Uses, and shall not be required to comply with current off-street parking requirements.

Note 5: Refer to Drawing T-1, Site Occupancy Data & Traffic Plan, 5/Property Usage Data for detailed existing & proposed site development data.

Floor Area Calculations

Level	Building (Gross)	Net Storage	Office	Efficiency
Ground Floor	10,093	7,004	350	69%
2nd Floor	10,133	7,600	0	75%
3rd Floor	10,133	7,600	0	75%
4th floor	10,133	7,600	0	75%
Totals	40,492	29,803	350	74%

2 ZONING TABULATIONS
REFERENCE: VILLAGE OF MAMARONECK ZONING ORDINANCE



3 LANDSCAPE PLAN
SCALE: 1"=20'

PLANT SCHEDULE		BOTANICAL NAME			ADDITIONAL DATA			
TYPE	PLANT DESIGNATION	GENUS	SPECIES	CULTIVAR	COMMON NAME	SIZE (@ PLANTING)	SIZE (@ MATURITY)	QUANTITY
TREE	PSK	PRUNUS	SERRULATA	KANZAN	FLOWERING CHERRY	8-10 FEET	15-25 FEET	5
TREE	NST	NYSSA	SYLVATICA	TELUPO	BLACK GUM	12 FEET	30-50 FEET	4
PERENNIALS	LMB	LIRIOPE	MUSCARI	BIG BLUE	LILY TURF		1-2 FEET	31
PERENNIALS	HMP	HEMEROCALLIS	MIDDENDORFFII	PRAIRIE BLUE EYES	DAYLILY		2-3 FEET	29
SHRUBS	ARB	AZALEA	RHODODENDRON	BLAAUW'S PINK	EVERGREEN AZALEA	2-4 FEET	2-4 FEET	16
SHRUBS	ARH	AZALEA	RHODODENDRON	HERBERT	EVERGREEN AZALEA	2-3 FEET	2-3 FEET	29
SHRUBS	PMM	PINES	MUGO	MOPS	DWARF MOUNTAIN PINE	3-4 FEET	3-4 FEET	24

1. SUBSTITUTIONS ARE ALLOWED DUE TO AVAILABILITY AND HEALTH OF PLANTS.
2. ALL SUBSTITUTIONS SHALL BE APPROVED BY PROPERTY OWNER.
3. ALL PLANTS TO BE NURSERY STOCK.
4. ALL SHRUBS & PERENNIALS TO BE INSTALLED IN PLANT BED WITH 4" PINE BARK MULCH. PROVIDE SHOVEL EDGE ON BED @ MINIMUM.
5. STREET TREES SHALL BE PLANTED IN & SURROUNDED BY A SILVA CELL MODULAR SUSPENDED PAVEMENT SYSTEM ALLOWING FOR ROOT GROWTH & STORMWATER MANAGEMENT INFRASTRUCTURE WHERE EXISTING UTILITIES PERMIT.
6. TREE GRATES SHALL BE INSTALLED AT ALL PROPOSED TREES ALONG WAVERLY AVENUE TO MATCH EXISTING GRATES AT FENIMORE ROAD.
7. DO NOT OVER MULCH TREE PLANTING. USE PINE BARK MULCH ONLY.
8. ALL MATERIAL, PLANTS, SOIL & GROWING MEDIUM MUST BE FREE OF INVASIVE SPECIES.

GRAPHIC LEGEND

- PSK
- NST
- LMB
- HMP
- ARB
- ARH
- PMM

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

NO DEVIATIONS WITHOUT PRIOR APPROVAL

PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODES

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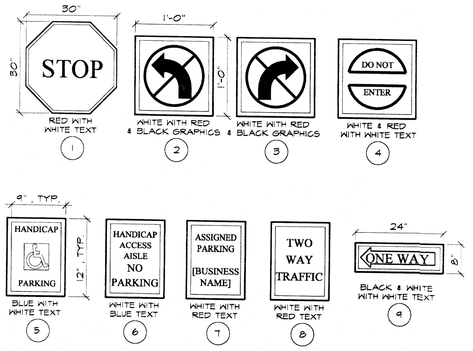
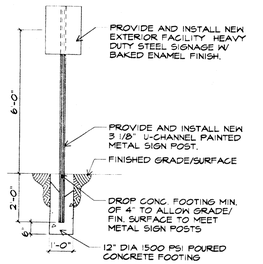
REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI STATE OF NEW YORK

project: 0051.00
date: 7/22/14
scale: AS NOTED

drawing title: SITE & LANDSCAPE PLANS

drawing number: SY-101





SIGNAGE INSTALLATION NOTES:

1. FASTEN SIGNAGE W/ MIN. OF 2 THRU SCREWS
2. REFER TO ADJACENT PLAN FOR MOUNTING TYPE PER SIGN: P=POST MOUNTED; W=WALL/SURFACE MOUNTED
3. SIGNAGE MAINTENANCE SHALL BE BY PROPERTY OWNER.

GENERAL NOTES:

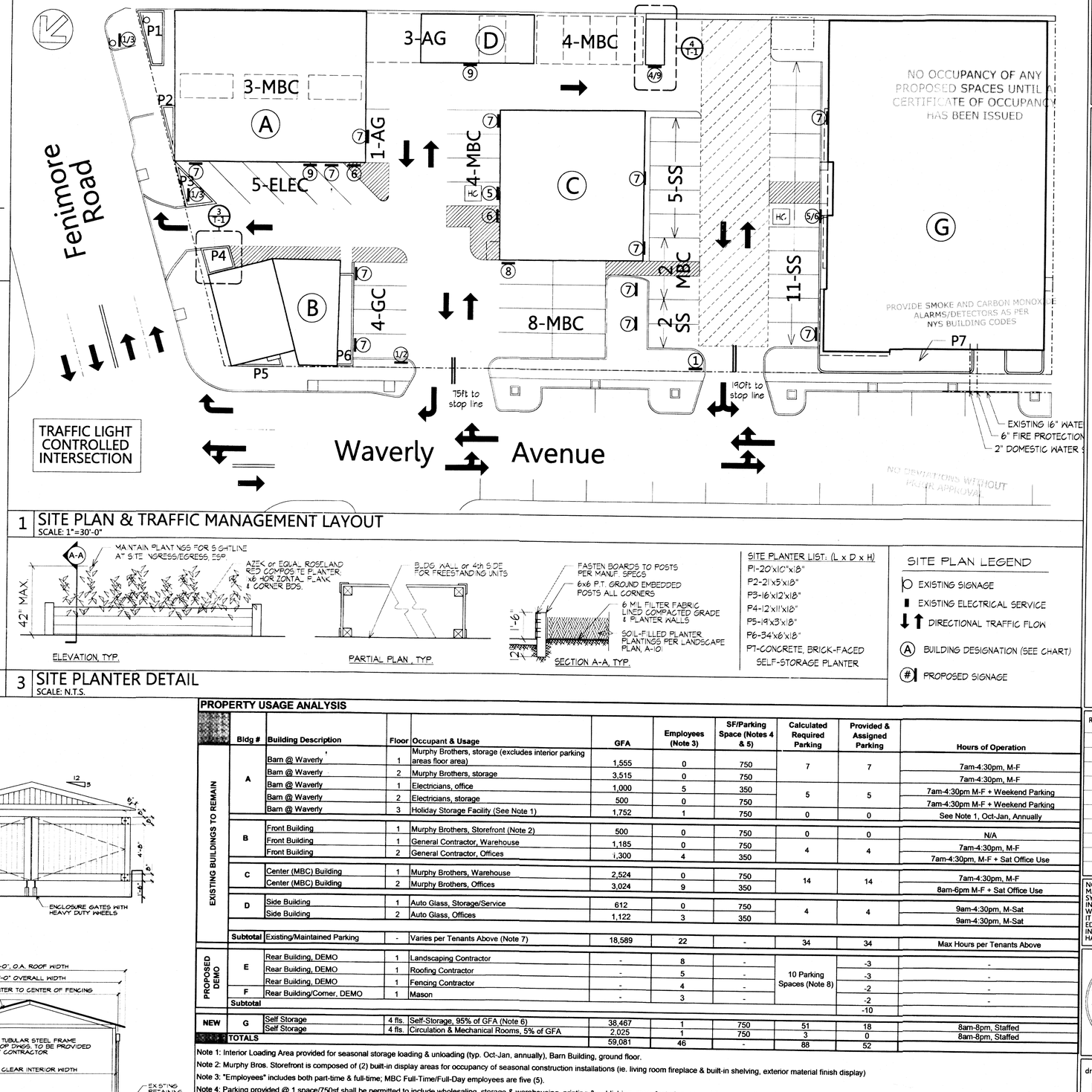
1. TRAFFIC MANAGEMENT PLAN IS PROVIDED FOR REFERENCE PURPOSES ONLY. REFER TO DRAWINGS C-1 & A-101 FOR SITE PLAN LAYOUT.
2. FOR SITE SIGNAGE DESIGNATION, SEE ADJACENT PLAN AND SIGNAGE GRAPHICS & DETAIL ABOVE, THIS SHEET.
3. SEE PARKING NOTES BELOW FOR REQUIRED MARKINGS AS INDICATED IN SITE PLAN, THIS SHEET.

PARKING DESIGN & LAYOUT NOTES:

1. PARKING LINES FOR HANDICAP ACCESSIBLE SPACES AND ACCESS AISLE SHALL BE PAINTED 4" WIDE, BLUE.
2. PARKING LINES FOR ALL OTHER SPACES SHALL BE PAINTED 4" WIDE, WHITE.
3. "STOP" LINE SHALL BE 24" WIDE x 10' LONG; STOP LINE & SIGNAGE SHALL BE 48" FROM SIDEWALK, MIN.
4. FOR TWO-WAY TRAFFIC DOUBLE YELLOW TRAFFIC LINE SHALL BE PAINTED 10 FEET LONG FROM STOP SIGN LOCATION.
5. PARKING SPACE DESIGNATION IS INDICATED IN THE PROVIDED PLAN FOR EXISTING & PROPOSED USAGES PER THE PROVIDE SPREADSHEET OF SITE OCCUPANCY DATA, THIS SHEET.
6. PARKING SPACES INCLUDE (2) FULL SIZE HANDICAP ACCESSIBLE PARKING SPACES PER NYS BUILDING CODE SECTION 1106.
8. NYSDOT & NYSBC COMPLIANT SIGNAGE SHALL BE PROVIDED FOR HANDICAP ACCESSIBLE SPACES AND ACCESS AISLE.

SITE INGRESS/EGRESS TRAFFIC NOTES:

1. TWO (2) TWO-WAY, SITE ACCESS CURB CUTS ARE LOCATED ON WAVERLY AVENUE, (1) EXISTING & (1) NEW.
2. (1) EXISTING EGRESS & RIGHT TURN ONLY CURB CUT IS LOCATED ON FENIMORE ROAD.
3. CIRCULATION WITHIN THE ON-SITE PARKING LOT IS TWO-WAY, EXCEPT AT THE REAR OF THE MBC BUILDING (C) & AT PARKING AREA LEADING TO & EGRESS AT FENIMORE ROAD.



1 SITE PLAN & TRAFFIC MANAGEMENT LAYOUT

SCALE: 1"=30'-0"

SITE PLANTER LIST: (L x D x H)

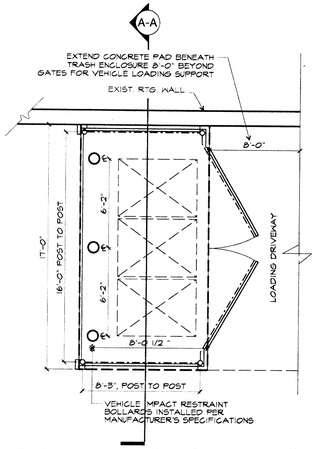
- P1-20'x10"x18"
- P2-21'x5'x18"
- P3-16'x12'x18"
- P4-12'x11'x18"
- P5-19'x3'x18"
- P6-34'x6'x18"
- P7-CONCRETE, BRICK-FACED SELF-STORAGE PLANTER

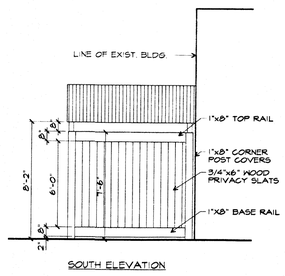
SITE PLAN LEGEND

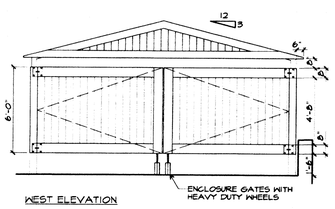
- EXISTING SIGNAGE
- EXISTING ELECTRICAL SERVICE
- DIRECTIONAL TRAFFIC FLOW
- (A) BUILDING DESIGNATION (SEE CHART)
- (#) PROPOSED SIGNAGE

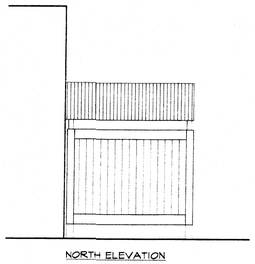
2 PARKING MANAGEMENT PLAN & SIGNAGE DETAILS

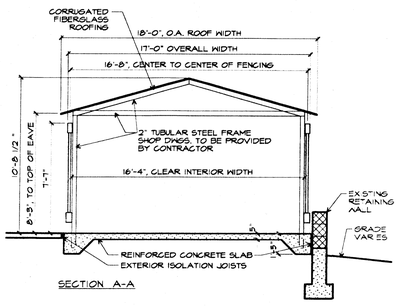
SCALE: N.T.S.











NOTES:

1. ENCLOSURE CONSTRUCTION TO BE WOOD FENCING OVER CHAIN LINK & STEEL TUBULAR FRAME WITH REINFORCED CORRUGATED FIBERGLASS ROOF.
2. ENCLOSURE SIZED TO HOUSE (3) 1.5 CU.YD. MOBILE TRASH/RECYCLING BINS FOR PICK-UP.
3. ROOF PROVIDED OVER TRASH BIN AREA.

4 REFUSE ENCLOSURE PLAN & DETAILS

SCALE: N.T.S.

3 SITE PLANTER DETAIL

SCALE: N.T.S.

PROPERTY USAGE ANALYSIS

	Bldg #	Building Description	Floor	Occupant & Usage	GFA	Employees (Note 3)	SF/Parking Space (Notes 4 & 5)	Calculated Required Parking	Provided & Assigned Parking	Hours of Operation
EXISTING BUILDINGS TO REMAIN	A	Barn @ Waverly	1	Murphy Brothers, storage (excludes interior parking areas floor area)	1,555	0	750	7	7	7am-4:30pm, M-F
		Barn @ Waverly	2	Murphy Brothers, storage	3,515	0	750			7am-4:30pm, M-F
		Barn @ Waverly	1	Electricians, office	1,000	5	350	5	5	7am-4:30pm M-F + Weekend Parking
		Barn @ Waverly	2	Electricians, storage	500	0	750			7am-4:30pm M-F + Weekend Parking
		Barn @ Waverly	3	Holiday Storage Facility (See Note 1)	1,752	1	750	0	0	See Note 1, Oct-Jan, Annually
	B	Front Building	1	Murphy Brothers, Storefront (Note 2)	500	0	750	0	0	N/A
		Front Building	1	General Contractor, Warehouse	1,185	0	750	4	4	7am-4:30pm, M-F
		Front Building	2	General Contractor, Offices	1,300	4	350			7am-4:30pm, M-F + Sat Office Use
	C	Center (MBC) Building	1	Murphy Brothers, Warehouse	2,524	0	750	14	14	7am-4:30pm, M-F
		Center (MBC) Building	2	Murphy Brothers, Offices	3,024	9	350			8am-6pm M-F + Sat Office Use
	D	Side Building	1	Auto Glass, Storage/Service	612	0	750	4	4	9am-4:30pm, M-Sat
		Side Building	2	Auto Glass, Offices	1,122	3	350			9am-4:30pm, M-Sat
	Subtotal	Existing/Maintained Parking	-	Varies per Tenants Above (Note 7)	18,589	22	-	34	34	Max Hours per Tenants Above
PROPOSED DEMO	E	Rear Building, DEMO	1	Landscaping Contractor	-	8	-	10 Parking Spaces (Note 8)	-3	-
		Rear Building, DEMO	1	Roofing Contractor	-	5	-		-3	-
		Rear Building, DEMO	1	Fencing Contractor	-	4	-		-2	-
	F	Rear Building/Corner, DEMO	1	Mason	-	3	-		-2	-
	Subtotal								-10	
NEW	G	Self Storage	4 fls.	Self-Storage, 95% of GFA (Note 6)	38,467	1	750	51	18	8am-8pm, Staffed
		Self Storage	4 fls.	Circulation & Mechanical Rooms, 5% of GFA	2,025	1	750	3	0	8am-8pm, Staffed
	TOTALS				59,081	46	-	88	52	

Note 1: Interior Loading Area provided for seasonal storage loading & unloading (typ. Oct-Jan, annually), Barn Building, ground floor.

Note 2: Murphy Bros. Storefront is composed of (2) built-in display areas for occupancy of seasonal construction installations (ie. living room fireplace & built-in shelving, exterior material finish display)

Note 3: "Employees" includes both part-time & full-time; MBC Full-Time/Full-Day employees are five (5).

Note 4: Parking provided @ 1 space/750sf shall be permitted to include wholesaling, storage & warehousing, printing & publishing, manufacturing, assembling, converting, altering, finishing, cleaning or other processing.

Note 5: Parking provided @ 1 space/350sf shall be permitted to include retail or service business.

Note 6: Self-Storage facilities have been evaluated by the American Planning Association (APA), and found to have much lower parking requirements. The parking requirement recommended by the APA for Self-Storage facilities is one space per 40 – 45 storage units plus one space per facility manager or one per employee in the facility's largest shift.

Note 7: Existing off-street parking associated with site buildings to remain shall not be reduced in accordance with Zoning Section 342-55 and shall not be required to comply with current off-street parking requirements as follows:§ 342-55 Existing uses. [Amended 3-25-1974, effective 4-3-1974] Structures and land uses in existence on or for which building permits shall have been approved prior to April 1, 1968, shall not be subject to the requirements for off-street parking spaces set forth herein, provided that any parking facilities now existing to serve such structures or uses shall not in the future be reduced or converted to any other purpose, except to the extent that they may exceed such requirements. Any building permit for the enlargement or extension of any such structure or use shall be conditioned upon the provision of all parking spaces required for such enlargement or extension.

Note 8: Proposed occupancies for demolition currently utilize off-site parking in Waverly Avenue R.O.W., in addition to onsite, existing (10) parking spaces.

5 PROPERTY USAGE DATA

SCALE: N/A

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MAMARONECK SELF-STORAGE

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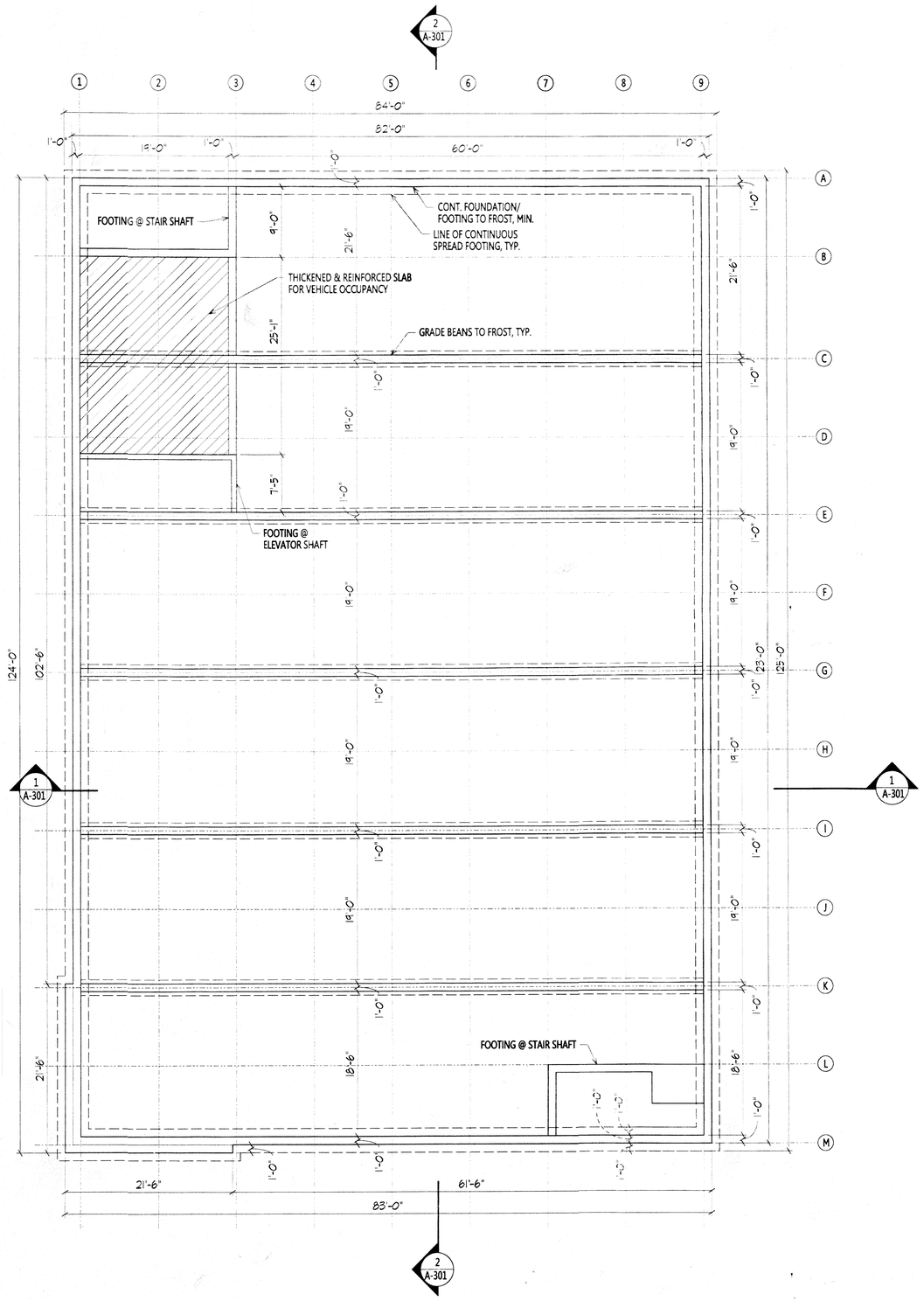
REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI 027575 STATE OF NEW YORK

project: 0051.00
date: 7/22/14
scale: AS NOTED

drawing title: PROJECT DATA SITE DETAILS & TRAFFIC PLAN

drawing number: SY-102



1 FOUNDATION PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES

REFER TO DRAIWNG G-101 FOR COMPLETE PROJECT DRAWING LIST

REFER TO DRAWING G-102 FOR CODE ANALYSES & FIRE RESISTANCE-RATING SCHEMATICS

REFER TO DRAWINGS SY-101 & SY-102 FOR SITE PLAN & SITE DETAILS

REFER TO DRAWINGS A-101 THROUGH A-105 FOR MASTER FLOOR PLANS

REFER TO DRAWING A-106 FOR ROOF PLANS

REFER TO DRAWINGS A-201 & A-202 FOR BUILDING ELEVATIONS

REFER TO DRAWINGS A-301 THROUGH A-303 FOR SECTIONS & DETAILS

REFER TO DRAWING A-401 FOR STAIR SECTIONS AND DETAILS

REFER TO DRAWING A-402 FOR ELEVATOR SECTIONS AND DETAILS

REFER TO DRAWING M-101 FOR HVAC SCHEMATIC PLANS & SPECIFICATIONS

REFER TO DRAWING E-101 FOR ELECTRICAL SCHEMATIC PLANS & SPECIFICATIONS

BUILDING SYSTEM NOTES

1. ALL FIRE RESISTANCE RATED WALL CONSTRUCTION SHALL COMMENCE AT THE FLOOR SLAB AND EXTEND TO THE UNDERSIDE OF THE FLOOR DECK ABOVE.

2. ALL FIRE RESISTANCE RATED SHAFT WALL CONSTRUCTION SHALL COMMENCE AT THE FINISHED CEILING BELOW THE LOWEST LEVEL INDICATED (IF APPLICABLE) & TERMINATE AT THE TOP OF THE SHAFT OR EXHAUST.

3. ALL VERTICAL & HORIZONTAL PENETRATIONS THROUGH FIRE-RESISTANCE RATED FLOOR CONSTRUCTION SHALL NOT COMPROMISE THE RATED ASSEMBLY OF SUCH FLOOR CONSTRUCTION.

4. FRAMING SUPPORTING FLOOR CONSTRUCTION SHALL BE FIRE-RESISTANCE RATED NO LESS THAN THE SUPPORTED FLOOR CONSTRUCTION.

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODES

NO DEVIATIONS WITHOUT PRIOR APPROVAL

2 DETAILS & NOTES
SCALE: AS NOTED

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for Murphy Brothers Contracting

REVISION/SUBMISSION NOTES

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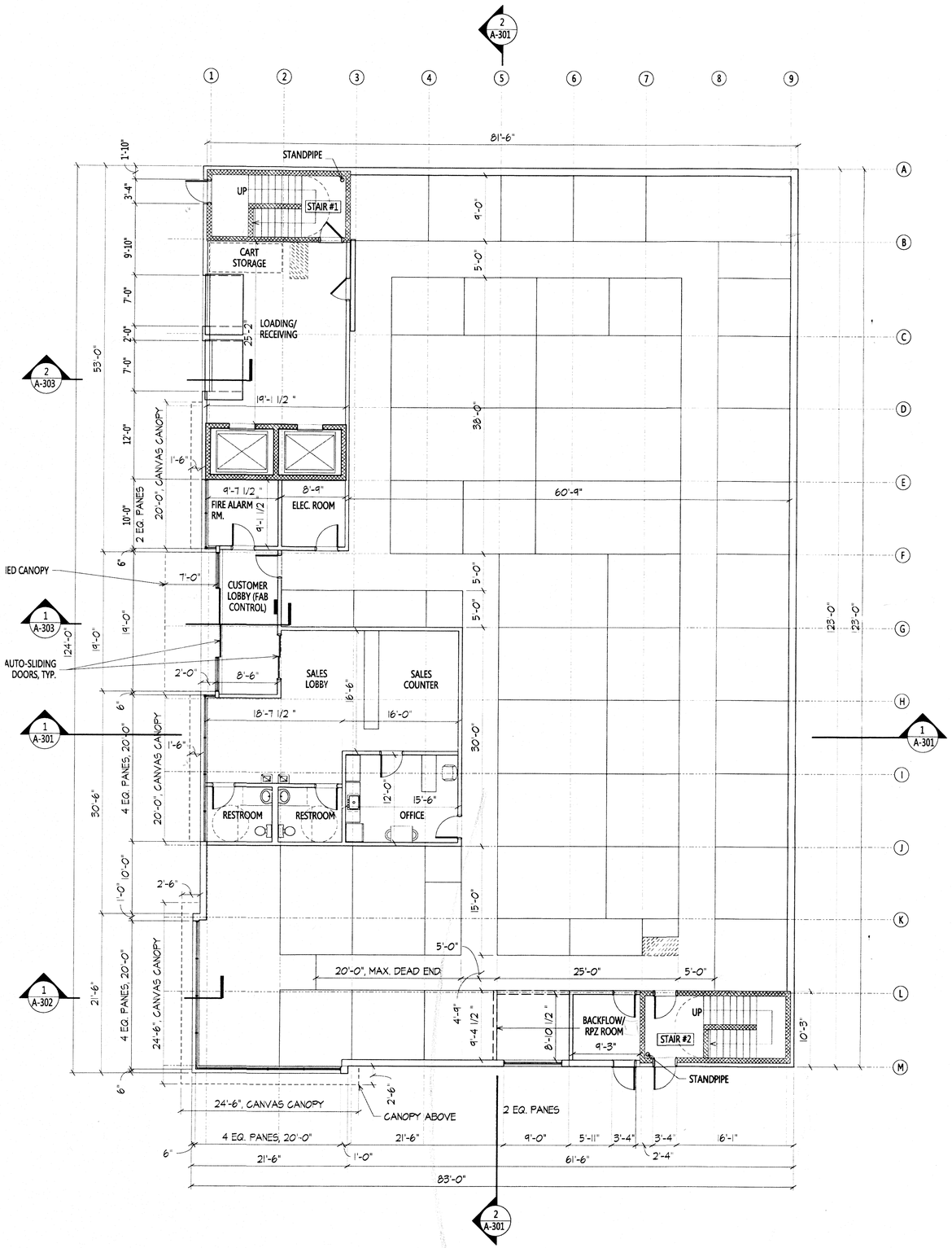
REGISTERED ARCHITECT
KIMBERLY TUTERA MARTELLI
STATE OF NEW YORK
034776

project: 0051.00
date: 7/22/14
scale: 1/8"=1'-0"

drawing title:
FOUNDATION PLAN

drawing number:
A-101



1 FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES

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REFER TO DRAWING M-101 FOR HVAC SCHEMATIC PLANS & SPECIFICATIONS

REFER TO DRAWING E-101 FOR ELECTRICAL SCHEMATIC PLANS & SPECIFICATIONS

BUILDING SYSTEM NOTES

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3. ALL VERTICAL & HORIZONTAL PENETRATIONS THROUGH FIRE-RESISTANCE RATED FLOOR CONSTRUCTION SHALL NOT COMPROMISE THE RATED ASSEMBLY OF SUCH FLOOR CONSTRUCTION.

4. FRAMING SUPPORTING FLOOR CONSTRUCTION SHALL BE FIRE-RESISTANCE RATED NO LESS THAN THE SUPPORTED FLOOR CONSTRUCTION.

PROVIDE SMOKE AND CARBON MONOXIDE [illegible] AS PER [illegible] CODES

NO DEVIATIONS WITHOUT PRIOR APPROVAL

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

2 NOTES & DETAILS
SCALE: AS NOTED

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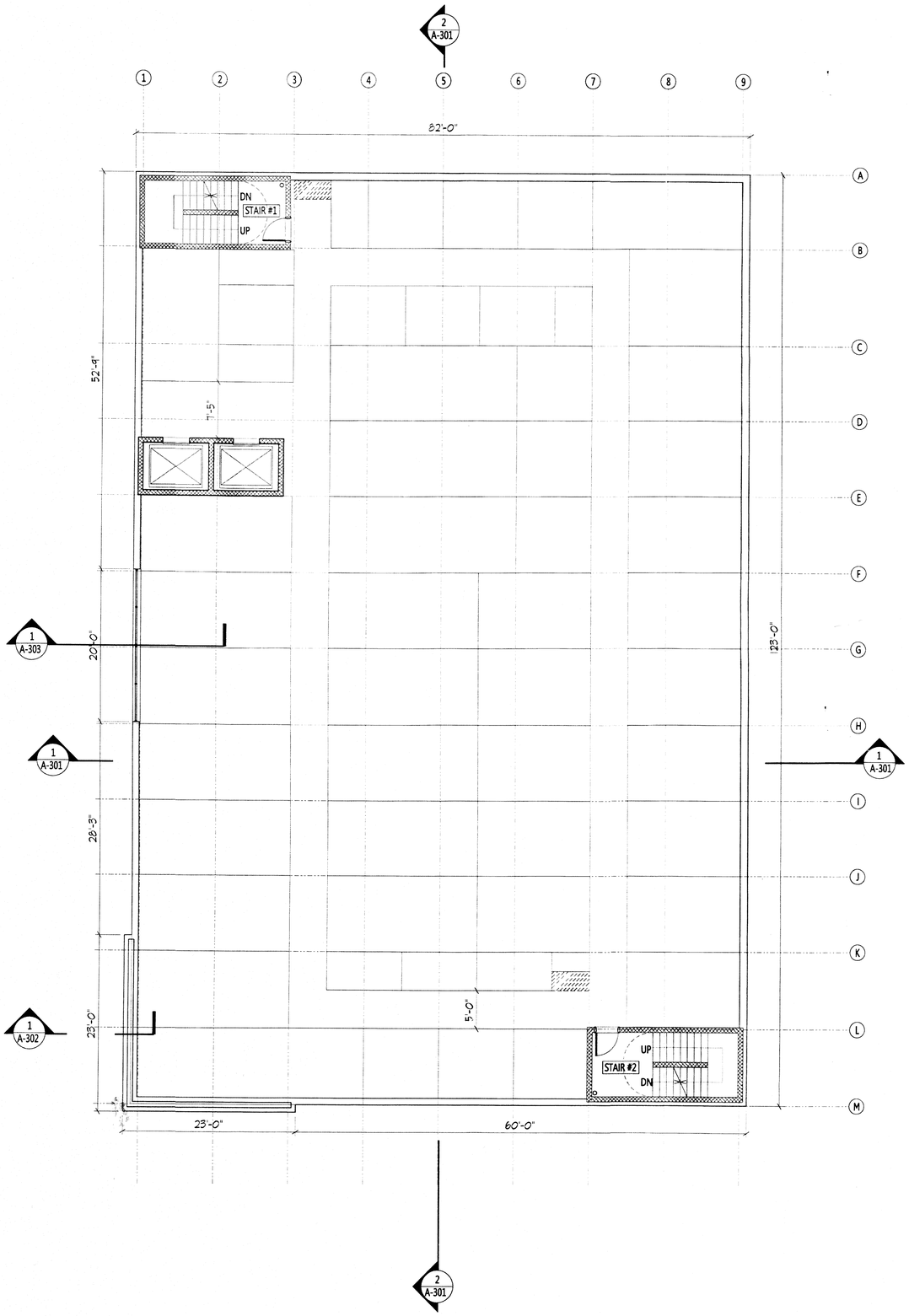
REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI STATE OF NEW YORK 026775

project: 0051.00
date: 7/22/14
scale: 1/8"=1'-0"

drawing title:
FIRST FLOOR PLAN

drawing number:
A-102



1 SECOND FLOOR PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES

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REFER TO DRAWING E-101 FOR ELECTRICAL SCHEMATIC PLANS & SPECIFICATIONS

BUILDING SYSTEM NOTES

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2 NOTES & DETAILS
SCALE: AS NOTED

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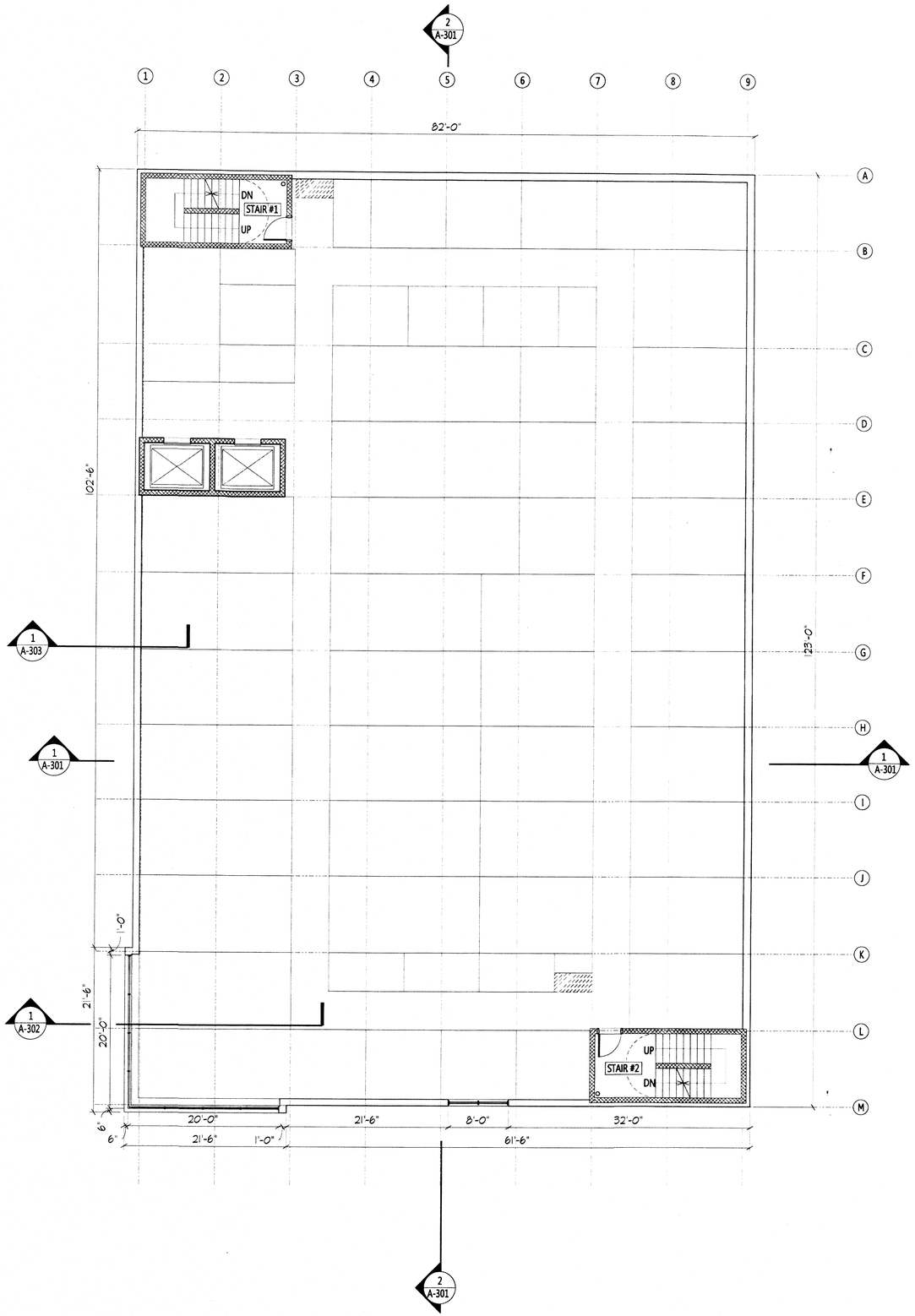
REGISTERED ARCHITECT
KIMBERLY TUTERA MARTELLI
042471
STATE OF NEW YORK

project: 0051.00
date: 7/22/14
scale: 1/8"=1'-0"

drawing title:
SECOND FLOOR PLAN

drawing number:
A-103



1 THIRD FLOOR PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES

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2 NOTES & DETAILS
SCALE: AS NOTED

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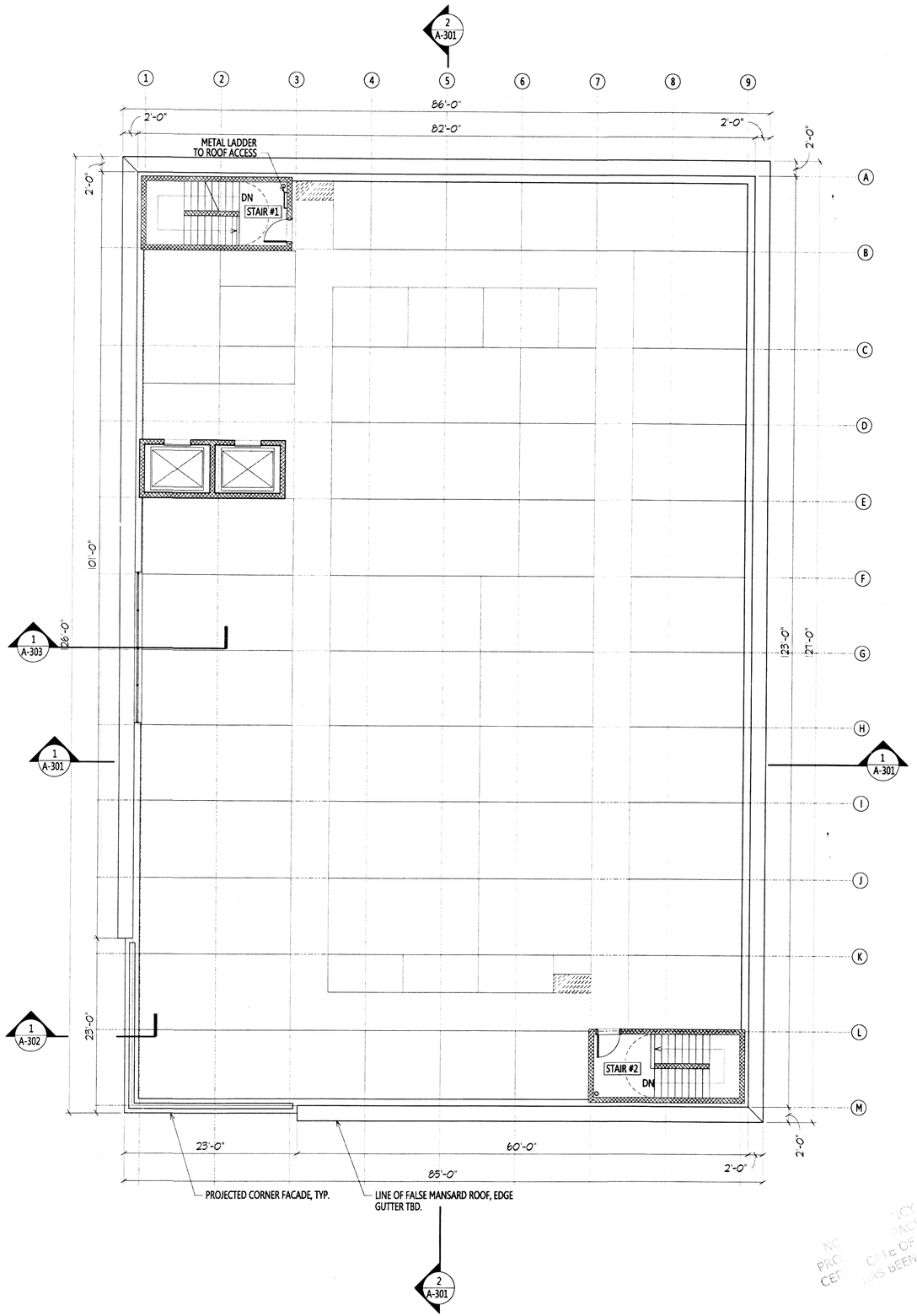
REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI STATE OF NEW YORK

project: 0051.00
date: 7/22/14
scale: 1/8"=1'-0"

drawing title:
THIRD FLOOR PLAN

drawing number:
A-104



1 FOURTH FLOOR PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES

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2 NOTES & DETAILS
SCALE: AS NOTED

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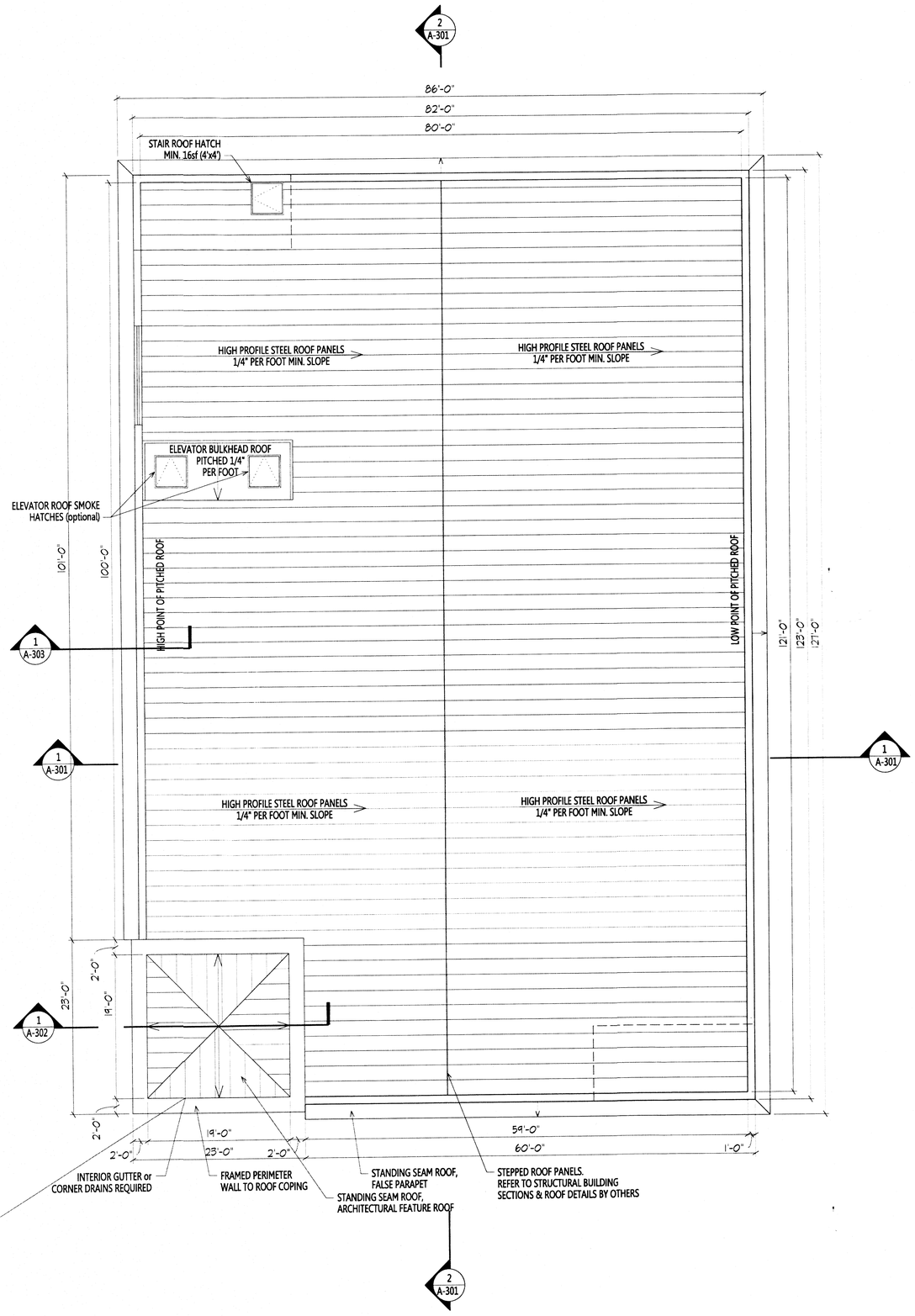
project: 0051.00
date: 7/22/14
scale: 1/8"=1'-0"

drawing title:
FOURTH FLOOR PLAN

drawing number:
A-105



1 ROOF PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES

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2 NOTES & DETAILS
SCALE: AS NOTED

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REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI STATE OF NEW YORK

project: 0051.00
date: 7/22/14
scale:

drawing title:
ROOF PLAN & DETAILS

drawing number:
A-106

F... CARBON MONOXIDE ... AS PER ... CODES

NO DEVIATIONS WITHOUT PRIOR APPROVAL

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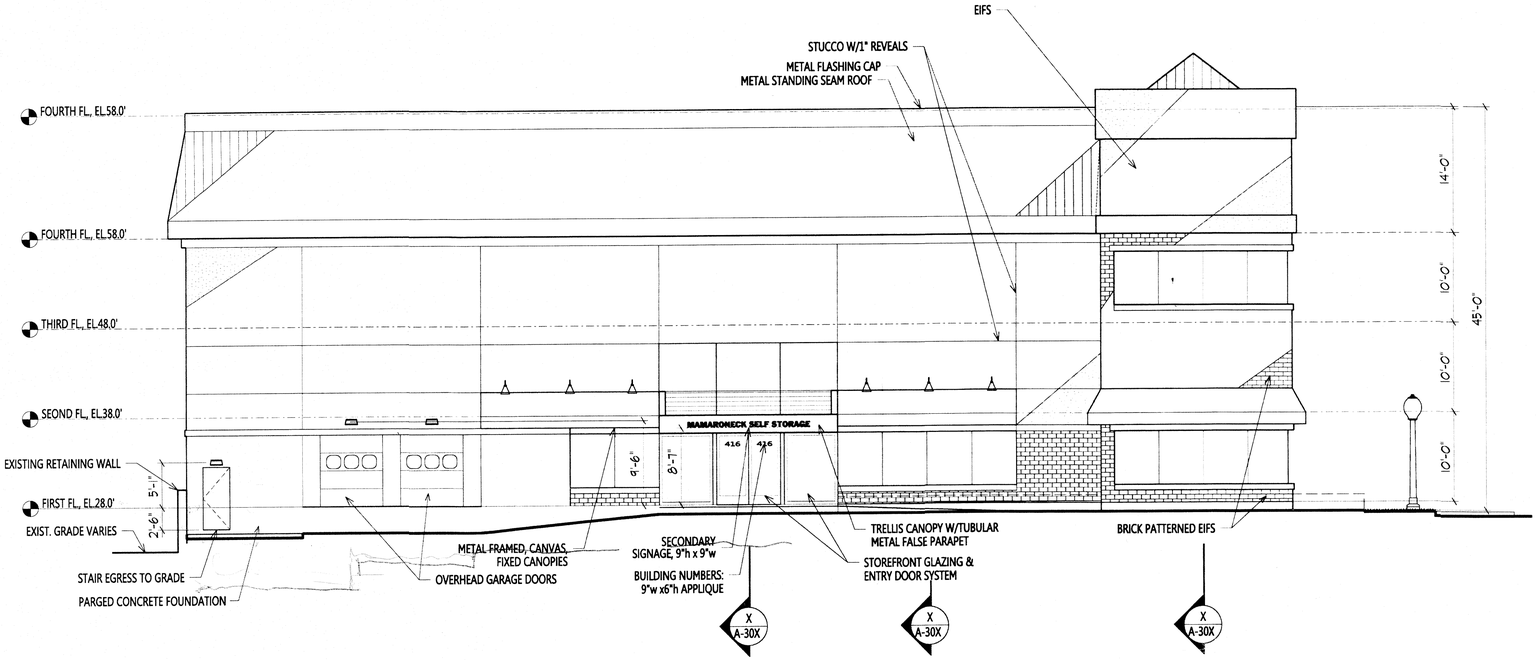
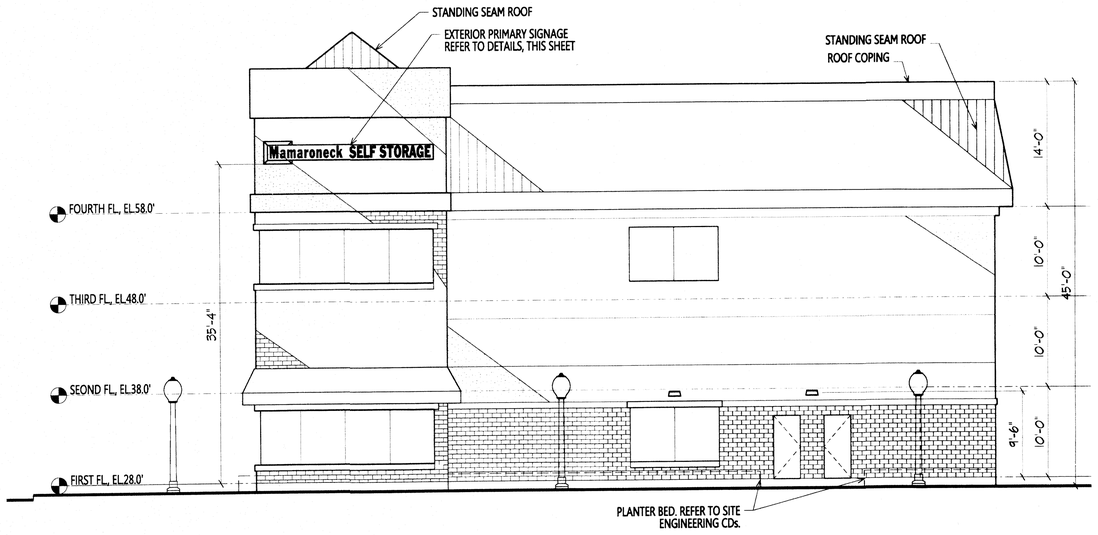
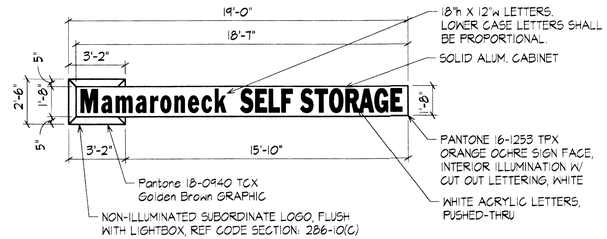


1 EAST ELEVATION
SCALE: 1/8"=1'-0"



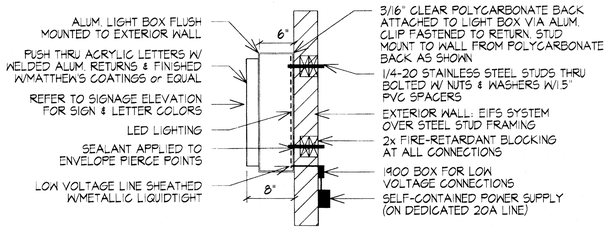
2 NORTH ELEVATION
SCALE: 1/8"=1'-0"



A NORTH SIGNAGE, AS DETAILED ABOVE

B EAST SIGNAGE, @ 50% SCALE OF SIGNAGE DETAILED ABOVE (FONT ONLY)

3 SIGNAGE DETAILS
SCALE: 1/4"=1'-0"



4 SIGNAGE DETAILS
SCALE: 1"=1'-0"

Zoning Tabulations: Signage (Mamaroneck Village Ordinance, Chapter 286)		
Item	Required/Permitted	Provided
District	M-1	M-1
Regulations by District	286-12(B)	286-12(B)
Permitted Number of Frontage Signs (North Façade): 286-12(B)(1)	1	1
Accessory Signage, Side (East Façade): 286-12(B)3	1	1
Accessory Signage Size & Design (East Façade): 286-12(B)3	50% of Primary Sign	<50% of Primary Sign
Signage Type	-	Façade Mounted
Dimensions		
Height	30"	30" Max.
Horizontal (Note 2)	50 feet	19ft. max.
Projection from Building	10"	8"
Height of Bottom of Sign from Sidewalk (*, Note 1 & 3)	11 feet	Façade; 8'-7" to bottom of
Color: References are "Pantone"		
Color 1: Letters	-	White
Color 2: Sign Cabinet Face	-	Orange Ochre
Color 3: Subordinate Logo	-	Chocolate Brown
Signage Permit Fees (separate checks)		
Performance Bond	$250	$250
Permit Fee per Sign	$25	$50 (2 signs)

Note 1: Requested Variances are indicated with (*) above.

Note 2: Individual Sign length & sum of all sign lengths is less than 50 feet

Note 3: North elevation proposed signage is located above 2nd floor elevation to allow for adequate visibility.

5 STORFRONT ELEVATION
1/4'=1'-0"

EXTERIOR MATERIAL SPECIFICATIONS:

1. "FINE" FINISHED EIFS by DRYVIT or EQUAL, SANDPEBBLE FINE, PASTEL GREEN, 474A
2. BRICK-PATTERNED EIFS by DRYVIT or EQUAL, NEW YORK BRICK, COLOR WINTER BROWN 347A
3. STANDING SEAM FLAT ROOF PANELS, GALVALUME PLUS
4. STANDING SEAM MANSARD ROOF PANELS, RUSTIC RED
5. STANDING SEAM DECORATIVE ROOF PANELS, EVERGLADE
6. TINTED WINDOW GLAZING by PPG or EQUAL, BRONZE SOLARBAN LOW-E
7. CANOPIES, CANVAS-COVERED METAL FRAMED, RECACRIL FOREST GREEN R102 or EQUAL

EXTERIOR MATERIAL SUBMITTAL NOTES:

1. SIGNAGE & CANOPY SHOP DRAWINGS SHALL BE PROVIDED TO ARCHITECT & OWNER FOR REVIEW & APPROVAL.

2. EIFE, SIGNAGE & CANOPY SAMPLE MATERIALS SHALL BE INCLUDED WITH DRAWING & FABRICATION SUBMITTAL.

3. SIGNAGE SHALL BE IN COMPLIANCE WITH VILLAGE ZONING ORDINANCE UNLESS OTHERWISE AUTHORIZED BY MUNICIPAL APPROVING AGENCY.

6 EXTERIOR MATERIAL SPECIFICATIONS
SCALE: N/A

NO DEVIATIONS WITHOUT PRIOR APPROVAL

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for Murphy Brothers Contracting

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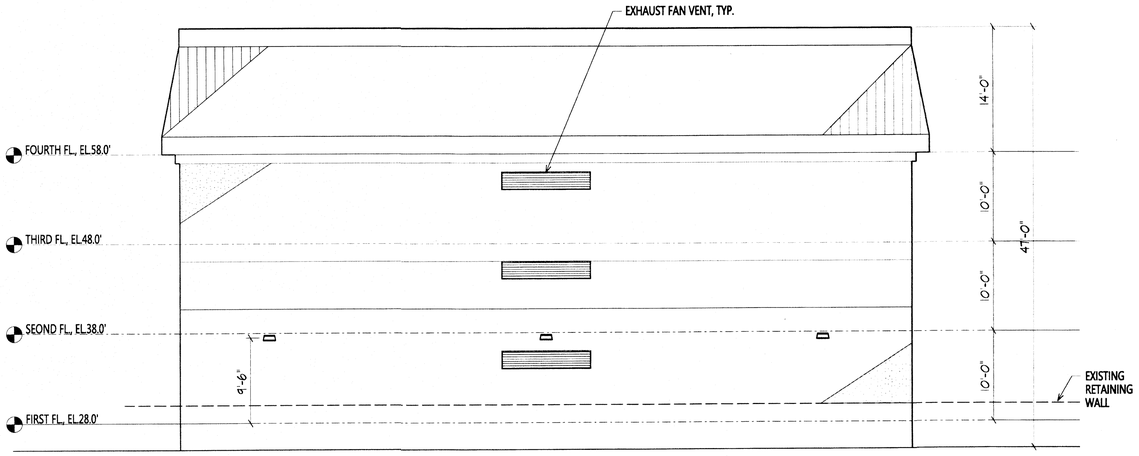
REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI 034275 STATE OF NEW YORK

project: 0051.00
date: 7/22/14
scale: AS NOTED

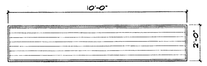
drawing title: NORTH & EAST ELEVATIONS

drawing number: A-201



1 SOUTH ELEVATION
SCALE: 1/4"=1'-0"

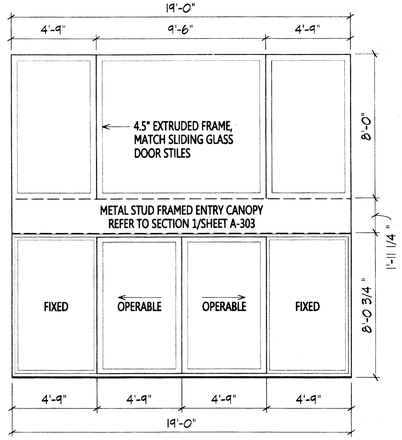
NO DEVIATIONS WITHOUT PRIOR APPROVAL



DESIGNATION	FRAME MATERIAL	SCREENS
L-1	ALUMINUM	INTERIOR INSTALLED INSECT SCREENS
MANUFACTURER NAT'L COMFORT PRODUCTS	CALLOUT ARCHITECTURAL LOUVER	- -

4 LOUVER SPECIFICATIONS
SCALE: 1/4"=1'-0"

DESIGNATION	FRAME MATERIAL	GLAZING	SCREENS	U - VALUE
GLAZING	ALUMINUM	1/4" DUAL PANE W/ 1/2" AIRSPACE BETWEEN	N/A	0.29 / 0.27
MANUFACTURER	CALLOUT	WINDOW TYPE	AIR PERF.	SHGC
PPG	Solarcool (2) INSULATING SOLARBRONZE + CLEAR	EXTRUDED ALUM. FRAME & COMMERCIAL GLAZING	.124 cfm/sf	0.32



DESIGNATION	FRAME MATERIAL	GLAZING	SCREENS	U - VALUE
THERMAL SLIDING DOOR	ALUMINUM	7/8" LOW-E INSULATED	N/A	0.41 (soft low-E)
MANUFACTURER	CALLOUT	DOOR/WINDOW TYPE	AIR PERF.	SHGC
KAWNEER	AA3900 OXXO UNIT	STOREFRONT	.124 cfm/sf	0.32

DESIGNATION	FRAME MATERIAL	GLAZING	SCREENS	U - VALUE
GLAZING	ALUMINUM	7/8" LOW-E INSULATED	N/A	0.41 (soft low-E)
MANUFACTURER	CALLOUT	DOOR/WINDOW TYPE	AIR PERF.	SHGC
KAWNEER	AA3900	STOREFRONT	.124 cfm/sf	0.32

GENERAL NOTES:

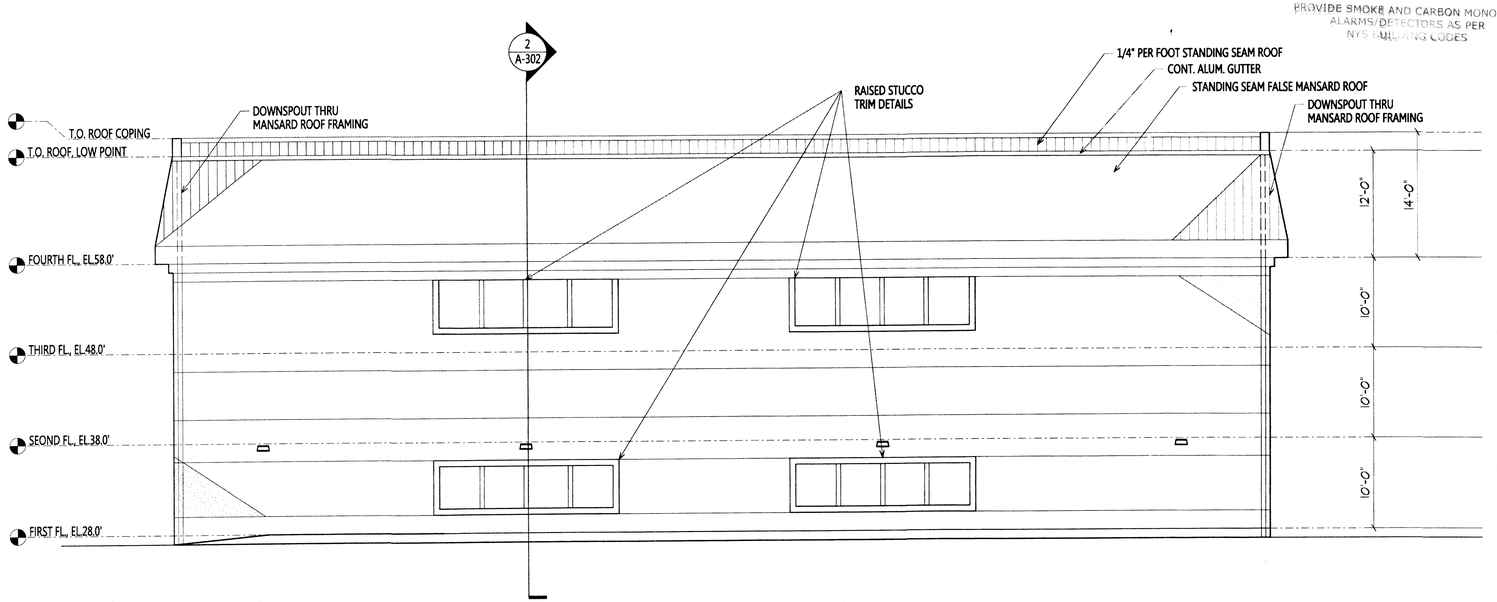
1. REFER TO MANUFACTURER SPECIFICATIONS FOR SLIDING DOOR & STOREFRONT GLAZING DETAILS.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ARCHITECT'S APPROVAL.
3. GLAZING TO MEET NYS ENERGY CONSTRUCTION COMPLIANCE CODE REGULATIONS.

SLIDING DOOR HARDWARE SPECIFICATIONS:

EXTERIOR PULLS: "D" PULL WITH CYLINDER
INTERIOR PULL: "D" PULL WITH THUMBTURN; "D" PULL (BLANK), OXXO INACTIVE PANEL
HARDWARE FINISH: SATIN NICKEL, PLATED
LOCK: 2-POINT LOCK
CASTERS: STANDARD

3 SLIDING DOOR/GLAZING DETAILS & SPECIFICATIONS
SCALE: 1/4"=1'-0"

PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODES



2 WEST ELEVATION
SCALE: 1/4"=1'-0"

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

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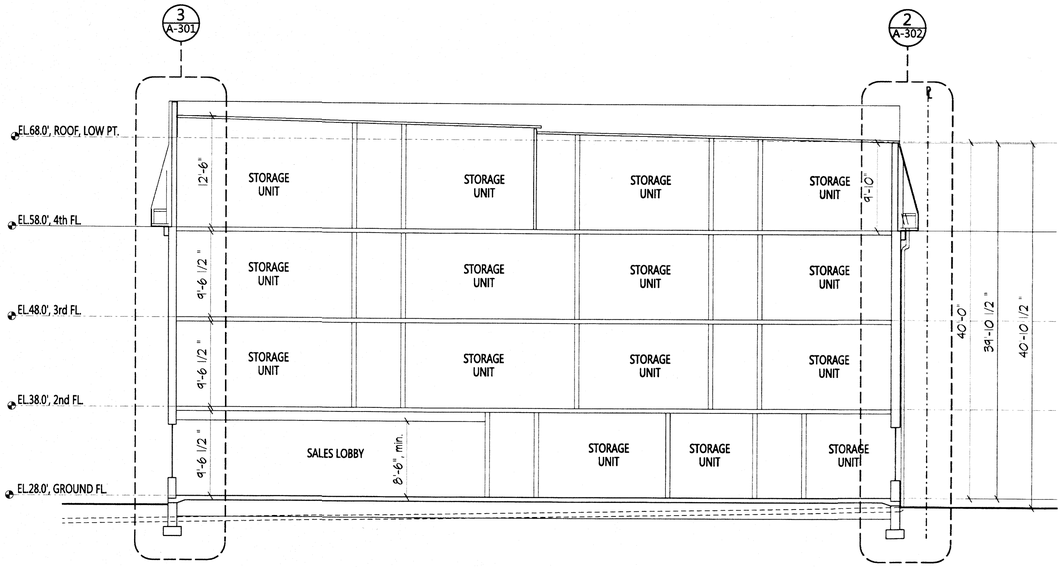
REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI 026275 STATE OF NEW YORK

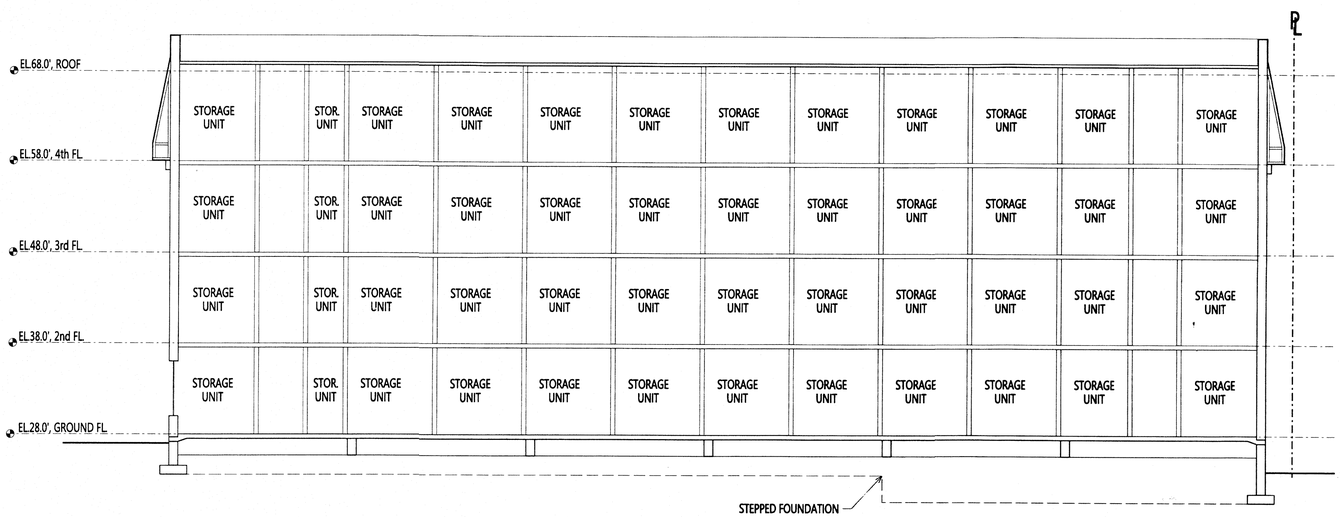
project: 0051.00
date: 7/22/14
scale:

drawing title: SOUTH & WEST ELEVATIONS

drawing number: A-202



1 BUILDING SECTION
SCALE: 1/8"=1'-0"



2 BUILDING SECTION
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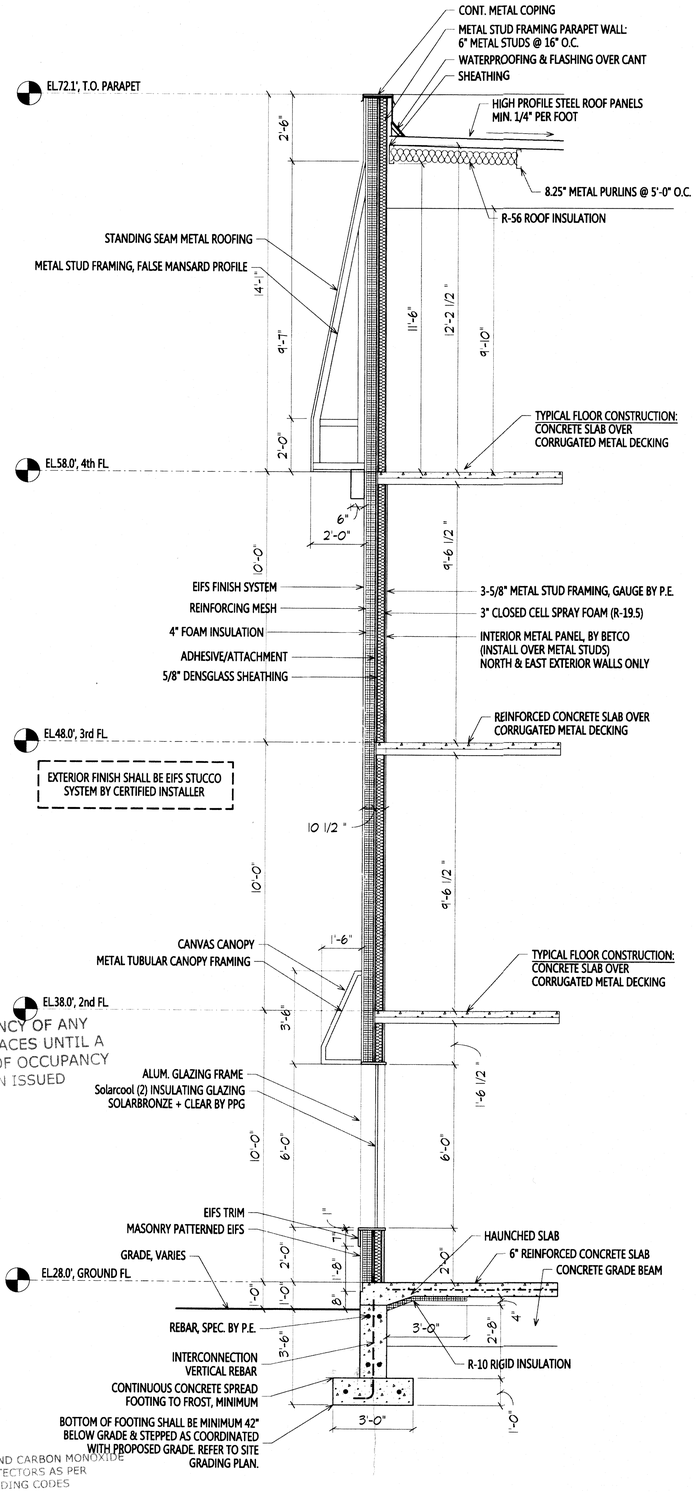

3 WALL SECTION
SCALE: 3/8"=1'-0"

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PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODES

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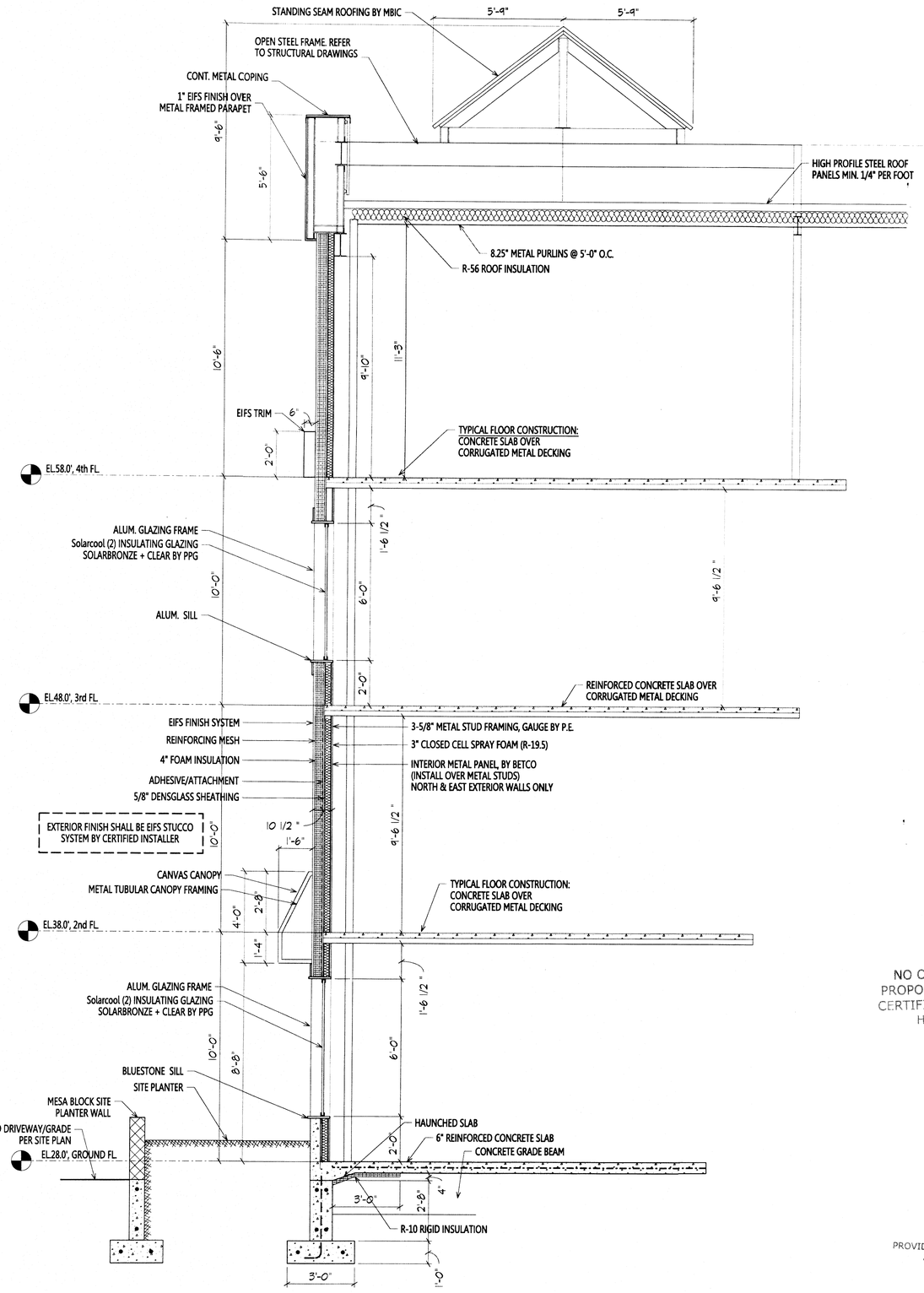
REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI 026878 STATE OF NEW YORK

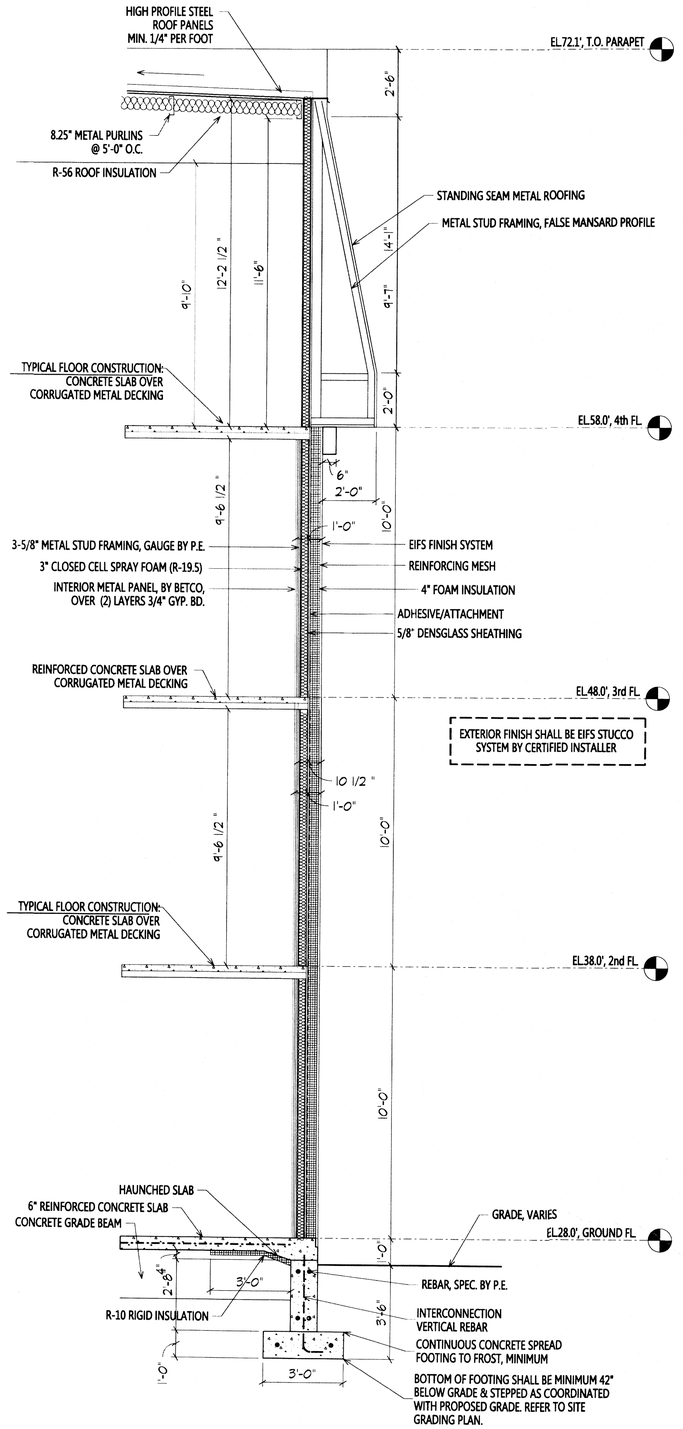
project: 0051.00
date: 7/22/14
scale: AS NOTED

drawing title:
BUILDING & WALL SECTIONS

drawing number:
A-301



1 WALL SECTION
SCALE: 3/8"=1'-0"



2 WALL SECTION
SCALE: 3/8"=1'-0"

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PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODES

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project: 0051.00
date: 7/22/14
scale: AS NOTED

drawing title: WALL SECTIONS & DETAILS

drawing number: A-302

4 DRAWING TITLE
SCALE: AS NOTED

3 DRAWING TITLE
SCALE: AS NOTED

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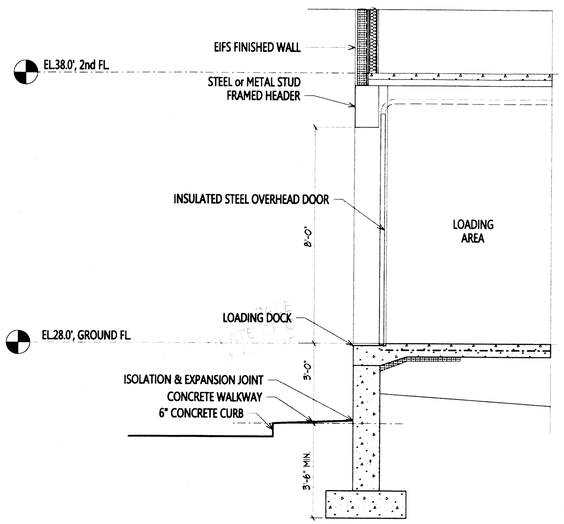
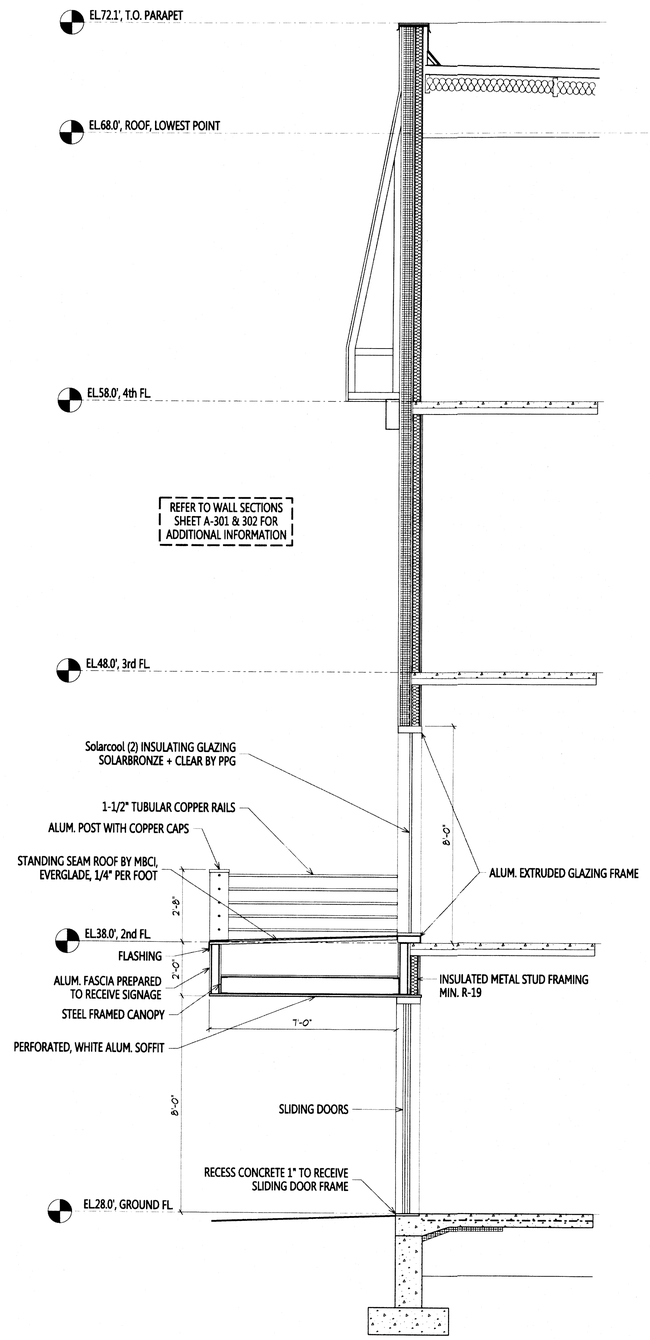


2 WALL SECTION
SCALE: 3/8"=1'-0"



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HAS BEEN ISSUED

PROVIDE SMOKE AND CARBON MONOXIDE
ALARMS/DETECTORS AS PER
NYS BUILDING CODES

1 WALL SECTION
SCALE: 3/8"=1'-0"

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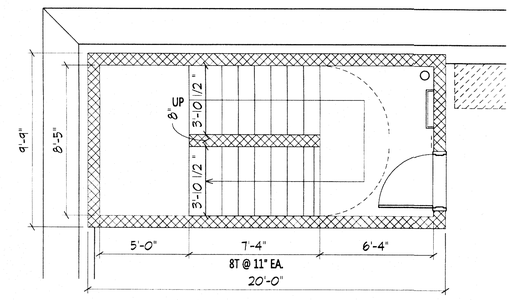
STATE OF NEW YORK

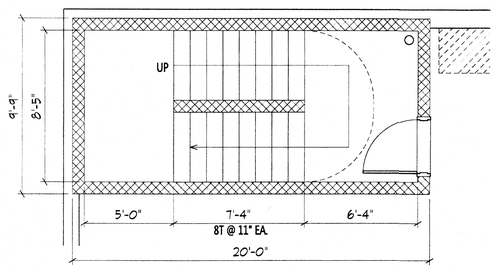
project: 0051.00
date: 7/22/14
scale: AS NOTED

drawing title:
WALL
SECTIONS
& DETAILS

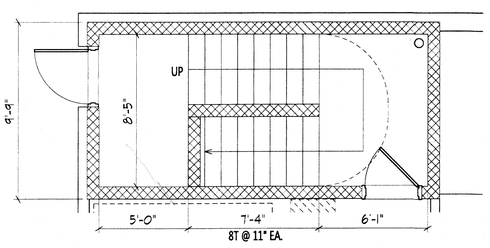
drawing number:
A-303



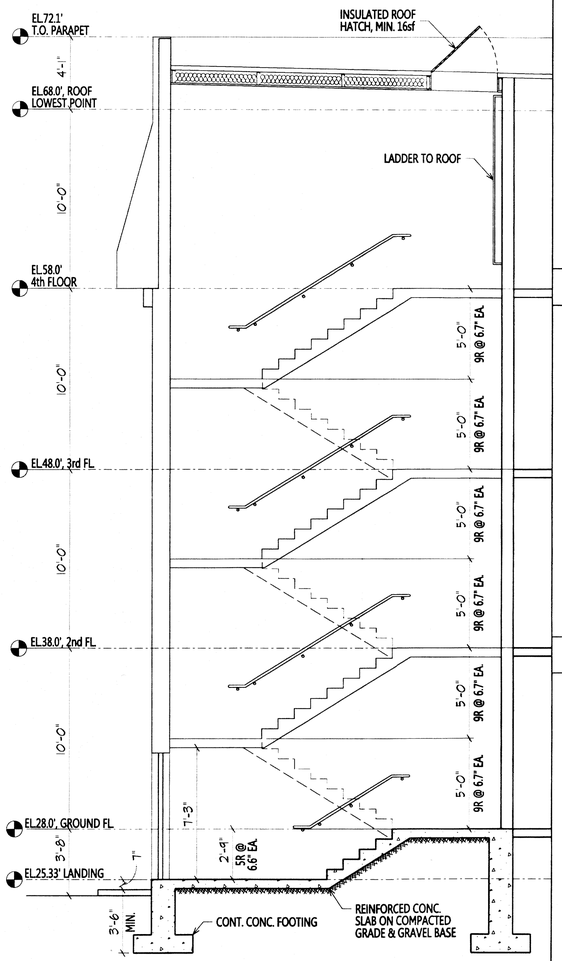
4 STAIR #1: SECOND & THIRD FLOOR PLANS (SIM.)
STAIR #1



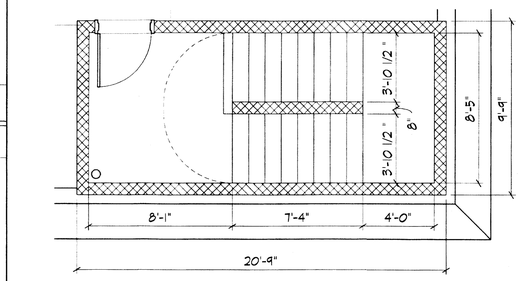
3 STAIR #1: SECOND & THIRD FLOOR PLANS (SIM.)
STAIR #1



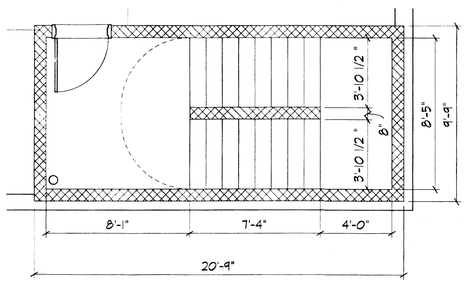
2 STAIR #1: FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"



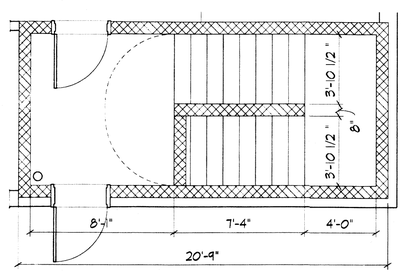
1 STAIR #1: SECTION
SCALE: 1/4"=1'-0"



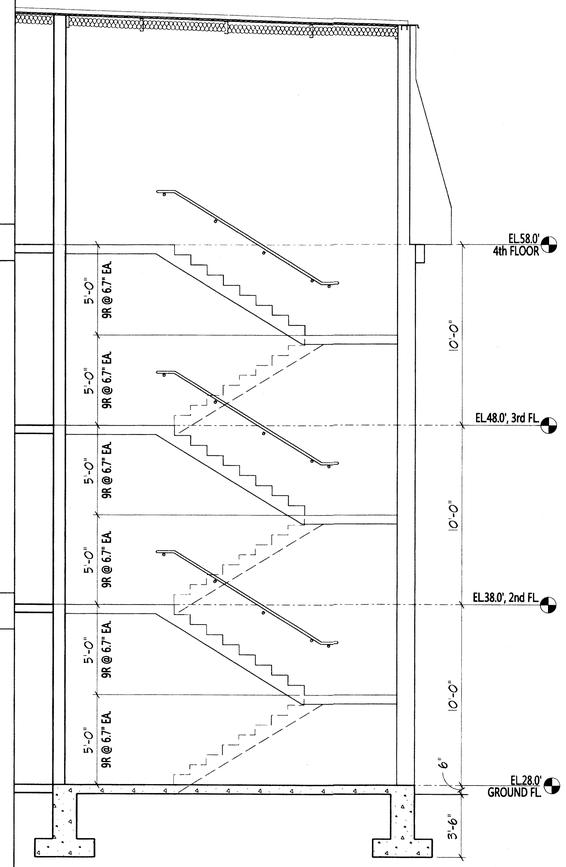
8 STAIR #2: SECOND & THIRD FLOOR PLANS (SIM.)
STAIR #1



7 STAIR #2: SECOND & THIRD FLOOR PLANS (SIM.)
STAIR #1



6 STAIR #2: FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"



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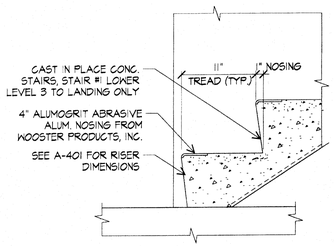
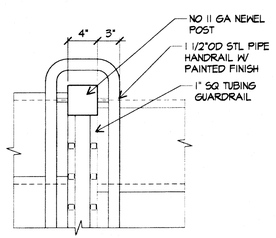
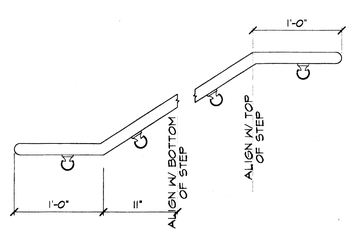
5 STAIR #2: SECTION
SCALE: 1/4"=1'-0"



9 CONCRETE STAIR DETAIL
SCALE: N.T.S.

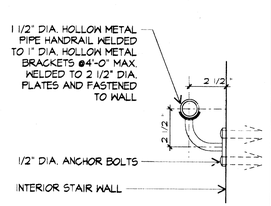


10 NEWEL POST DETAIL
SCALE: N.T.S.



PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODES

11 HANDRAIL EXTENSION DETAIL
SCALE: N.T.S.



12 HANDRAIL DETAIL
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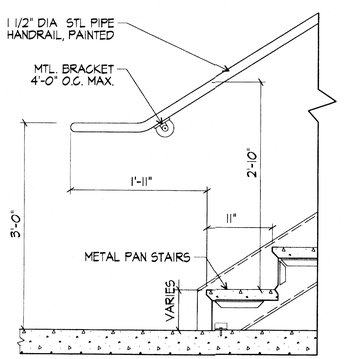

NO DEVIATIONS WITHOUT PRIOR APPROVAL

13 METAL PAN STAIR DETAIL
SCALE: 1/4"=1'-0"

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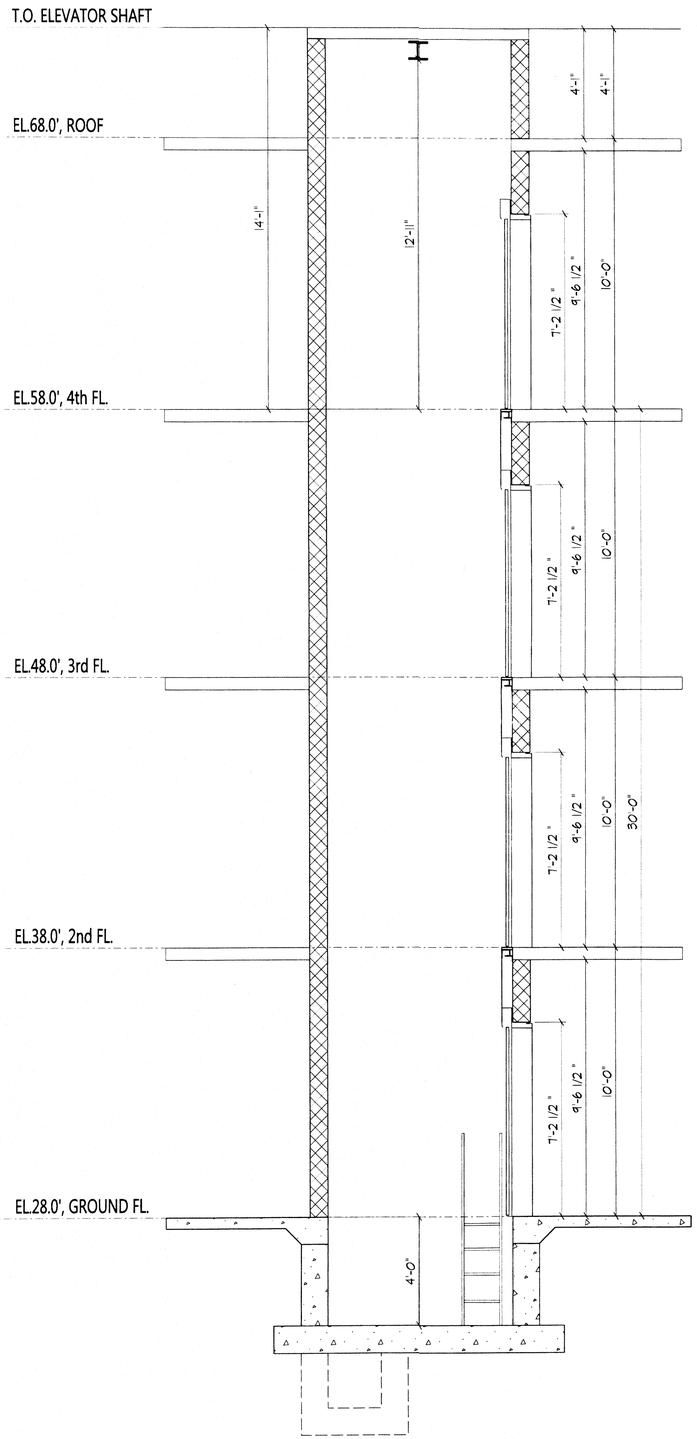
REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI 037615 STATE OF NEW YORK

project: 0051.00
date: 7/22/14
scale: AS NOTED

drawing title:
STAIR PLANS SECTIONS & DETAILS

drawing number:
A-401



1 ELEVATOR SECTION
SCALE: 3/8"=1'-0"

THE FOLLOWING CONDITIONS MUST BE MET BEFORE INSTALLATION IS COMPLETED, AND ARE NOT INCLUDED IN THE ELEVATOR CONTRACT:

A PLUMB, PROPERLY-VENTILATED HOISTWAY (ACCORDING TO CODE AND SIZES SHOWN).

ADEQUATE SUPPORT FOR MACHINE BEAMS, GUIDE RAIL BRACKETS, AND BUFFERS (FOR REACTIONS SHOWN).

HOISTWAY BARRICADES (ALL CUTTING AND PATCHING TO INSTALL HOISTWAY ENTRANCES, SILLS, AND HALL FIXTURES).

PIT LIGHTS AND SWITCH, CONVENIENCE OUTLETS OF THE GFCI TYPE PER NEC, PIT LADDER PER CAR (ACCORDING TO CODE). NOTE: MUST BE CLEAR OF ALL ELEVATOR EQUIPMENT.

SEPARATE 120 VOLT, 15 AMP. BRANCH CIRCUITS, ALONG WITH TELEPHONE CIRCUIT WHEN REQUIRED, TO TERMINALS OF EACH REQUIRED CONTROLLER (AS LOCATED ON PLAN VIEW) FOR THE FOLLOWING:
- CAR LIGHT AND ALARM CIRCUIT WITH RECEPTACLES OF THE GFCI TYPE PER NEC
- GROUP CONTROL WHEN REQUIRED
NOTE: STANDBY POWER IS REQUIRED TO BE SUPPLIED TO THE ELEVATOR.
GROUP CONTROL CIRCUIT MUST BE STANDBY POWER BACKED.

BRANCH CIRCUIT CONDUCTOR SIZING, MATERIALS, AND INSULATION (INCLUDING BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE) TO COMPLY WITH ALL LOCAL ELECTRICAL CODES (SEE "ELECTRICAL POWER REQUIREMENTS").
NOTE: ALSO, A FOURTH WIRE OF SAME SIZE AS THREE PHASE WIRES IS REQUIRED FOR GROUNDING PURPOSES TO MINIMIZE ELECTRICAL NOISE INTERFERENCE.
NOTE: IF STANDBY POWER IS REQUIRED, SEE "ELEVATOR STANDBY POWER OPERATION".

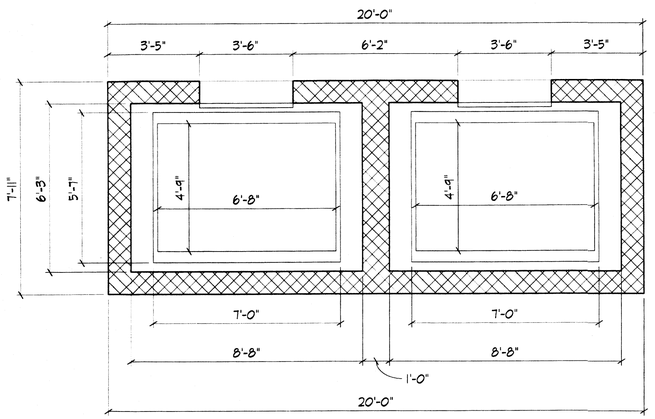
POCKETS IN CORRIDOR WALL (PER FIXTURE DRAWINGS) FOR HALL FIXTURES.
NOTE: MUST BE LOCATED AS DIRECTED BY ELEVATOR CONTRACTOR.

ENTRANCE WALLS WITH LINTELS, NOTE: MUST BE PROVIDED AFTER ENTRANCE FRAMES ARE SET - OR LEAVE A ROUGH OPENING 1'-3" WIDER AND 1'-3" HIGHER THAN THE FRAME OPENING; FOLLOW INSTALLATION PROCEDURES FOR FRAME TO WALL INTERFACE TO MAINTAIN LABELED CONSTRUCTION. FILL IN AROUND FRAMES AFTER THE FRAMES ARE SET.

SMOKE SENSORS (AS REQUIRED).

CONDUIT AND WIRING FROM HOISTWAY TO ELEVATOR MONITORING PANELS (FOR SECURITY, LIFE SAFETY, OR FIRE REQUIREMENTS).

3 GENERAL NOTES
SCALE: N/A



PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODES

2 ELEVATOR CAB PLAN
SCALE: 3/8"=1'-0"

ELEVATOR NUMBER	2
TYPE	THYSSENKRUPP ENDURE MRL 3000 PASSENGER
CAPACITY	3,000 LBS.
SPEED	-
OPERATION	-
STOPS	4
HOISTWAY ENTRANCES	2
CAR DOOR	*SIDE OPENING (PLAN AMENDMENT REQ'D FOR HC ACCESS)*
STILE	F6.5 x 6.05
CROSSHEAD	F10 x 9.45
SAFETY PLANK	F10 x 9.45
CAR GUIDE TYPE	ROLLER
CAR SAFETY	FLEX CLAMP
GOVERNOR	CAR
MACHINE	GD-1
DRIVE SHEAVE DIAMETER	25.2 INCH (V)
ISOLATION	SPECIAL STANDARD
FULL LOAD MASS	-
CONTROL	-
POWER SUPPLY	208 V / 3 PH / 60 CYCLE (MANUF. TO VERIFY POWER)
MOTOR HORSEPOWER	40 HP
HOIST ROPE (PREFORMED)	-
GOVERNOR ROPE (PREFORMED)	-
CAR BUFFER TYPE	(2) SPRING
CAR BUFFER STROKE	5 1/2 INCH
CWT. BUFFER TYPE	(2) SPRING
CWT. BUFFER STROKE	5 1/2 INCH
CWT. STILE LENGTH	11'-6"
CWT. GUIDE TYPE	-
CWT. FILLER TYPE (GRAY CAST IRON)	(37) NO. 304AD8
TOTAL FILLER WEIGHT	-
TOTAL CWT. WEIGHT	(40 %)
TOTAL CAR WEIGHT	-
EST. CAB WEIGHT & TYPE WITH DOOR OPERATOR	-
MACHINE WEIGHT	-
CAR GUIDE RAILS	15 LBS./FT.
CWT. GUIDE RAILS	☐ 8 LBS./FT. ☐ C12 (Ω)

4 ELEVATOR SPECIFICATIONS
REFERNCE: THYSSEN KRUPP

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED

NO DEVIATIONS WITHOUT PRIOR APPROVAL

KTM
Architect, NCARB
Kimberly Tutera Martelli, PLLC
138 Hanson Lane
New Rochelle, NY 10804
ktm@ktmarchitect.com
(914)255-6260

MAMARONECK SELF-STORAGE
EAST COAST NORTH PROPERTIES, LLC
416 WAVERLY AVENUE, MAMARONECK, NY 10543
for Murphy Brothers Contracting

REVISION/SUBMISSION NOTES

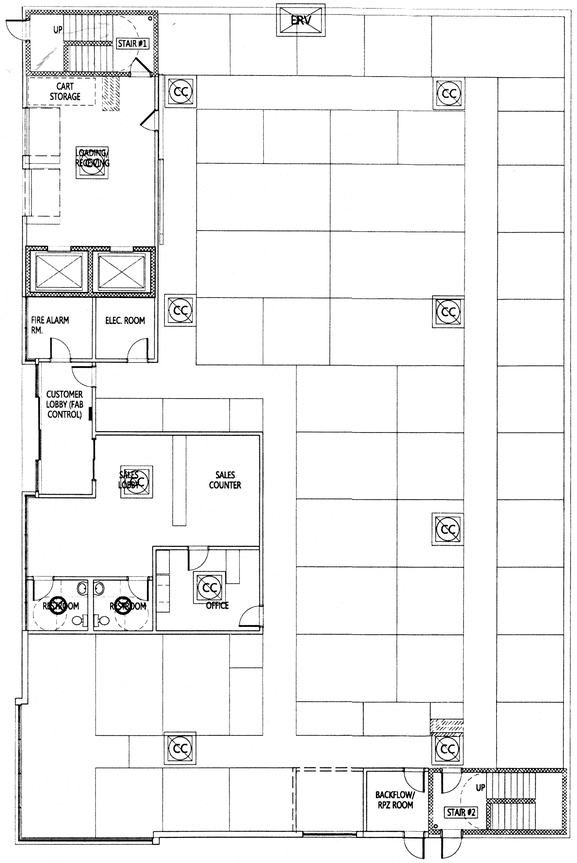
NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN ANY SYSTEM OF ANY KIND, NOR DISTRIBUTED IN ANY WAY WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE ARCHITECT. IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW TO ALTER THESE DOCUMENTS IN ANY WAY ONCE THE SEAL & SIGNATURE HAVE BEEN AFFIXED BY THE ARCHITECT.

REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI STATE OF NEW YORK 035

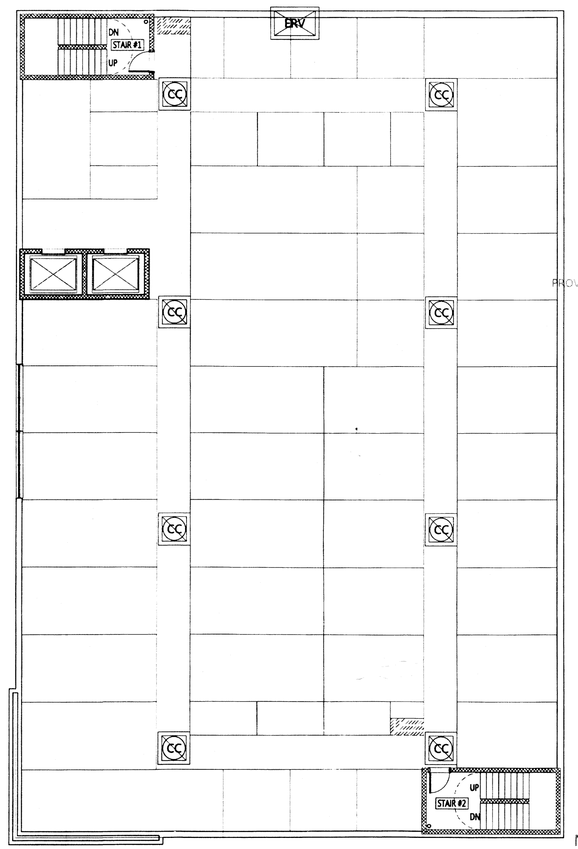
project: 0051.00
date: 7/22/14
scale: AS NOTED

drawing title:
ELEVATOR PLAN, SECTION & SPECS

drawing number:
A-402



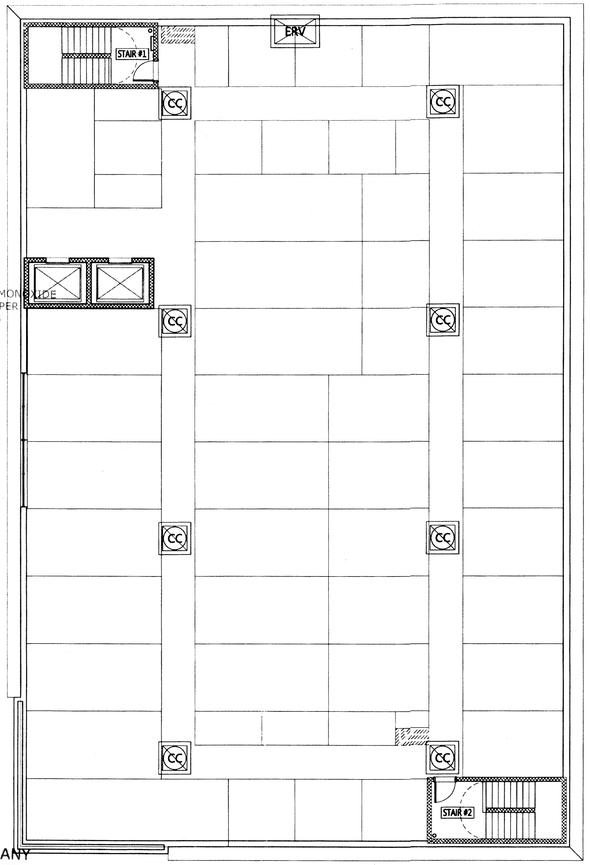
1 FIRST FLOOR MECHANICAL PLAN
SCALE: 3/32"=1'-0"



2 SECOND & THIRD FLOOR MECHANICAL PLAN
SCALE: 3/32"=1'-0"

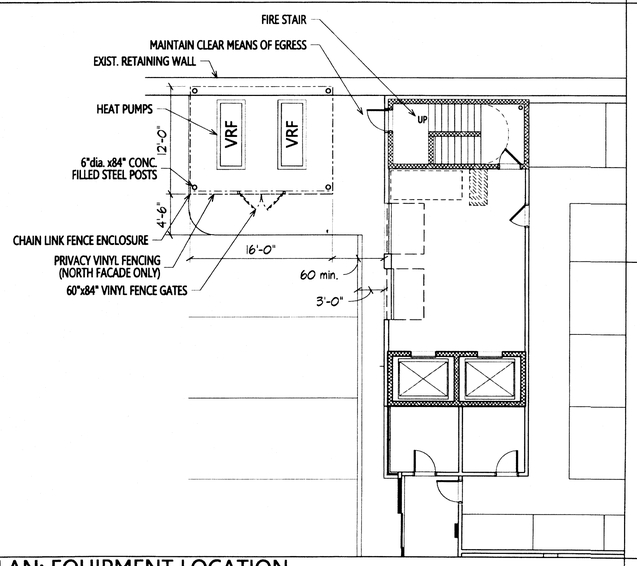
PROVIDE SMOKE AND CARBON MONOXIDE ALARMS/DETECTORS AS PER NYS BUILDING CODES

NO OCCUPANCY OF ANY PROPOSED SPACES UNTIL A CERTIFICATE OF OCCUPANCY HAS BEEN ISSUED



3 FOURTH FLOOR MECHANICAL PLAN
SCALE: 3/32"=1'-0"

NO DEVIATIONS WITHOUT PRIOR APPROVAL



4 SITE PLAN: EQUIPMENT LOCATION
SCALE: 1/8"=1'-0"

HVAC SPECIFICATIONS

1. TWO (2) CARRIER TOSHIBA 30-TON HEAT PUMPS (VRF, VARIABLE REFRIGERANT FLOW) TO BE LOCATED ONSITE PER SITE PLAN/FLOOR PLAN EXCERPT, THIS SHEET

2. THIRTY-FOUR (34) INDOOR CEILING CASSETTE UNITS TO BE INSTALLED, DISTRIBUTED THROUGH THE FOUR (4) OCCUPIABLE FLOORS PER PLANS, THIS SHEET & CEILING HUNG/MOUNTED

3. FRESH AIR VIA FOUR (4) FANTECH 500 CFM ENERGY RECOVERY VENTILATOR (ERV), 1 PER FLOOR INSTALLED (CEILING HUNG/MOUNTED)

4. REFRIGERATION FROM HEAT PUMP LOCATION SHALL BE INSTALLED TO FAN COIL UNIT LOCATIONS (APPROXIMATELY 3,500 FT OF PIPING)

5. RUN TIMES VARY BASED WEATHER, BUILDING OCCUPANCY, AND OPERATING TEMPERATURES.

6. SET POINT TEMPERATURES :
HEATING : 60 F
COOLING 78 F

GENERAL HVAC NOTES

1. HEATING & COOLING SYSTEMS & EQUIPMENT SHALL BE INSTALLED PER THE SPECIFICATIONS LISTED ABOVE & PER PLANS, UNLESS OTHERWISE SUBMITTED TO & APPROVED BY OWNER.

2. LICENSED HVAC INSTALLER or MEP ENGINEER AS ENGAGED BY OWNER or GC SHALL PREPARE & SUBMIT LOAD CALCULATIONS TO ARCHITECT & OWNER VERIFYING ADEQUACY OF SPECIFIED SYSTEM TO MEET TEMPERATURE CRITERIA PER NYS UNIFORM BUILDING & FIRE CODE IN WINTER & SUMMER SEASON HIGHS/LOWS.

3. WHERE SPECIFIED, REGISTERS & ASSOC. DUCTWORK SHALL BE INSTALLED BETWEEN FLOOR JOISTS or TIGHT TO CEILING SUBSTRATE AT PERIMETER OF ROOM(S) TO MAINTAIN CEILING HEIGHT & CLEARANCES.

4. GC/SUBCONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING INSPECTION OF EQUIPMENT PRIOR TO & FOLLOWING INSTALLATION. EQUIPMENT SHALL BE TESTED UPON COMPLETION OF INSTALLATION AND CERTIFIED BY INSTALLER.

5. GC/SUBCONTRACTOR SHALL PROVIDE EQUIPMENT OPERATION MANUALS & ASSOCIATED WARRANTIES FOR ALL INSTALLED EQUIPMENT.

6. OWNER SHALL COORDINATE MAINTENANCE & SERVICE CONTRACT FROM INSTALLER or SERVICE PROVIDER WHERE SUCH SERVICES ARE MADE AVAILABLE.

5 MECHANICAL SPECIFICATIONS
SCALE: N/A

HVAC LEGEND:

- VRF — VRF HEAT PUMP
- CC — CEILING CASSETTE
- ERV — 500 CFM ERV
- WH — GAS-FIRED WATER HEATER
- ⊗ — MECHANICAL BATHROOM EXHAUST FAN 150 CFM min. ALL EXHAUST FANS SHALL BE VENTED TO EXTERIOR
- RA — RETURN REGISTER
- SA — SUPPLY REGISTER
- 10" — RIGID DUCTWORK

6 LEGEND
SCALE: N/A

KTM
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Kimberly Tutera Martelli, PLLC
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New Rochelle, NY 10804
ktm@ktmarchitect.com
(914)255-6260

MAMARONECK SELF-STORAGE
EAST COAST NORTH PROPERTIES, LLC
416 WAVERLY AVENUE, MAMARONECK, NY 10543
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REGISTERED ARCHITECT KIMBERLY TUTERA MARTELLI 027878 STATE OF NEW YORK

project: 0051.00
date: 7/22/14
scale: AS NOTED

drawing title:
MECHANICAL SCHEMATIC PLANS & SPECS

drawing number:
M-101

CERTIFICATE OF OCCUPANCY

Village of Mamaroneck
169 Mt. Pleasant Ave
Mamaroneck, New York 10543

11/7/2016

Map. No.: **8-111-29-42**

Permit No.: **14-0876**

Cert. No.: **14-0876**

Location: **560 FENIMORE RD**

This Certifies that the building(s) located at the premises listed above conforms substantially to all of the requirements of the applicable provisions of the law. The occupancy for which this certificate is issued is:

New Construction of a (4) Story Self-Storage Facility
HCZMC - Approved Planning Board - Approved BAR - Approved
Revised Plans for the Change of Roof Material to GAF Asphalt Shingles and Solar Shingles
BAR Approval 01/15/15

This CERTIFICATE is issued to the owner -

E COAST N PROPERTIES LLC

of the aforesaid building(s).

Building Inspector

VILLAGE OF MAMARONECK

Village Hall
Mamaroneck, N.Y. 10543

OFFICE OF THE
BUILDING INSPECTOR

Address Reply to:
P.O. Box 369

Telephone
(914) 777-7731

CERTIFICATE OF COMPLIANCE

No. 15-0870 DATE: 11/7/2016

THIS CERTIFIES that the building located at 560 FENIMORE RD, Tax Map # 8-111-29-42 of the Village of Mamaroneck, conforms substantially to the approved plans and specifications heretofore filed in this office, pursuant to which Building Permit No. 15-0870 dated 9/11/2015 was issued and conforms to all of the requirements of the Zoning Ordinance or Special Ruling by the Zoning Board of Appeals or Village Board of Trustees. The use for which this certificate is issued is:

New Fire Alarm System - (1) Annunciator, (5) Smoke Detectors, (6) Water Flow, (3) Control Relays for Elevator, (1) Strobe, and (1) Horn Strobe.

This certificate is issued to E COAST N PROPERTIES LLC, owner of the aforesaid property.

(The Certificate of Compliance will be issued only after the Building Inspector is convinced of the completion of the construction in compliance with State Uniform Building & Fire Prevention Code and with other laws, ordinances, or regulations affecting the premises, and in conformity with the approved plans and specifications. A final electrical and plumbing certificate or other evidence of compliance will be required before the issuance of the Certificate of Compliance.)

VILLAGE OF MAMARONECK

Village Hall
Mamaroneck, N.Y. 10543

OFFICE OF THE
BUILDING INSPECTOR

Address Reply to:
P.O. Box 369

Telephone
(914) 777-7731

CERTIFICATE OF COMPLIANCE

No. 14-0949 DATE: 11/7/2016

THIS CERTIFIES that the building located at 560 FENIMORE RD, Tax Map # 8-111-29-42 of the Village of Mamaroneck, conforms substantially to the approved plans and specifications heretofore filed in this office, pursuant to which Building Permit No. 14-0949 dated 10/15/2014 was issued and conforms to all of the requirements of the Zoning Ordinance or Special Ruling by the Zoning Board of Appeals or Village Board of Trustees. The use for which this certificate is issued is:

New Fire Sprinkler System AMENDED Set of Fire Sprinkler Plans filed with Building Inspectors Office 04.10.2015" Fire Protection Design Inc " Job # 2014 - C - 290 Drawn MK 07.14.2014

This certificate is issued to E COAST N PROPERTIES LLC, owner of the aforesaid property.

(The Certificate of Compliance will be issued only after the Building Inspector is convinced of the completion of the construction in compliance with State Uniform Building & Fire Prevention Code and with other laws, ordinances, or regulations affecting the premises, and in conformity with the approved plans and specifications. A final electrical and plumbing certificate or other evidence of compliance will be required before the issuance of the Certificate of Compliance.)

VILLAGE OF MAMARONECK

Village Hall
Mamaroneck, N.Y. 10543

OFFICE OF THE
BUILDING INSPECTOR

Address Reply to:
P.O. Box 369

Telephone
(914) 777-7731

CERTIFICATE OF COMPLIANCE

No. 14-0949 DATE: 11/7/2016

THIS CERTIFIES that the building located at 560 FENIMORE RD, Tax Map # 8-111-29-42 of the Village of Mamaroneck, conforms substantially to the approved plans and specifications heretofore filed in this office, pursuant to which Building Permit No. 14-0949 dated 10/15/2014 was issued and conforms to all of the requirements of the Zoning Ordinance or Special Ruling by the Zoning Board of Appeals or Village Board of Trustees. The use for which this certificate is issued is:

LATEST Revision 03.23.2015. Interior Hallway Re-Configuration
Reviewed By Fire Inspector and approved FRI 04.24.2015
Revised Plans for Addition of Hallway Protection - Approved 04/24/15

This certificate is issued to E COAST N PROPERTIES LLC, owner of the aforesaid property.

(The Certificate of Compliance will be issued only after the Building Inspector is convinced of the completion of the construction in compliance with State Uniform Building & Fire Prevention Code and with other laws, ordinances, or regulations affecting the premises, and in conformity with the approved plans and specifications. A final electrical and plumbing certificate or other evidence of compliance will be required before the issuance of the Certificate of Compliance.)

VILLAGE OF MAMARONECK

Village Hall
Mamaroneck, N.Y. 10543

OFFICE OF THE
BUILDING INSPECTOR

Address Reply to:
P.O. Box 369

Telephone
(914) 777-7731

CERTIFICATE OF COMPLIANCE

No. 15-0989 DATE: 11/7/2016

THIS CERTIFIES that the building located at 560 FENIMORE RD, Tax Map # 8-111-29-42 of the Village of Mamaroneck, conforms substantially to the approved plans and specifications heretofore filed in this office, pursuant to which Building Permit No. 15-0989 dated 10/14/2015 was issued and conforms to all of the requirements of the Zoning Ordinance or Special Ruling by the Zoning Board of Appeals or Village Board of Trustees. The use for which this certificate is issued is:

two new hydraulic passenger elevators with 3500 lbs capacities, both elevators will serve 4 landings

This certificate is issued to E COAST N PROPERTIES LLC, owner of the aforesaid property.

(The Certificate of Compliance will be issued only after the Building Inspector is convinced of the completion of the construction in compliance with State Uniform Building & Fire Prevention Code and with other laws, ordinances, or regulations affecting the premises, and in conformity with the approved plans and specifications. A final electrical and plumbing certificate or other evidence of compliance will be required before the issuance of the Certificate of Compliance.)

Village of Mamaroneck

Village Hall At The Regatta
P.O. Box 369
123 Mamaroneck Avenue
Mamaroneck, N.Y. 10543
http://www.Village.Mamaroneck.ny.us

OFFICE OF
AGOSTINO A. FUSCO
CLERK TREASURER

Tel (914) 777-7722
Fax (914) 777-7787

November 16, 2021

Mr. Michael Murphy
416 Waverly Avenue
Mamaroneck, NY 10543

Re: Freedom of Information Law ("FOIL") Request # 5347
Dear Mr. Murphy:

On June 4, 2021, the Village of Mamaroneck received your request, dated June 4, 2021, in which you requested:

I would like copies of all paperwork in relationship to the the original plans submission for Mamaroneck Self Storage project (referred to as East Coast North Properties LLC - 416 Waverly Avenue) on file with the Village of Mamaroneck Building Dept. The project was submitted in 2009. The VOM ZBA issued a "positive declaration" (SEQR) on March 4, 2010, and the project was withdrawn.

The records sought cannot be found after a diligent search.

Thank you.

Sincerely,

Agostino A. Fusco
Clerk-Treasurer

IMPORTANT: This request has been assigned #5347. Please use this reference number in all correspondence with the Village relevant to this request. Thank you for your cooperation.

Appendix D

Traffic and Parking Study

DTS • PROVIDENT
Intelligent Land Use

TRAFFIC IMPACT STUDY

Murphy Brothers – Mamaroneck Self Storage

416 Waverly Avenue
Village of Mamaroneck, Westchester County, New York

Prepared for

EAST COAST NORTH PROPERTIES, LLC
AND MURPHY BROTHERS CONTRACTING
Village of Mamaroneck, New York

Prepared by
DTS Provident Design Engineering, LLP
One North Broadway
White Plains, New York

Revised February 4, 2022
(Table 5 Revised November 2022)
Revised November 10, 2020
DTSP Project No. 17-060

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2.0 TRAFFIC AND PARKING GENERATION

3.0 TRAFFIC CIRCULATION

4.0 PARKING

5.0 CONCLUSIONS

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APPENDIX B - Level of Service Analysis

APPENDIX C - Self Storage Facility Usage Data

APPENDIX D - Institute of Transportation Engineers Trip Generation and Parking Generation Data

APPENDIX E – Traffic Count Sheets

TRAFFIC AND PARKING STUDY
Murphy Brothers - Mamaroneck Self Storage
416 Waverly Avenue
Village of Mamaroneck, New York

1.0 INTRODUCTION

DTS Provident Design Engineering, LLP (DTS Provident), formerly Provident Design Engineering, PLLC (PDE), has been retained by East Coast North Properties, LLC and Murphy Brothers Contracting to review the traffic circulation and the parking conditions for the proposed Mamaroneck Self Storage facility addition to be located at 416 Waverly Avenue in the Village of Mamaroneck. Similar to the storage facility that was recently constructed at the Site (269 units), the additional storage facility (160 units) would replace some existing structures on the site which currently house various contractors/workers. Self Storage facilities tend to generate minimal traffic or parking. The existing Self Storage facility generally has one employee on site, while at times there could be two employees present. With the additional Self Storage units, there will be a maximum of three employees at any one time but would generally be only 1 or 2. In addition to the new Self Storage facility, there will also be approximately 5,879-square feet of woodworking shop, 2,157 square feet of Murphy Brothers Contracting offices, and 2,008 square feet of community office workspace.

Parking is currently provided on-site, with the provision of additional on-street parking spaces located along Waverly Avenue. Previous to the construction of the original Self

Storage facility, some of the vehicles would have had to back out of their parking spaces directly onto Waverly Avenue.

With the additional Self Storage facility, there will be 26 parking spaces on-site along with three (3) loading spaces as well as the on-street parking spaces.

DTS Provident, PDE at the time, prepared the Traffic and Parking Study for the original Self Storage facility at the Site. To perform this latest Study, DTS Provident followed a similar methodology including performing various observations of the traffic operations at the existing facility, as well as conducted parking counts at various times during the day and week. Utilization data of the Self Storage facility over an extended period of time was also reviewed. DTS Provident conducted traffic analysis for the intersection of Waverly Avenue and Fenimore Road as well as at the intersection of Fenimore Road and Railroad Way and at the Site Driveways.

The following is a summary of DTS Provident's observations and findings in relation to the Self Storage facility in regards to traffic operations and parking.

2.0 TRAFFIC AND PARKING GENERATION

DTS Provident has reviewed the amount of traffic that is generated by the proposed Self Storage facility utilizing the Institute of Transportation Engineers' (ITE) publication, "Trip Generation", 10th Edition, for this type of facility (ITE Land Use 151). The 160 additional storage units would generate approximately 1 entering vehicle and 1 exiting vehicle in the Peak AM Hour and approximately 1 entering vehicle and 2 exiting vehicles during the Peak PM Roadway Hour. During the Weekend Peak Hour, the 160 additional storage units would generate similar amounts, 1 entering vehicle and 2 exiting vehicles. This is minimal traffic and in general, the same vehicle that enters is also the vehicle that exits within the hour, as well as the occasional employee potentially entering or exiting. This minimal traffic will have no impact upon traffic operating conditions in the area. It is less traffic than utilized the previous uses of that portion of the site.

The following Table is a summary of the Weekday Peak Hour Trip Generation:

TABLE NO. 1
TRIP GENERATION
FOR ADDITIONAL 160 STORAGE UNITS

	Weekday Peak AM Roadway Hour			**Weekday Peak PM Roadway Hour**
ENTER	1			1
EXIT	1			2

The 5,879-square feet of woodworking shop (Land Use 180), 2,157 square feet of Murphy Brothers Contracting offices (Land Use 710), and 2,008 square feet of community office workspace (Land Use 710) will also generate minimal traffic. The ITE 10th Edition estimates that these land uses would conservatively generate a total of approximately 9 entering vehicles and 4 exiting vehicles in the Weekday Peak AM Hour and approximately and a total of 7 entering vehicles and 9 exiting vehicles during the Peak PM Roadway Hour. Similar, or reduced, trip amounts would be experienced during the Weekend Peak Hour.

TABLE NO. 2
PROJECTED TRIP GENERATION

Scenario	Weekday Peak AM Roadway Hour			Weekday Peak PM Roadway Hour		
	Enter	**Exit**	**Total**	**Enter**	**Exit**	**Total**
429 Self Storage Units (including 269 Existing and 160 Additional Units)	2	2	4	4	5	9
Woodworking Shop	1	1	2	1	1	2
Incubator Offices	3	1	4	2	3	5
MBC Offices	3	1	4	2	3	5
Total	**9**	**5**	**14**	**9**	**12**	**21**

The following table compares the total anticipated site generated volumes versus the existing site generated volumes (including from the contracting offices).

TABLE NO. 3 TRIP GENERATION COMPARISON						
	Weekday Peak AM Roadway Hour			**Weekday Peak PM Roadway Hour**		
Scenario	**Enter**	**Exit**	**Total**	**Enter**	**Exit**	**Total**
Existing	12	14	26	9	10	19
Proposed	9	5	14	9	12	21
Difference	**-3**	**-10**	**-12**	**0**	**2**	**2**

As illustrated in the table above, the proposed land uses will generate 12 less vehicles in the Peak AM Hour and only 2 more vehicles in the Peak PM Hour than the existing land uses.

The supporting information from the ITE 10th Edition is contained in Appendix D.

Parking Generation

A Self Storage facility of a total of 429 units, based upon the Institute of Transportation Engineers' (ITE) publication "Parking Generation", 5th Edition, would generate a Peak Parking Demand of 6 spaces. The supporting information from the ITE 5th Edition is contained in Appendix D.

Parking is described in more detail in Section 4.0 below.

3.0 TRAFFIC CIRCULATION AND OPERATIONS

Existing Circulation

The previous site was served by various curbcuts and driveways along both Waverly Avenue and Fenimore Road. The access was "cleaned up" with the construction of the original Self Storage Building, which also improved the safety along Waverly Avenue as vehicles were backing out onto Waverly Avenue. Along Waverly Avenue currently, the access to the northern portion of the site is an unsignalized entrance/exit (with only right turns out permitted). A second curbcut along Waverly Avenue is located at the southern end of the site and serves the Self Storage Building and other contractor/worker parking but does not provide a vehicular connection to the rest of the property.

Along Fenimore Road, there is an existing curbcut between the barn and the front building that was converted to a right turn exiting movement only as part of the original Self Storage project. An additional curbcut provides limited access to the barn area. Vehicles sometimes back out of this driveway onto Fenimore Road.

Future Circulation and Operations

The number of curbcuts under the future scenario with the additional Self Storage facility will be reduced from four to two, which improves safety. The curbcut along Waverly

Avenue currently serving the northern portion of the facility will be closed. The curbcut that currently serves the southern portion of the site along Waverly Avenue will remain.

The curbcut along Fenimore Road between the barn and the front building will remain an exit only driveway (right turns only). The curbcut that serves the barn will be removed.

The two remaining driveways will continue to operate under STOP control.

In addition to the modifications to the driveways, the internal circulation at the site will also be improved. Elimination of some of the buildings will improve traffic flow. In addition, as illustrated on the Site Plan, circulation will become more organized and striped islands will be provided to provide clearer direction. The signage also will be upgraded to improve traffic control. The northern portion will now be connected with the southern portion of the site. These improvements will significantly improve vehicular and pedestrian traffic flow and safety throughout the site and off-site as well as improve Waverly Avenue and Fenimore Road by reducing the number of curbcuts. Sidewalks are provided on both Waverly Avenue and Fenimore Road adjacent to the Site. The signalized intersection of Waverly Place and Fenimore Road has crosswalks and pedestrian signals.

Adjacent Roadway Network

The intersection of Waverly Avenue and Fenimore Road is controlled by a multi-phase traffic signal. DTS Provident conducted traffic counts at this intersection as well as at the Site Driveways. The Peak Hours for the intersection are 7:30 AM to 8:30 AM and 4:45 PM to 5:45 PM.

Railroad Way

The intersection of Fenimore Road and Railroad Way is an unsignalized "T" intersection. For the general traveling public, Railroad Way does not appear to be a roadway and has railroad tracks traveling through it. Railroad Way is narrow with no curbing but having two buildings forming its borders. Railroad Way also does not have an official Village street sign. For vehicles traveling eastbound on Fenimore Road, there is a non-typical sign on the side of a warehouse building indicating Railroad Way, while no signs are present in the westbound direction. There are no One-Way Signs at the intersection and no striping along the roadway. However, at the southern end of the alleyway, there is a Do Not Enter Sign so the alleyway is assumed to be one-way southbound. There is also no physical indication to the public when a train may be traveling on Railroad Way. There are no pedestrian facilities or sidewalks along Railroad Way. Thus, limited traffic utilizes Railroad Way at the intersection. There are alternative ways to connect to other portions of Railroad Way such as Ogden Avenue.

Fenimore Road at Railroad Way consists on one lane per direction. There are two sets of double yellow lines across from Railroad Way and there is no break in the double yellow lines for left turns.

Existing Traffic Volumes

DTS Provident utilized the original 2016 Existing Traffic Volumes from traffic counts conducted on behalf of the Village and grew them for one year by using a growth rate of 0.5%. This resulted in the 2017 Existing Traffic Volumes that were supplemented with Site Driveway observations and Traffic Counts conducted in November of 2017. The Traffic Count sheets are contained in Appendix E. These volumes are consistent with volumes from other Studies. Because of the change in traffic patterns due to the current world conditions (Covid impacts), traffic was conservatively applied to Railroad Way. For the Fenimore Road and Railroad Way intersection, 10 vehicles turning in from both the eastbound and westbound Fenimore Road directions were conservatively utilized as current conditions do not permit for traffic counts being performed. The Existing Traffic Volumes are illustrated on Figure 1 in Appendix A.

No-Build Traffic Volumes

The Future Conditions without the Proposed Action ("No Build") were developed based upon discussions with the Village Planner and Village Engineer as well as various documents provided by the Village's Planner and Engineer including the Village Comprehensive Plan, the various Village Transit Oriented Development Studies, the Waverly Avenue Study, the Village's Vision Zero Documents, the Village's Moratorium Traffic Study and NYSDOT Traffic Data. A growth factor of 0.5% per year was provided by the Village and is consistent with the other Village documents. While there were no known major adjacent developments that would impact traffic in the area that would not be accounted for in the growth rate, the Village provided staff provided some information on some additional background traffic as illustrated on Figure 2. Thus, existing traffic was grown to the Build Year by utilizing the growth factored compounded over the years.

Thus, the Existing Traffic Volumes were then grown for five years by a compounded growth factor of 0.5% per year to result in the 2023 No-Build Traffic Volumes. The 2023 No-Build Traffic Volumes are illustrated on Figure 3.

Build Traffic Volumes

Arrival and Departure distributions are illustrated on Figures 4 and 5 and are based on

Existing Traffic patterns and Site Driveway observations. Using the Arrival and Departure distributions, the Site Generated Traffic Volumes (Figure 6) were distributed onto the Roadway Network, and, after removing the existing Site traffic, resulted in the 2023 Build Traffic Volumes. The 2023 Build Traffic Volumes are illustrated on Figure 7.

The Build conditions were also analyzed and incorporate a background growth rate in addition to the Site modifications including the additional Self Storage units as illustrated on Figure 7. DTS Provident also conducted Level of Service capacity analyses for the intersection of Waverly Avenue and Fenimore Road, the intersection of Railroad Way and Fenimore Road, and the Site Driveways. Copies of these analyses are contained in Appendix B.

Table No. 4 summarizes the Levels of Services for the intersections and the Site Driveways:

TABLE NO. 4
LEVEL OF SERVICE

Intersection	AM Peak			PM Peak		
	Existing	No-Build	Build	Existing	No-Build	Build
Fenimore Road & Waverly Avenue	C 22.6	C 23.3	C 23.1	C 21.4	C 21.8	C 21.9
Fenimore Road and Existing Exit Driveway	c 15.0	c 15.4	c 15.2	a 0.0	a 0.0	b 14.9
Waverly Avenue & Existing Driveway 1 (Contractor Offices)	b 14.7	b 15.0	- -	b 14.9	c 15.2	- -
Waverly Avenue & Existing Driveway 2 (Self-Storage)	b 11.0	b 11.1	b 13.6	b 11.9	b 12.8	b 12.9
Fenimore Road and Railroad Way	a 0.4	a 0.4	a 0.4	a 0.4	a 0.4	a 0.4

Note: Signalized intersection Levels of Service are represented by Upper Case letters while unsignalized intersections are represented by lower case letters. Average Delay is provided below the Levels of Service and is illustrated in seconds per vehicle.

As illustrated in the Table above, the analysis shows that the intersection of Fenimore Road and Waverly Avenue currently operates at Level of Service C in the Peak AM and PM Hours and these Levels of Service will remain. The Site Driveways will also continue to operate at Level of Service B or better. Thus, good Levels of Service are maintained at each of the intersections/driveways.

The Proposed Project will result in a minimal change in traffic operations at the intersection of Fenimore Road and Railroad Way, with only a very conservative estimated 1 eastbound trip and 2 westbound trips during the Peak AM Hour and 3

eastbound trips and 2 westbound trips during the Peak PM Hour. In reality, there would be a reduction in overall Peak Hour trips with the Proposed Project as a result of the traffic from the contractors/workers that will no longer be at the Site. Existing, No Build and Build Traffic Volumes were performed for the intersection which indicated that the intersection currently and will continue to operate at appropriate Levels of Service and the Project will have no impact on the operation of the intersection. As described in Section 2.0, the Self Storage facility will not generate significant traffic and will not have any significant impact upon the traffic operating conditions of this intersection or on the Site Driveways and adjacent streets.

4.0 PARKING

a. Existing Parking Conditions

The current parking spaces on-site are split between two separate lots, as well as on-street parking spaces along Waverly Avenue.

DTS Provident conducted parking observations on various days (both weekdays and weekends) and at various times throughout the day at the site. There were very few vehicles ever parked for the existing Self Storage facility and there were never times that ample parking spaces were not available on the property.

In addition, DTS Provident reviewed data for the entrance and exit into the existing Self Storage facility from July 1, 2017 to August 24, 2017. These indicated that the maximum number of parking spaces for the Self Storage facility utilized at any one time throughout the entire period was five spaces, which included two parking spaces utilized by employees. A copy of this data is contained in Appendix C. Recent observations indicated similar amounts.

In addition to the parking for Murphy Brothers, approximately 19 other contractors/workers currently park at the Site. These 19 vehicles will be removed from the Site after the additional Self Storage units are constructed. Thus, there

would be less vehicles parking on the Site.

b. Future Parking

To determine the parking that was to be required for the original Self Storage facility at the Site, the parking requirements at other Self Storage facilities in the area was reviewed. The following table, similar to the Table that was contained in the previous Traffic and Parking Study illustrates the parking spaces provided for other Self Storage facilities in Westchester.

TABLE NO. 5
PARKING FOR OTHER SELF STORAGE FACILITIES

Facility	Location	No. of Units	Parking Spaces Initially Required by Zoning	Variance Granted or Parking Spaces to be installed
Westy's Self Storage	Port Chester	900	83	22
Safeguard Storage	Elmsford	550	68	12
Safeguard Storage	New Rochelle	653	48	14
Westy's Self Storage	Tuckahoe	1,500	N/A	24
Black Mountain	New Rochelle	1,182	N/A	12
Tarrytown Self Storage	Tarrytown	577	52	3 *
Cube Smart (proposed)	Port Chester	1,000	N/A	10
Project	*Mamaroneck*	*429*	*124*	*26*

* Based upon maximum recorded

Table No. 5 compares the Parking Spaces per Unit as well as the number of Units per Parking Space for other Self Storage in the area.

TABLE NO. 6 PARKING RATIOS FOR OTHER SELF STORAGE FACILITIES				
Facility	**Location**	**No. of Units**	**Parking Spaces per Unit**	**Units per Parking Space**
Westy's Self Storage	Port Chester	900	0.0244	41
Safeguard Storage	Elmsford	550	0.0218	46
Safeguard Storage	New Rochelle	653	0.0214	47
Westy's Self Storage	Tuckahoe	1,500	0.0160	63
Black Mountain	New Rochelle	1,182	0.0101	99
Tarrytown Self Storage	Tarrytown	577	0.0052	192
354 North Main St.	Port Chester	1,000	0.0100	100
Project	*Mamaroneck*	*429*	*0.0606*	*17*

As illustrated in the above Tables, all of these other facilities have significantly more storage units yet provide similar or less number of parking spaces as proposed for the Mamaroneck Self Storage facility. Observations of the parking in these lots indicate minimal vehicles are parked there.

The Mamaroneck Self Storage facility currently has 1-2 employees on-site at any one time. With additional units, this could increase to a maximum of 3 employees on-site at times. As described earlier, a Self Storage facility of a total of 429 units, based upon the Institute of Transportation Engineers' (ITE) publication "Parking Generation", 5th Edition, would generate a Peak parking demand of 6 spaces. The supporting information from the ITE 5th Edition is contained in Appendix D. The table below summarizes parking demand by land use.

TABLE NO. 7 PROJECTED PARKING GENERATION	
Scenario	**Weekday** **Parking Demand**
429 Self Storage Units (including 269 Existing and 160 Additional Units)	6
Woodworking Shop	3
Incubator Offices	6
MBC Offices	4
Total	**19**

The 5,879-sf Woodworking Shop is estimated to require approximately three (3) parking spaces based upon the use of Site. The 2,008-sf Incubator Offices is estimated to require a peak of approximately six (6) parking spaces based upon the use of the Site. The Murphy Brothers Contracting portion of the Site will have four full time employees on-site and are projected to utilize four (4) parking spaces. Murphy Brothers Contracting will generally not generate any visits from the general public or contractors. The other nineteen contractors/workers that currently park on the Site will no longer be parking there as that usage will be replaced by the additional Self Storage units and thus the overall parking demand will be reduced. In conclusion, the total parking spaces required by all the proposed land uses would be 19 parking spaces if all uses were to reach their peak at the same time, which is not likely.

With the proposed additional Self Storage facility and the modifications to the layout of the site, there will be 26 parking spaces provided on-site along with three (3) loading spaces, in addition to the on-street parking spaces. The three loading spaces will be utilized by the patrons of the Self Storage facility, thus freeing up even more parking spaces. Thus, the parking to be provided will be more than sufficient to support the Self Storage facility and the other various uses on the site.

5.0 CONCLUSIONS

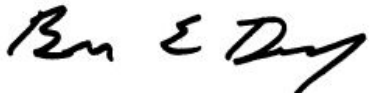
The proposed modifications to the internal circulation of the site will improve traffic flow and operations. The elimination of a driveway along Waverly Avenue and the elimination of a curb cut on Fenimore Road will also improve safety within the site and along Waverly Avenue and Fenimore Road such as vehicles will no longer back out of the barn driveway onto Fenimore Road. The additional Self Storage facility will not generate significant traffic and will not impact traffic operating conditions along the adjacent roadways or within the site.

The Self Storage facility with the additional units would require up to 6 parking spaces, the Murphy Brothers Contracting will require 4 parking spaces, the Incubator Offices will require 6 parking spaces and the Woodworking Shop will require 3 parking spaces for a peak total of 19 spaces. In addition, the peak of each of the above uses would not occur at the same time, with the Murphy Brothers Contracting and Incubator Offices peaking in the early morning, the Self Storage facility peaking mid-late morning and the Woodworking Shop generating insignificant parking. The Village's Code permits the utilization of "Shared Parking", referred to as "Joint Parking", in Section 342-56 B. Shared Parking is the principle where different land uses would have their peak parking demands at different times during the day/week and thus can utilize or "share" the same parking space during different periods. As described above, there will be ample parking even without the principles of Shared Parking being applied.

Thus, the 26 parking spaces to be provided will result in more than sufficient parking be provided for the entire site, including for the additional Self Storage facility. There will be also 3 loading spaces that will be provided and these will be utilized by the patrons of the Self Storage facility, thus freeing up even more parking spaces.

Respectively submitted:

DTS PROVIDENT DESIGN ENGINEERING, LLP



Brian E. Dempsey, P.E., PTOE, RSP1
Partner

Danny Cuya, EIT
Engineer

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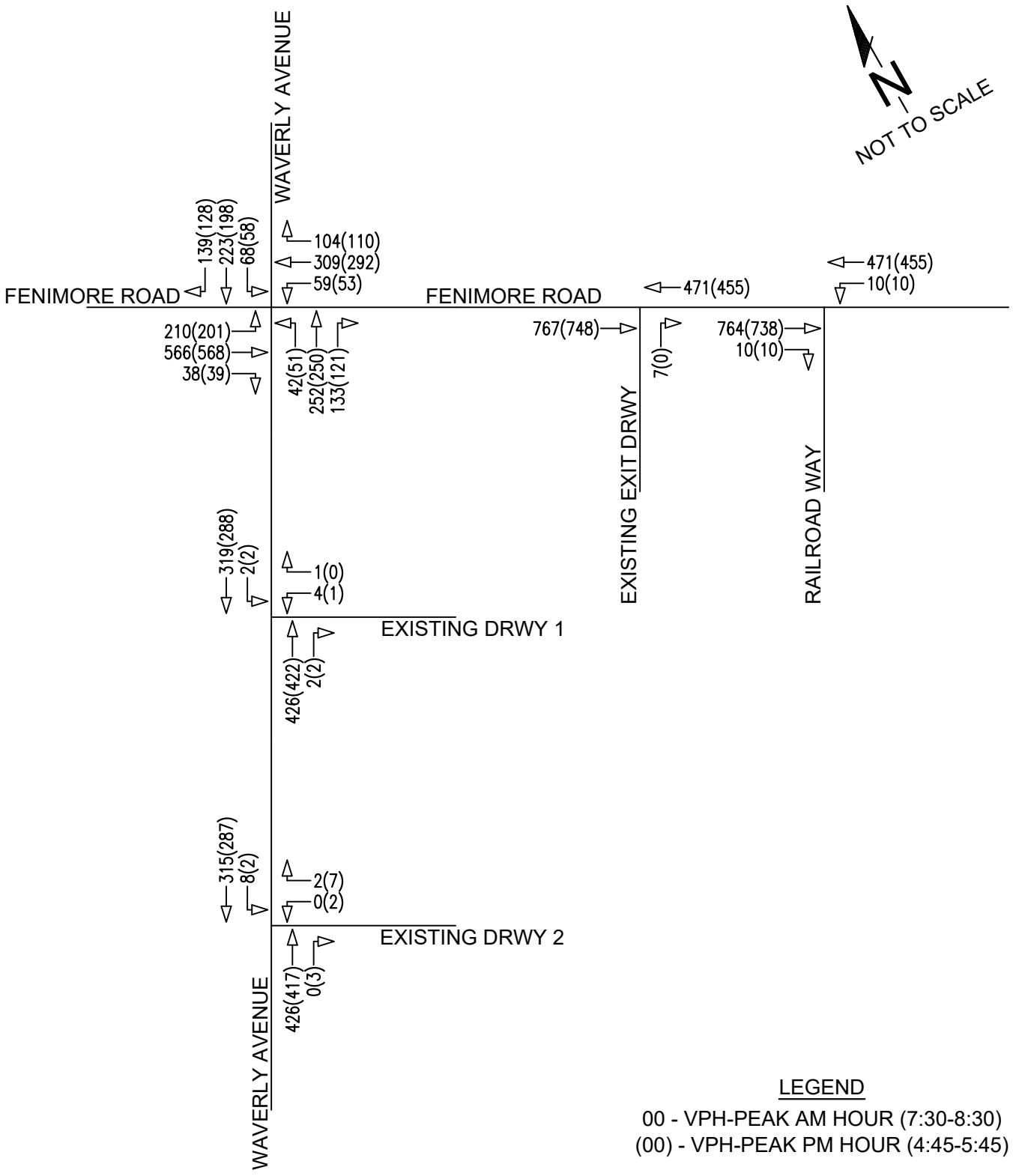
APPENDIX A

Figures



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February 2022

Existing Traffic Volumes
Mamaroneck, Westchester, NY

Figure No. 01

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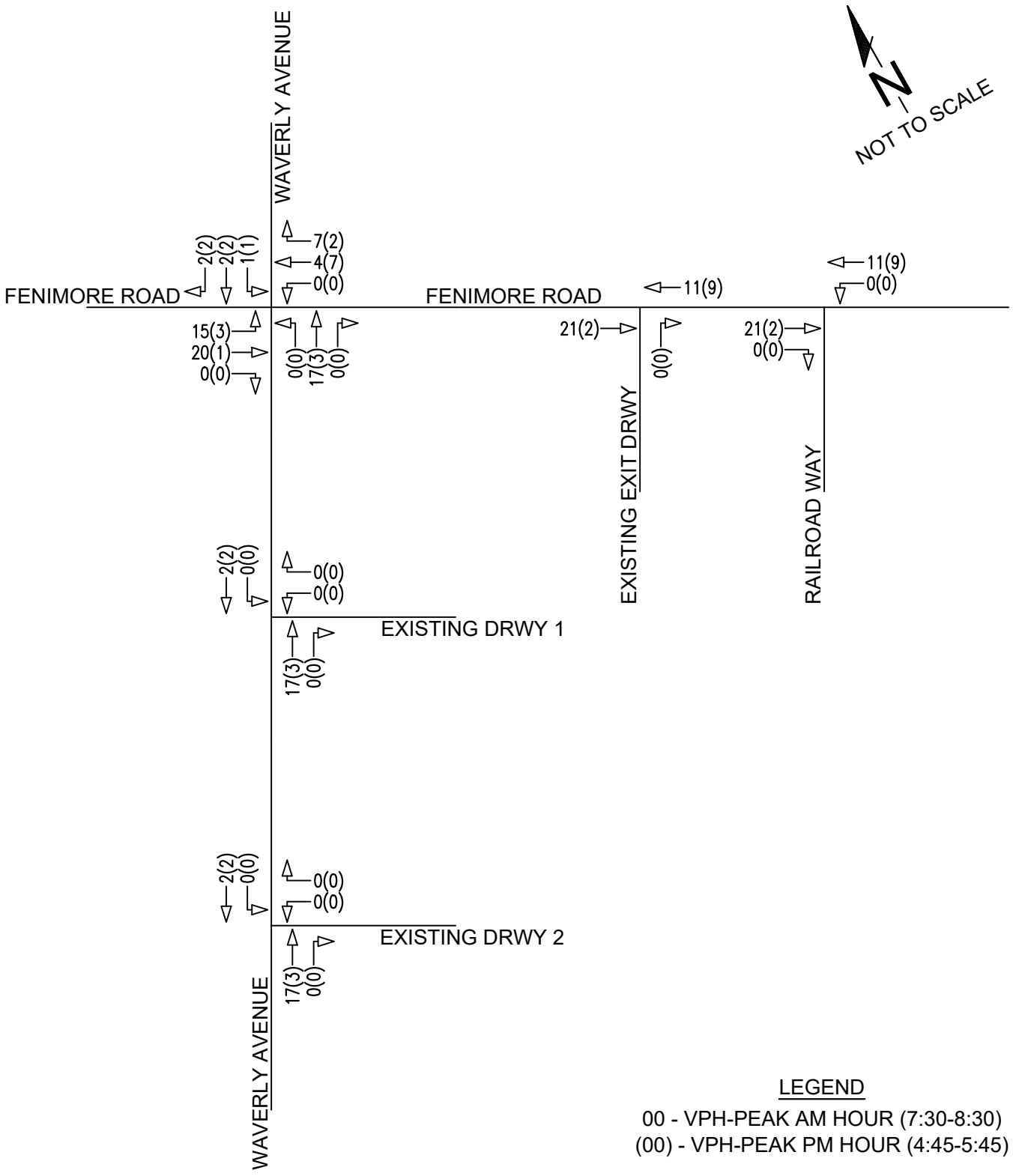

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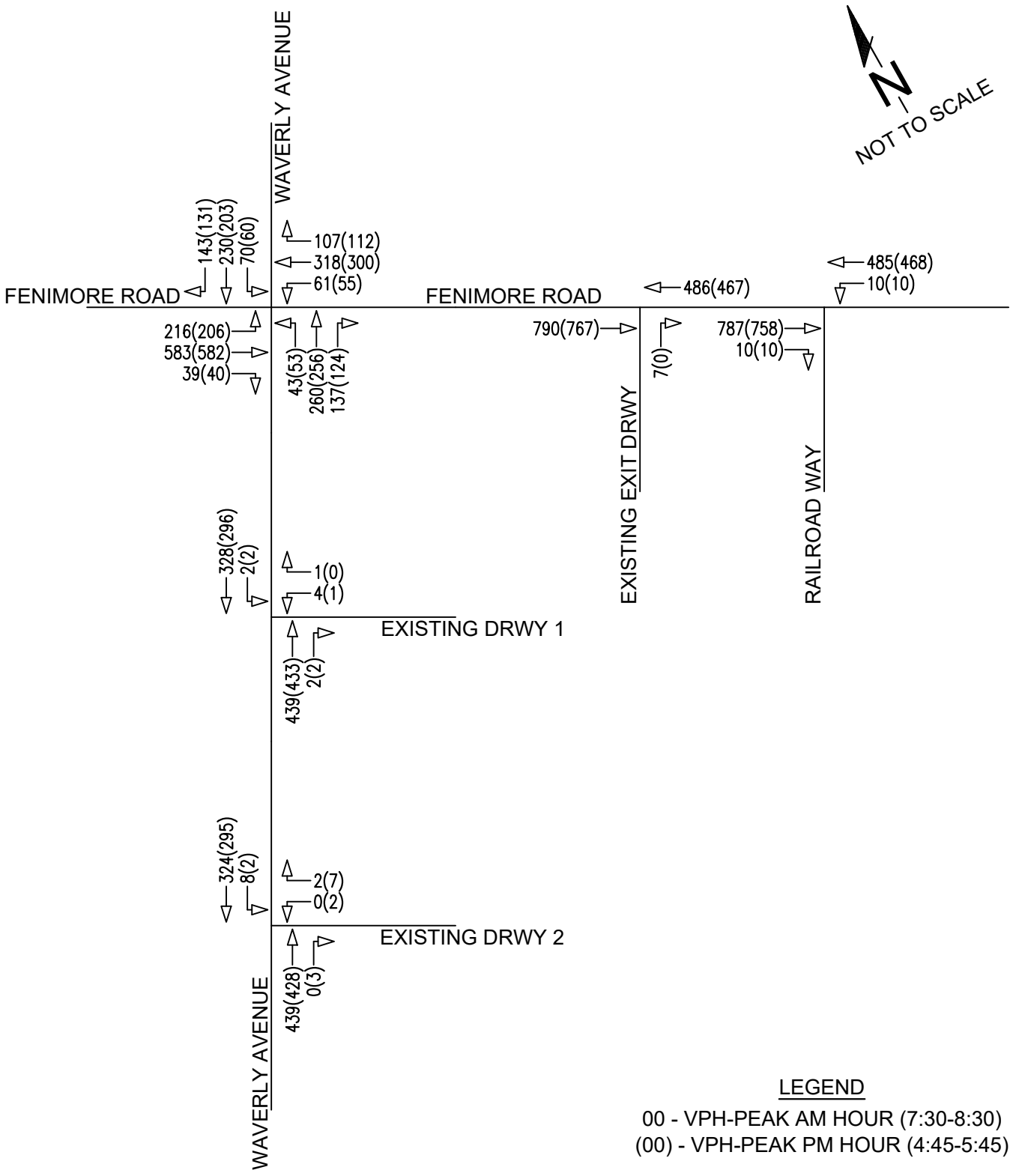
Adjacent Development Traffic Volumes

Mamaroneck, Westchester, NY

Figure No. 02



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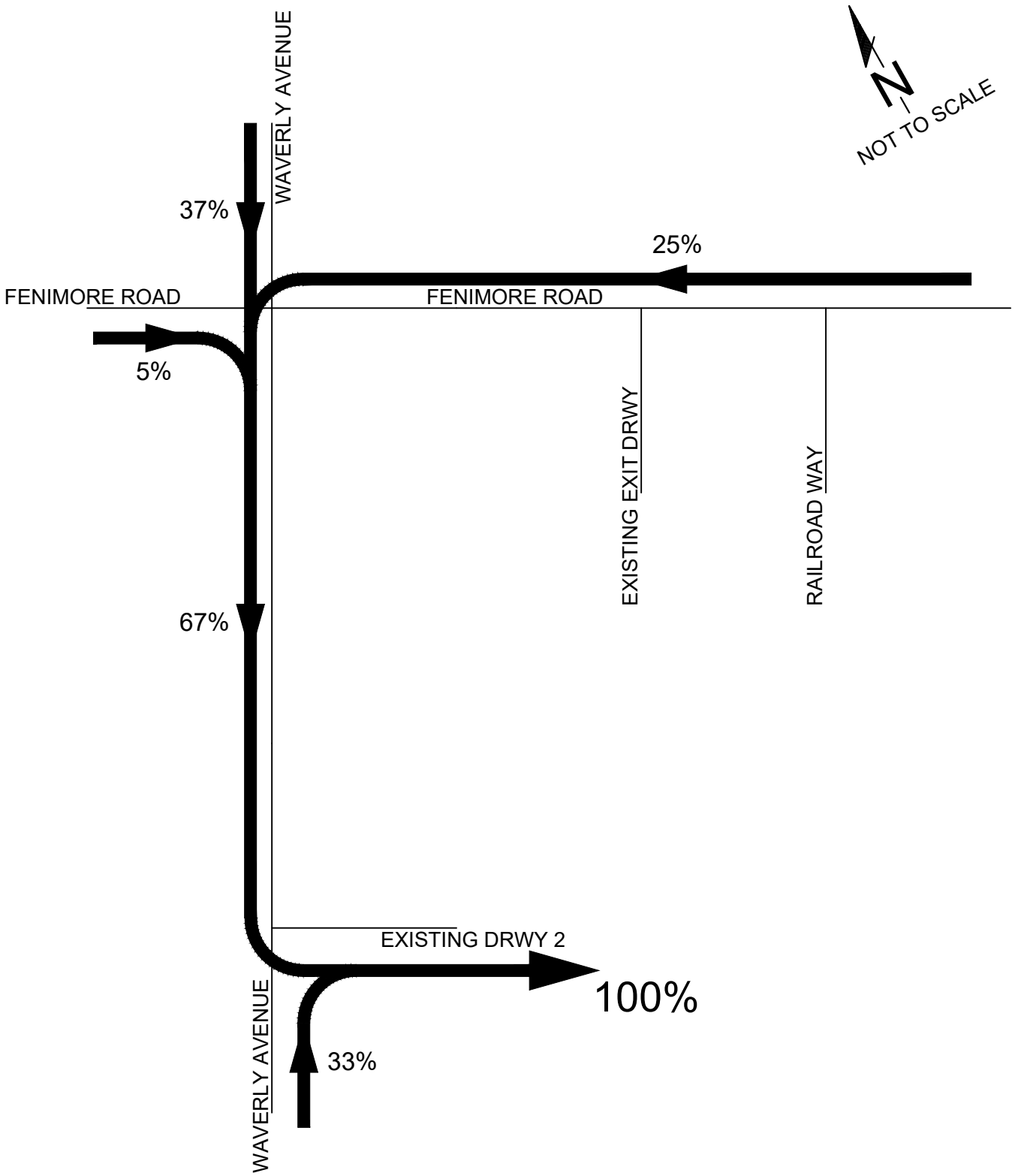
No-Build Traffic Volumes
Mamaroneck, Westchester, NY

Figure No. 03



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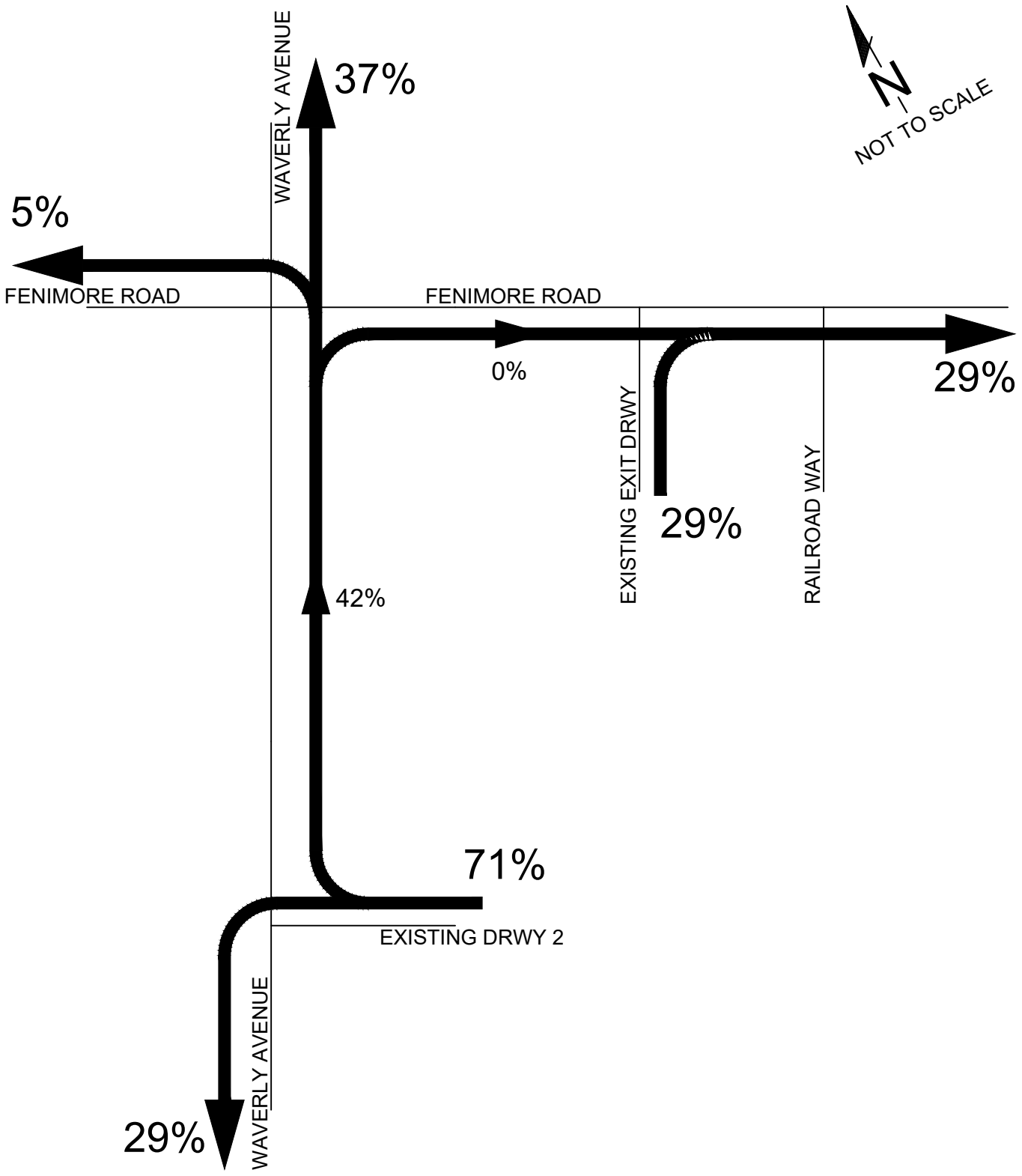
Arrival Distribution
Mamaroneck, Westchester, NY

Figure No. 04



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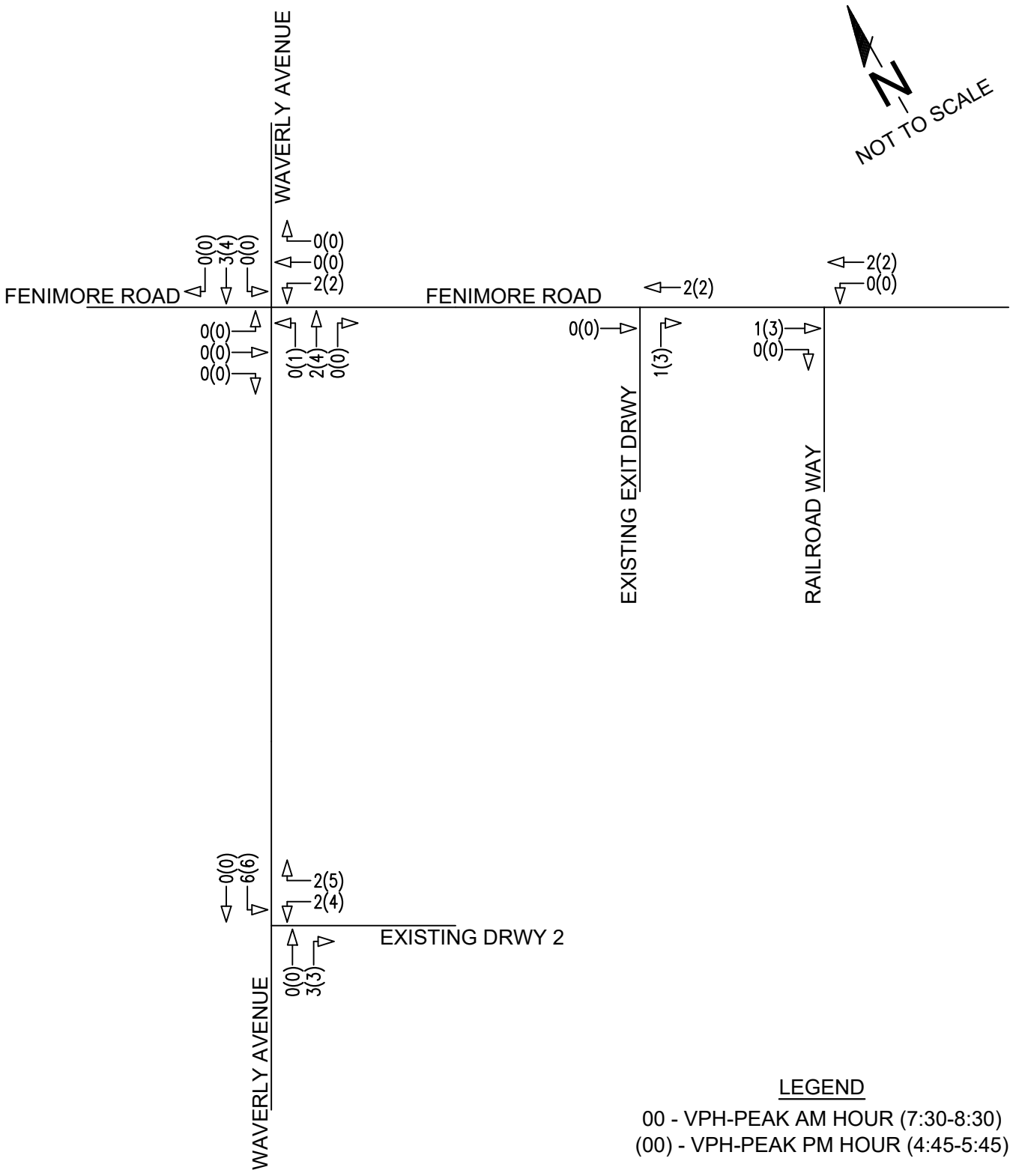
Departure Distribution
Mamaroneck, Westchester, NY

Figure No. 05



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Project No. 17-060
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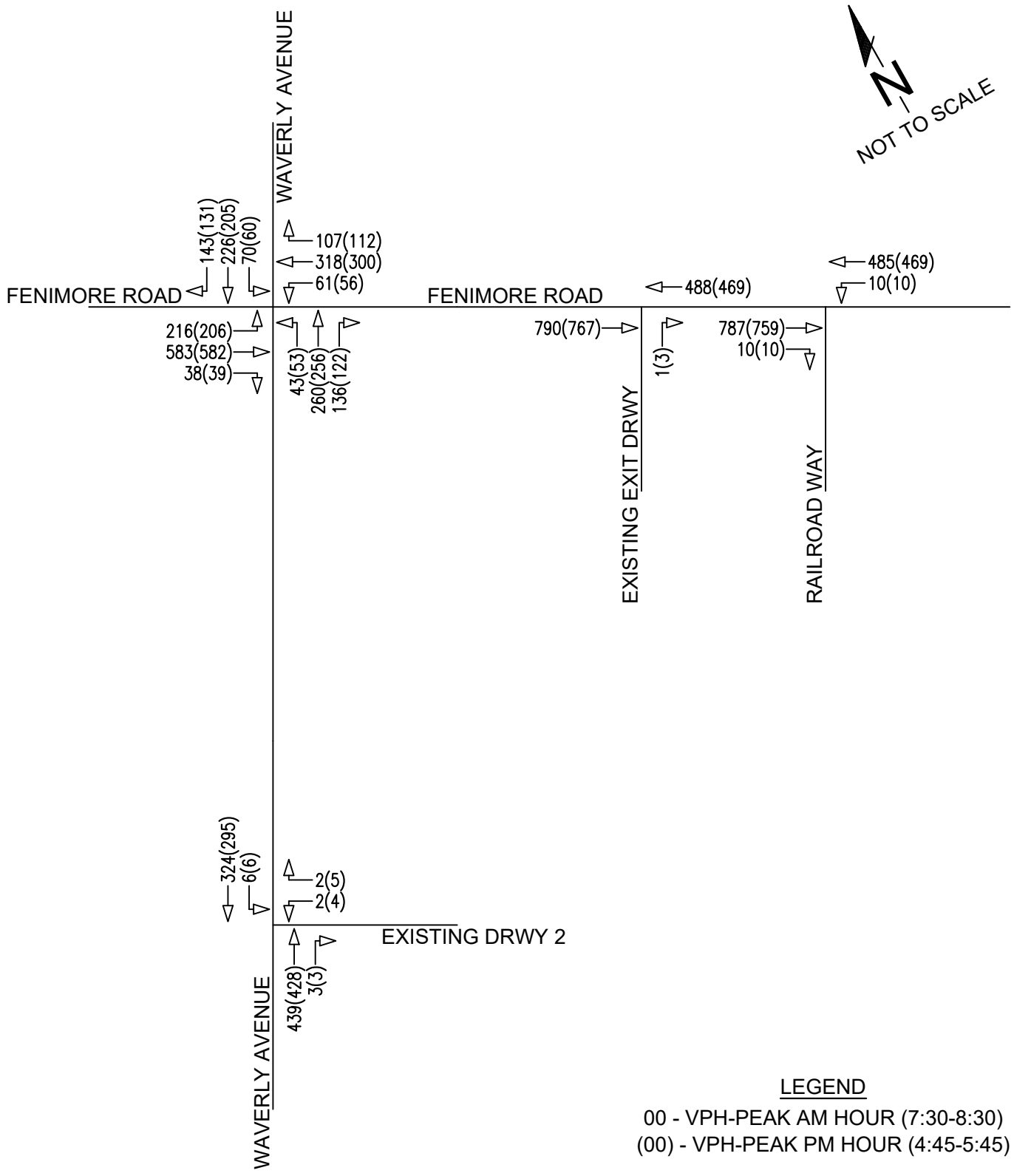
Project Generated Traffic Volumes
Mamaroneck, Westchester, NY

Figure No. 06



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Build Traffic Figures

Mamaroneck, Westchester, NY

Figure No. 07

APPENDIX B

Level of Service Analysis

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	210	566	38	59	309	104	42	252	133	68	223	139
Future Volume (veh/h)	210	566	38	59	309	104	42	252	133	68	223	139
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q, veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj (A_pbT)	1.00		0.99	1.00		0.99	1.00		0.98	1.00		0.98
Parking Bus Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	228	615	41	64	336	113	46	274	145	74	242	151
Adj No. of Lanes	1	1	1	1	1	1	1	1	0	1	1	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Opposing Right Turn Influence	Yes			Yes			Yes			Yes		
Cap, veh/h	542	1068	899	368	795	667	202	361	191	185	338	211
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Prop Arrive On Green	0.10	0.57	0.57	0.43	0.43	0.43	0.32	0.32	0.32	0.32	0.32	0.32
Ln Grp Delay, s/veh	13.2	13.4	7.8	19.2	18.1	15.1	36.2	0.0	34.6	42.3	0.0	32.6
Ln Grp LOS	B	B	A	B	B	B	D		C	D		C
Approach Vol, veh/h		884			513			465			467	
Approach Delay, s/veh		13.1			17.6			34.8			34.1	
Approach LOS		B			B			C			C	

Timer:	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6	7	8
Case No		6.0		3.0		6.0	1.2	5.0
Phs Duration (G+Y+Rc), s		30.0		52.0		30.0	12.0	40.0
Change Period (Y+Rc), s		4.0		5.0		4.0	4.0	5.0
Max Green (Gmax), s		26.0		47.0		26.0	8.0	35.0
Max Allow Headway (MAH), s		5.3		5.2		5.3	3.8	5.1
Max Q Clear (g_c+I1), s		22.0		19.3		25.9	7.5	12.3
Green Ext Time (g_e), s		1.1		4.7		0.0	0.0	2.9
Prob of Phs Call (p_c)		1.00		1.00		1.00	1.00	1.00
Prob of Max Out (p_x)		0.00		0.00		0.00	0.00	0.00

Left-Turn Movement Data								
Assigned Mvmt		5				1	7	3
Mvmt Sat Flow, veh/h		986				963	1774	771

Through Movement Data								
Assigned Mvmt		2		4		6		8
Mvmt Sat Flow, veh/h		1139		1863		1065		1863

Right-Turn Movement Data								
Assigned Mvmt		12		14		16		18
Mvmt Sat Flow, veh/h		603		1568		664		1563

Left Lane Group Data								
Assigned Mvmt	0	5	0	0	0	1	7	3
Lane Assignment							(Pr/Pm)	

Lanes in Grp	0	1	0	0	0	1	1	1
Grp Vol (v), veh/h	0	46	0	0	0	74	228	64
Grp Sat Flow (s), veh/h/ln	0	986	0	0	0	963	1774	771
Q Serve Time (g_s), s	0.0	3.5	0.0	0.0	0.0	6.1	5.5	4.7
Cycle Q Clear Time (g_c), s	0.0	20.0	0.0	0.0	0.0	23.9	5.5	10.0
Perm LT Sat Flow (s_l), veh/h/ln	0	986	0	0	0	963	936	771
Shared LT Sat Flow (s_sh), veh/h/ln	0	0	0	0	0	0	0	0
Perm LT Eff Green (g_p), s	0.0	26.0	0.0	0.0	0.0	26.0	37.0	35.0
Perm LT Serve Time (g_u), s	0.0	9.5	0.0	0.0	0.0	8.3	24.7	29.7
Perm LT Q Serve Time (g_ps), s	0.0	3.5	0.0	0.0	0.0	6.1	4.0	4.7
Time to First Blk (g_f), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Serve Time pre Blk (g_fs), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop LT Inside Lane (P_L)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Lane Grp Cap (c), veh/h	0	202	0	0	0	185	542	368
V/C Ratio (X)	0.00	0.23	0.00	0.00	0.00	0.40	0.42	0.17
Avail Cap (c_a), veh/h	0	202	0	0	0	185	542	368
Upstream Filter (I)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Uniform Delay (d1), s/veh	0.0	33.6	0.0	0.0	0.0	35.9	10.8	18.2
Incr Delay (d2), s/veh	0.0	2.6	0.0	0.0	0.0	6.4	2.4	1.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	36.2	0.0	0.0	0.0	42.3	13.2	19.2
1st-Term Q (Q1), veh/ln	0.0	1.0	0.0	0.0	0.0	1.6	2.6	1.0
2nd-Term Q (Q2), veh/ln	0.0	0.1	0.0	0.0	0.0	0.3	0.4	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
%ile Back of Q (50%), veh/ln	0.0	1.1	0.0	0.0	0.0	2.0	3.0	1.1
%ile Storage Ratio (RQ%)	0.00	0.56	0.00	0.00	0.00	0.76	0.94	1.55
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Middle Lane Group Data								
Assigned Mvmt	0	2	0	4	0	6	0	8
Lane Assignment				T				T
Lanes in Grp	0	0	0	1	0	0	0	1
Grp Vol (v), veh/h	0	0	0	615	0	0	0	336
Grp Sat Flow (s), veh/h/ln	0	0	0	1863	0	0	0	1863
Q Serve Time (g_s), s	0.0	0.0	0.0	17.3	0.0	0.0	0.0	10.3
Cycle Q Clear Time (g_c), s	0.0	0.0	0.0	17.3	0.0	0.0	0.0	10.3
Lane Grp Cap (c), veh/h	0	0	0	1068	0	0	0	795
V/C Ratio (X)	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.42
Avail Cap (c_a), veh/h	0	0	0	1068	0	0	0	795
Upstream Filter (I)	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	0.0	0.0	11.2	0.0	0.0	0.0	16.4
Incr Delay (d2), s/veh	0.0	0.0	0.0	2.3	0.0	0.0	0.0	1.6
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	0.0	0.0	13.4	0.0	0.0	0.0	18.1
1st-Term Q (Q1), veh/ln	0.0	0.0	0.0	8.7	0.0	0.0	0.0	5.3

2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.4
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	0.0	0.0	9.4	0.0	0.0	0.0	5.7
%ile Storage Ratio (RQ%)	0.00	0.00	0.00	1.07	0.00	0.00	0.00	8.02
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Right Lane Group Data								
Assigned Mvmt	0	12	0	14	0	16	0	18
Lane Assignment		T+R		R		T+R		R
Lanes in Grp	0	1	0	1	0	1	0	1
Grp Vol (v), veh/h	0	419	0	41	0	393	0	113
Grp Sat Flow (s), veh/h/ln	0	1742	0	1568	0	1729	0	1563
Q Serve Time (g_s), s	0.0	17.7	0.0	0.9	0.0	16.5	0.0	3.7
Cycle Q Clear Time (g_c), s	0.0	17.7	0.0	0.9	0.0	16.5	0.0	3.7
Prot RT Sat Flow (s_R), veh/h/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prot RT Eff Green (g_R), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop RT Outside Lane (P_R)	0.00	0.35	0.00	1.00	0.00	0.38	0.00	1.00
Lane Grp Cap (c), veh/h	0	552	0	899	0	548	0	667
V/C Ratio (X)	0.00	0.76	0.00	0.05	0.00	0.72	0.00	0.17
Avail Cap (c_a), veh/h	0	552	0	899	0	548	0	667
Upstream Filter (I)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	25.2	0.0	7.7	0.0	24.7	0.0	14.5
Incr Delay (d2), s/veh	0.0	9.4	0.0	0.1	0.0	7.8	0.0	0.5
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	34.6	0.0	7.8	0.0	32.6	0.0	15.1
1st-Term Q (Q1), veh/ln	0.0	8.5	0.0	0.4	0.0	7.9	0.0	1.6
2nd-Term Q (Q2), veh/ln	0.0	1.4	0.0	0.0	0.0	1.2	0.0	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	9.9	0.0	0.4	0.0	9.1	0.0	1.7
%ile Storage Ratio (RQ%)	0.00	4.95	0.00	0.14	0.00	0.53	0.00	2.36
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intersection Summary	
HCM 2010 Ctrl Delay	22.6
HCM 2010 LOS	C

Intersection	
Int Delay, s/veh	0.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	767	0	0	471	0	7
Future Vol, veh/h	767	0	0	471	0	7
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	834	0	0	512	0	8

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	-	834
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.23
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.319
Pot Cap-1 Maneuver	-	0	0	-	0	367
Stage 1	-	0	0	-	0	-
Stage 2	-	0	0	-	0	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	-	367
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	15
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	367	-	-
HCM Lane V/C Ratio	0.021	-	-
HCM Control Delay (s)	15	-	-
HCM Lane LOS	C	-	-
HCM 95th %tile Q(veh)	0.1	-	-

Intersection	
Int Delay, s/veh	0.1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	4	1	426	2	2	319
Future Vol, veh/h	4	1	426	2	2	319
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	4	1	463	2	2	347

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	815	464	0	0	465	0
Stage 1	464	-	-	-	-	-
Stage 2	351	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	347	598	-	-	1096	-
Stage 1	633	-	-	-	-	-
Stage 2	713	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	346	598	-	-	1096	-
Mov Cap-2 Maneuver	346	-	-	-	-	-
Stage 1	633	-	-	-	-	-
Stage 2	712	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	14.7	0	0.1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	378	1096	-
HCM Lane V/C Ratio	-	-	0.014	0.002	-
HCM Control Delay (s)	-	-	14.7	8.3	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	2	426	0	8	315
Future Vol, veh/h	0	2	426	0	8	315
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	2	463	0	9	342

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	823	463	0	0	463	0
Stage 1	463	-	-	-	-	-
Stage 2	360	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	343	599	-	-	1098	-
Stage 1	634	-	-	-	-	-
Stage 2	706	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	340	599	-	-	1098	-
Mov Cap-2 Maneuver	340	-	-	-	-	-
Stage 1	634	-	-	-	-	-
Stage 2	699	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11	0	0.2
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	599	1098	-
HCM Lane V/C Ratio	-	-	0.004	0.008	-
HCM Control Delay (s)	-	-	11	8.3	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0	0	-

Movement	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations						
Traffic Volume (veh/h)	764	10	10	471	0	0
Future Volume (Veh/h)	764	10	10	471	0	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	830	11	11	512	0	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)	182					
pX, platoon unblocked			0.76		0.76	0.76
vC, conflicting volume			841		1370	836
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			635		1329	628
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			98		100	100
cM capacity (veh/h)			722		128	368

Direction, Lane #	EB 1	WB 1
Volume Total	841	523
Volume Left	0	11
Volume Right	11	0
cSH	1700	722
Volume to Capacity	0.49	0.02
Queue Length 95th (ft)	0	1
Control Delay (s)	0.0	0.4
Lane LOS		A
Approach Delay (s)	0.0	0.4
Approach LOS		

Intersection Summary			
Average Delay	0.2		
Intersection Capacity Utilization	44.1%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	216	583	39	61	318	107	43	260	137	70	230	143
Future Volume (veh/h)	216	583	39	61	318	107	43	260	137	70	230	143
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q, veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj (A_pbT)	1.00		0.99	1.00		0.99	1.00		0.98	1.00		0.98
Parking Bus Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	235	634	42	66	346	116	47	283	149	76	250	155
Adj No. of Lanes	1	1	1	1	1	1	1	1	0	1	1	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Opposing Right Turn Influence	Yes			Yes			Yes			Yes		
Cap, veh/h	535	1068	899	355	795	667	193	362	190	175	339	210
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Prop Arrive On Green	0.10	0.57	0.57	0.43	0.43	0.43	0.32	0.32	0.32	0.32	0.32	0.32
Ln Grp Delay, s/veh	13.6	13.8	7.8	20.0	18.3	15.1	37.2	0.0	36.0	44.4	0.0	33.6
Ln Grp LOS	B	B	A	B	B	B	D		D	D		C
Approach Vol, veh/h		911			528			479			481	
Approach Delay, s/veh		13.4			17.8			36.1			35.3	
Approach LOS		B			B			D			D	

Timer:	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6	7	8
Case No		6.0		3.0		6.0	1.2	5.0
Phs Duration (G+Y+Rc), s		30.0		52.0		30.0	12.0	40.0
Change Period (Y+Rc), s		4.0		5.0		4.0	4.0	5.0
Max Green (Gmax), s		26.0		47.0		26.0	8.0	35.0
Max Allow Headway (MAH), s		5.3		5.2		5.3	3.8	5.1
Max Q Clear (g_c+I1), s		22.8		20.1		26.9	7.6	13.1
Green Ext Time (g_e), s		0.9		4.9		0.0	0.0	3.0
Prob of Phs Call (p_c)		1.00		1.00		1.00	1.00	1.00
Prob of Max Out (p_x)		0.00		0.00		0.00	0.00	0.00

Left-Turn Movement Data								
Assigned Mvmt		5				1	7	3
Mvmt Sat Flow, veh/h		975				952	1774	757

Through Movement Data								
Assigned Mvmt		2		4		6		8
Mvmt Sat Flow, veh/h		1141		1863		1068		1863

Right-Turn Movement Data								
Assigned Mvmt		12		14		16		18
Mvmt Sat Flow, veh/h		601		1568		662		1563

Left Lane Group Data								
Assigned Mvmt	0	5	0	0	0	1	7	3
Lane Assignment							(Pr/Pm)	

Lanes in Grp	0	1	0	0	0	1	1	1
Grp Vol (v), veh/h	0	47	0	0	0	76	235	66
Grp Sat Flow (s), veh/h/ln	0	975	0	0	0	952	1774	757
Q Serve Time (g_s), s	0.0	3.7	0.0	0.0	0.0	6.5	5.6	5.1
Cycle Q Clear Time (g_c), s	0.0	20.8	0.0	0.0	0.0	24.9	5.6	11.1
Perm LT Sat Flow (s_l), veh/h/ln	0	975	0	0	0	952	925	757
Shared LT Sat Flow (s_sh), veh/h/ln	0	0	0	0	0	0	0	0
Perm LT Eff Green (g_p), s	0.0	26.0	0.0	0.0	0.0	26.0	37.0	35.0
Perm LT Serve Time (g_u), s	0.0	8.9	0.0	0.0	0.0	7.5	24.3	28.9
Perm LT Q Serve Time (g_ps), s	0.0	3.7	0.0	0.0	0.0	6.5	4.3	5.1
Time to First Blk (g_f), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Serve Time pre Blk (g_fs), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop LT Inside Lane (P_L)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Lane Grp Cap (c), veh/h	0	193	0	0	0	175	535	355
V/C Ratio (X)	0.00	0.24	0.00	0.00	0.00	0.43	0.44	0.19
Avail Cap (c_a), veh/h	0	193	0	0	0	175	535	355
Upstream Filter (I)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Uniform Delay (d1), s/veh	0.0	34.3	0.0	0.0	0.0	36.7	10.9	18.8
Incr Delay (d2), s/veh	0.0	3.0	0.0	0.0	0.0	7.6	2.6	1.2
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	37.2	0.0	0.0	0.0	44.4	13.6	20.0
1st-Term Q (Q1), veh/ln	0.0	1.0	0.0	0.0	0.0	1.7	2.7	1.1
2nd-Term Q (Q2), veh/ln	0.0	0.2	0.0	0.0	0.0	0.4	0.4	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
%ile Back of Q (50%), veh/ln	0.0	1.2	0.0	0.0	0.0	2.1	3.1	1.2
%ile Storage Ratio (RQ%)	0.00	0.57	0.00	0.00	0.00	0.81	0.97	1.66
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Middle Lane Group Data								
Assigned Mvmt	0	2	0	4	0	6	0	8
Lane Assignment				T				T
Lanes in Grp	0	0	0	1	0	0	0	1
Grp Vol (v), veh/h	0	0	0	634	0	0	0	346
Grp Sat Flow (s), veh/h/ln	0	0	0	1863	0	0	0	1863
Q Serve Time (g_s), s	0.0	0.0	0.0	18.1	0.0	0.0	0.0	10.7
Cycle Q Clear Time (g_c), s	0.0	0.0	0.0	18.1	0.0	0.0	0.0	10.7
Lane Grp Cap (c), veh/h	0	0	0	1068	0	0	0	795
V/C Ratio (X)	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.44
Avail Cap (c_a), veh/h	0	0	0	1068	0	0	0	795
Upstream Filter (I)	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	0.0	0.0	11.3	0.0	0.0	0.0	16.5
Incr Delay (d2), s/veh	0.0	0.0	0.0	2.4	0.0	0.0	0.0	1.7
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	0.0	0.0	13.8	0.0	0.0	0.0	18.3
1st-Term Q (Q1), veh/ln	0.0	0.0	0.0	9.2	0.0	0.0	0.0	5.5

2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.4
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	0.0	0.0	9.9	0.0	0.0	0.0	5.9
%ile Storage Ratio (RQ%)	0.00	0.00	0.00	1.13	0.00	0.00	0.00	8.27
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Right Lane Group Data								
Assigned Mvmt	0	12	0	14	0	16	0	18
Lane Assignment		T+R		R		T+R		R
Lanes in Grp	0	1	0	1	0	1	0	1
Grp Vol (v), veh/h	0	432	0	42	0	405	0	116
Grp Sat Flow (s), veh/h/ln	0	1742	0	1568	0	1730	0	1563
Q Serve Time (g_s), s	0.0	18.5	0.0	1.0	0.0	17.1	0.0	3.8
Cycle Q Clear Time (g_c), s	0.0	18.5	0.0	1.0	0.0	17.1	0.0	3.8
Prot RT Sat Flow (s_R), veh/h/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prot RT Eff Green (g_R), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop RT Outside Lane (P_R)	0.00	0.34	0.00	1.00	0.00	0.38	0.00	1.00
Lane Grp Cap (c), veh/h	0	552	0	899	0	548	0	667
V/C Ratio (X)	0.00	0.78	0.00	0.05	0.00	0.74	0.00	0.17
Avail Cap (c_a), veh/h	0	552	0	899	0	548	0	667
Upstream Filter (I)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	25.4	0.0	7.7	0.0	25.0	0.0	14.5
Incr Delay (d2), s/veh	0.0	10.6	0.0	0.1	0.0	8.6	0.0	0.6
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	36.0	0.0	7.8	0.0	33.6	0.0	15.1
1st-Term Q (Q1), veh/ln	0.0	8.9	0.0	0.4	0.0	8.1	0.0	1.6
2nd-Term Q (Q2), veh/ln	0.0	1.6	0.0	0.0	0.0	1.3	0.0	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	10.5	0.0	0.4	0.0	9.4	0.0	1.7
%ile Storage Ratio (RQ%)	0.00	5.23	0.00	0.15	0.00	0.55	0.00	2.42
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intersection Summary	
HCM 2010 Ctrl Delay	23.3
HCM 2010 LOS	C

Intersection	
Int Delay, s/veh	0.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	790	0	0	486	0	7
Future Vol, veh/h	790	0	0	486	0	7
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	859	0	0	528	0	8

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	-	859
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.23
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.319
Pot Cap-1 Maneuver	-	0	0	-	0	355
Stage 1	-	0	0	-	0	-
Stage 2	-	0	0	-	0	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	-	355
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	15.4
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	355	-	-
HCM Lane V/C Ratio	0.021	-	-
HCM Control Delay (s)	15.4	-	-
HCM Lane LOS	C	-	-
HCM 95th %tile Q(veh)	0.1	-	-

Intersection	
Int Delay, s/veh	0.1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	4	1	439	2	2	328
Future Vol, veh/h	4	1	439	2	2	328
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	4	1	477	2	2	357

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	839	478	0	0	479	0
Stage 1	478	-	-	-	-	-
Stage 2	361	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	336	587	-	-	1083	-
Stage 1	624	-	-	-	-	-
Stage 2	705	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	335	587	-	-	1083	-
Mov Cap-2 Maneuver	335	-	-	-	-	-
Stage 1	624	-	-	-	-	-
Stage 2	704	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	15	0	0.1
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	366	1083	-
HCM Lane V/C Ratio	-	-	0.015	0.002	-
HCM Control Delay (s)	-	-	15	8.3	0
HCM Lane LOS	-	-	C	A	A
HCM 95th %tile Q(veh)	-	-	0	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	2	439	0	8	324
Future Vol, veh/h	0	2	439	0	8	324
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	2	477	0	9	352

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	847	477	0	0	477	0
Stage 1	477	-	-	-	-	-
Stage 2	370	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	332	588	-	-	1085	-
Stage 1	624	-	-	-	-	-
Stage 2	699	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	329	588	-	-	1085	-
Mov Cap-2 Maneuver	329	-	-	-	-	-
Stage 1	624	-	-	-	-	-
Stage 2	692	-	-	-	-	-

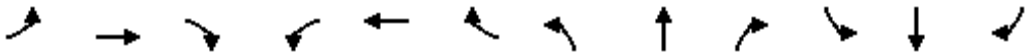
Approach	WB	NB	SB
HCM Control Delay, s	11.1	0	0.2
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	588	1085	-
HCM Lane V/C Ratio	-	-	0.004	0.008	-
HCM Control Delay (s)	-	-	11.1	8.3	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0	0	-

Movement	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations						
Traffic Volume (veh/h)	787	10	10	485	0	0
Future Volume (Veh/h)	787	10	10	485	0	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	855	11	11	527	0	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)	182					
pX, platoon unblocked			0.75		0.75	0.75
vC, conflicting volume			866		1410	860
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			655		1379	647
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			98		100	100
cM capacity (veh/h)			699		118	353

Direction, Lane #	EB 1	WB 1
Volume Total	866	538
Volume Left	0	11
Volume Right	11	0
cSH	1700	699
Volume to Capacity	0.51	0.02
Queue Length 95th (ft)	0	1
Control Delay (s)	0.0	0.4
Lane LOS		A
Approach Delay (s)	0.0	0.4
Approach LOS		

Intersection Summary			
Average Delay	0.2		
Intersection Capacity Utilization	45.4%	ICU Level of Service	A
Analysis Period (min)	15		



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	216	583	38	61	318	107	43	260	136	70	226	143
Future Volume (veh/h)	216	583	38	61	318	107	43	260	136	70	226	143
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q, veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj (A_pbT)	1.00		0.99	1.00		0.99	1.00		0.98	1.00		0.98
Parking Bus Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Lanes Open During Work Zone												
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	235	634	41	66	346	116	47	283	148	76	246	155
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Opposing Right Turn Influence	Yes			Yes			Yes			Yes		
Cap, veh/h	537	1072	900	357	798	668	197	364	190	177	337	212
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Prop Arrive On Green	0.10	0.57	0.57	0.43	0.43	0.43	0.32	0.32	0.32	0.32	0.32	0.32
Unsig. Movement Delay												
Ln Grp Delay, s/veh	13.5	13.7	7.8	19.9	18.2	15.1	36.8	0.0	35.7	44.0	0.0	33.2
Ln Grp LOS	B	B	A	B	B	B	D	A	D	D	A	C
Approach Vol, veh/h		910			528			478			477	
Approach Delay, s/veh		13.4			17.8			35.8			34.9	
Approach LOS		B			B			D			C	

Timer:	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6	7	8
Case No		6.0		3.0		6.0	1.2	5.3
Phs Duration (G+Y+Rc), s		30.0		52.0		30.0	12.0	40.0
Change Period (Y+Rc), s		4.0		5.0		4.0	4.0	5.0
Max Green (Gmax), s		26.0		47.0		26.0	8.0	35.0
Max Allow Headway (MAH), s		5.3		5.2		5.3	3.8	5.1
Max Q Clear (g_c+I1), s		22.5		19.9		26.7	7.6	13.0
Green Ext Time (g_e), s		1.0		4.9		0.0	0.0	3.0
Prob of Phs Call (p_c)		1.00		1.00		1.00	1.00	1.00
Prob of Max Out (p_x)		0.00		0.00		0.00	0.00	0.00
Left-Turn Movement Data								
Assigned Mvmt		5				1	7	3
Mvmt Sat Flow, veh/h		983				957	1781	761
Through Movement Data								
Assigned Mvmt		2		4		6		8
Mvmt Sat Flow, veh/h		1147		1870		1063		1870
Right-Turn Movement Data								
Assigned Mvmt		12		14		16		18
Mvmt Sat Flow, veh/h		600		1570		670		1565
Left Lane Group Data								
Assigned Mvmt	0	5	0	0	0	1	7	3
Lane Assignment		L				LL (Pr/Pm)		L

Lanes in Grp	0	1	0	0	0	1	1	1
Grp Vol (v), veh/h	0	47	0	0	0	76	235	66
Grp Sat Flow (s), veh/h/ln	0	983	0	0	0	957	1781	761
Q Serve Time (g_s), s	0.0	3.7	0.0	0.0	0.0	6.4	5.6	5.0
Cycle Q Clear Time (g_c), s	0.0	20.5	0.0	0.0	0.0	24.7	5.6	11.0
Perm LT Sat Flow (s_l), veh/h/ln	0	983	0	0	0	957	928	761
Shared LT Sat Flow (s_sh), veh/h/ln	0	0	0	0	0	0	0	0
Perm LT Eff Green (g_p), s	0.0	26.0	0.0	0.0	0.0	26.0	37.0	35.0
Perm LT Serve Time (g_u), s	0.0	9.1	0.0	0.0	0.0	7.7	24.3	29.1
Perm LT Q Serve Time (g_ps), s	0.0	3.7	0.0	0.0	0.0	6.4	4.3	5.0
Time to First Blk (g_f), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Serve Time pre Blk (g_fs), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop LT Inside Lane (P_L)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Lane Grp Cap (c), veh/h	0	197	0	0	0	177	537	357
V/C Ratio (X)	0.00	0.24	0.00	0.00	0.00	0.43	0.44	0.18
Avail Cap (c_a), veh/h	0	197	0	0	0	177	537	357
Upstream Filter (I)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Uniform Delay (d1), s/veh	0.0	34.0	0.0	0.0	0.0	36.6	10.9	18.7
Incr Delay (d2), s/veh	0.0	2.8	0.0	0.0	0.0	7.4	2.6	1.1
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	36.8	0.0	0.0	0.0	44.0	13.5	19.9
1st-Term Q (Q1), veh/ln	0.0	0.9	0.0	0.0	0.0	1.5	2.0	0.9
2nd-Term Q (Q2), veh/ln	0.0	0.2	0.0	0.0	0.0	0.4	0.4	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
%ile Back of Q (50%), veh/ln	0.0	1.0	0.0	0.0	0.0	1.8	2.4	1.0
%ile Storage Ratio (RQ%)	0.00	0.48	0.00	0.00	0.00	0.72	0.75	1.36
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Middle Lane Group Data								
Assigned Mvmt	0	2	0	4	0	6	0	8
Lane Assignment				T				T
Lanes in Grp	0	0	0	1	0	0	0	1
Grp Vol (v), veh/h	0	0	0	634	0	0	0	346
Grp Sat Flow (s), veh/h/ln	0	0	0	1870	0	0	0	1870
Q Serve Time (g_s), s	0.0	0.0	0.0	17.9	0.0	0.0	0.0	10.7
Cycle Q Clear Time (g_c), s	0.0	0.0	0.0	17.9	0.0	0.0	0.0	10.7
Lane Grp Cap (c), veh/h	0	0	0	1072	0	0	0	798
V/C Ratio (X)	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.43
Avail Cap (c_a), veh/h	0	0	0	1072	0	0	0	798
Upstream Filter (I)	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	0.0	0.0	11.3	0.0	0.0	0.0	16.5
Incr Delay (d2), s/veh	0.0	0.0	0.0	2.4	0.0	0.0	0.0	1.7
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	0.0	0.0	13.7	0.0	0.0	0.0	18.2
1st-Term Q (Q1), veh/ln	0.0	0.0	0.0	6.6	0.0	0.0	0.0	4.3
2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.4

3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	0.0	0.0	7.3	0.0	0.0	0.0	4.7
%ile Storage Ratio (RQ%)	0.00	0.00	0.00	0.83	0.00	0.00	0.00	6.63
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Right Lane Group Data								
Assigned Mvmt	0	12	0	14	0	16	0	18
Lane Assignment		T+R		R		T+R		R
Lanes in Grp	0	1	0	1	0	1	0	1
Grp Vol (v), veh/h	0	431	0	41	0	401	0	116
Grp Sat Flow (s), veh/h/ln	0	1748	0	1570	0	1733	0	1565
Q Serve Time (g_s), s	0.0	18.3	0.0	0.9	0.0	16.9	0.0	3.8
Cycle Q Clear Time (g_c), s	0.0	18.3	0.0	0.9	0.0	16.9	0.0	3.8
Prot RT Sat Flow (s_R), veh/h/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prot RT Eff Green (g_R), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop RT Outside Lane (P_R)	0.00	0.34	0.00	1.00	0.00	0.39	0.00	1.00
Lane Grp Cap (c), veh/h	0	554	0	900	0	550	0	668
V/C Ratio (X)	0.00	0.78	0.00	0.05	0.00	0.73	0.00	0.17
Avail Cap (c_a), veh/h	0	554	0	900	0	550	0	668
Upstream Filter (I)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	25.4	0.0	7.7	0.0	24.9	0.0	14.5
Incr Delay (d2), s/veh	0.0	10.3	0.0	0.1	0.0	8.3	0.0	0.6
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	35.7	0.0	7.8	0.0	33.2	0.0	15.1
1st-Term Q (Q1), veh/ln	0.0	7.2	0.0	0.3	0.0	6.6	0.0	1.3
2nd-Term Q (Q2), veh/ln	0.0	1.6	0.0	0.0	0.0	1.3	0.0	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	8.8	0.0	0.3	0.0	7.9	0.0	1.4
%ile Storage Ratio (RQ%)	0.00	4.15	0.00	0.11	0.00	0.46	0.00	1.94
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intersection Summary	
HCM 6th Ctrl Delay	23.1
HCM 6th LOS	C

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	790	0	0	488	0	1
Future Vol, veh/h	790	0	0	488	0	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	859	0	0	530	0	1

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	-	859
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.23
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.319
Pot Cap-1 Maneuver	-	0	0	-	0	355
Stage 1	-	0	0	-	0	-
Stage 2	-	0	0	-	0	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	-	355
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	15.2
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	355	-	-
HCM Lane V/C Ratio	0.003	-	-
HCM Control Delay (s)	15.2	-	-
HCM Lane LOS	C	-	-
HCM 95th %tile Q(veh)	0	-	-

Intersection	
Int Delay, s/veh	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	2	2	439	3	6	324
Future Vol, veh/h	2	2	439	3	6	324
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	2	477	3	7	352

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	845	479	0	0	480	0
Stage 1	479	-	-	-	-	-
Stage 2	366	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	333	587	-	-	1082	-
Stage 1	623	-	-	-	-	-
Stage 2	702	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	330	587	-	-	1082	-
Mov Cap-2 Maneuver	330	-	-	-	-	-
Stage 1	623	-	-	-	-	-
Stage 2	696	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	13.6	0	0.2
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	422	1082	-
HCM Lane V/C Ratio	-	-	0.01	0.006	-
HCM Control Delay (s)	-	-	13.6	8.3	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0	0	-

Movement	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations						
Traffic Volume (veh/h)	787	10	10	485	0	0
Future Volume (Veh/h)	787	10	10	485	0	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	855	11	11	527	0	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)	182					
pX, platoon unblocked			0.75		0.75	0.75
vC, conflicting volume			866		1410	860
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			655		1379	647
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			98		100	100
cM capacity (veh/h)			699		118	353

Direction, Lane #	EB 1	WB 1
Volume Total	866	538
Volume Left	0	11
Volume Right	11	0
cSH	1700	699
Volume to Capacity	0.51	0.02
Queue Length 95th (ft)	0	1
Control Delay (s)	0.0	0.4
Lane LOS		A
Approach Delay (s)	0.0	0.4
Approach LOS		

Intersection Summary			
Average Delay	0.2		
Intersection Capacity Utilization	45.4%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	201	568	39	53	292	110	51	250	121	58	198	128
Future Volume (veh/h)	201	568	39	53	292	110	51	250	121	58	198	128
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q, veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj (A_pbT)	1.00		0.99	1.00		0.99	1.00		0.98	1.00		0.98
Parking Bus Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	218	617	42	58	317	120	55	272	132	63	215	139
Adj No. of Lanes	1	1	1	1	1	1	1	1	0	1	1	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Opposing Right Turn Influence	Yes			Yes			Yes			Yes		
Cap, veh/h	553	1068	899	366	795	667	231	373	181	197	332	215
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Prop Arrive On Green	0.10	0.57	0.57	0.43	0.43	0.43	0.32	0.32	0.32	0.32	0.32	0.32
Ln Grp Delay, s/veh	12.7	13.4	7.8	19.0	17.7	15.2	34.4	0.0	33.1	38.8	0.0	29.9
Ln Grp LOS	B	B	A	B	B	B	C		C	D		C
Approach Vol, veh/h		877			495			459			417	
Approach Delay, s/veh		13.0			17.3			33.2			31.2	
Approach LOS		B			B			C			C	

Timer:	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6	7	8
Case No		6.0		3.0		6.0	1.2	5.0
Phs Duration (G+Y+Rc), s		30.0		52.0		30.0	12.0	40.0
Change Period (Y+Rc), s		4.0		5.0		4.0	4.0	5.0
Max Green (Gmax), s		26.0		47.0		26.0	8.0	35.0
Max Allow Headway (MAH), s		5.3		5.2		5.3	3.8	5.0
Max Q Clear (g_c+I1), s		20.5		19.3		23.9	7.2	11.6
Green Ext Time (g_e), s		1.4		4.7		0.5	0.1	2.8
Prob of Phs Call (p_c)		1.00		1.00		1.00	1.00	1.00
Prob of Max Out (p_x)		0.00		0.00		0.00	0.00	0.00

Left-Turn Movement Data								
Assigned Mvmt		5				1	7	3
Mvmt Sat Flow, veh/h		1020				976	1774	769

Through Movement Data								
Assigned Mvmt		2		4		6		8
Mvmt Sat Flow, veh/h		1177		1863		1049		1863

Right-Turn Movement Data								
Assigned Mvmt		12		14		16		18
Mvmt Sat Flow, veh/h		571		1568		678		1563

Left Lane Group Data								
Assigned Mvmt	0	5	0	0	0	1	7	3
Lane Assignment							(Pr/Pm)	

Lanes in Grp	0	1	0	0	0	1	1	1
Grp Vol (v), veh/h	0	55	0	0	0	63	218	58
Grp Sat Flow (s), veh/h/ln	0	1020	0	0	0	976	1774	769
Q Serve Time (g_s), s	0.0	4.0	0.0	0.0	0.0	5.0	5.2	4.3
Cycle Q Clear Time (g_c), s	0.0	18.5	0.0	0.0	0.0	21.9	5.2	9.6
Perm LT Sat Flow (s_l), veh/h/ln	0	1020	0	0	0	976	946	769
Shared LT Sat Flow (s_sh), veh/h/ln	0	0	0	0	0	0	0	0
Perm LT Eff Green (g_p), s	0.0	26.0	0.0	0.0	0.0	26.0	37.0	35.0
Perm LT Serve Time (g_u), s	0.0	11.6	0.0	0.0	0.0	9.2	25.4	29.7
Perm LT Q Serve Time (g_ps), s	0.0	4.0	0.0	0.0	0.0	5.0	3.5	4.3
Time to First Blk (g_f), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Serve Time pre Blk (g_fs), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop LT Inside Lane (P_L)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Lane Grp Cap (c), veh/h	0	231	0	0	0	197	553	366
V/C Ratio (X)	0.00	0.24	0.00	0.00	0.00	0.32	0.39	0.16
Avail Cap (c_a), veh/h	0	231	0	0	0	197	553	366
Upstream Filter (I)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Uniform Delay (d1), s/veh	0.0	32.0	0.0	0.0	0.0	34.6	10.6	18.1
Incr Delay (d2), s/veh	0.0	2.4	0.0	0.0	0.0	4.2	2.1	0.9
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	34.4	0.0	0.0	0.0	38.8	12.7	19.0
1st-Term Q (Q1), veh/ln	0.0	1.1	0.0	0.0	0.0	1.3	2.5	0.9
2nd-Term Q (Q2), veh/ln	0.0	0.2	0.0	0.0	0.0	0.2	0.3	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
%ile Back of Q (50%), veh/ln	0.0	1.3	0.0	0.0	0.0	1.6	2.8	1.0
%ile Storage Ratio (RQ%)	0.00	0.64	0.00	0.00	0.00	0.62	0.89	1.41
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Middle Lane Group Data								
Assigned Mvmt	0	2	0	4	0	6	0	8
Lane Assignment				T				T
Lanes in Grp	0	0	0	1	0	0	0	1
Grp Vol (v), veh/h	0	0	0	617	0	0	0	317
Grp Sat Flow (s), veh/h/ln	0	0	0	1863	0	0	0	1863
Q Serve Time (g_s), s	0.0	0.0	0.0	17.3	0.0	0.0	0.0	9.6
Cycle Q Clear Time (g_c), s	0.0	0.0	0.0	17.3	0.0	0.0	0.0	9.6
Lane Grp Cap (c), veh/h	0	0	0	1068	0	0	0	795
V/C Ratio (X)	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.40
Avail Cap (c_a), veh/h	0	0	0	1068	0	0	0	795
Upstream Filter (I)	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	0.0	0.0	11.2	0.0	0.0	0.0	16.2
Incr Delay (d2), s/veh	0.0	0.0	0.0	2.3	0.0	0.0	0.0	1.5
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	0.0	0.0	13.4	0.0	0.0	0.0	17.7
1st-Term Q (Q1), veh/ln	0.0	0.0	0.0	8.7	0.0	0.0	0.0	4.9

2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.3
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	0.0	0.0	9.4	0.0	0.0	0.0	5.3
%ile Storage Ratio (RQ%)	0.00	0.00	0.00	1.08	0.00	0.00	0.00	7.42
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Right Lane Group Data								
Assigned Mvmt	0	12	0	14	0	16	0	18
Lane Assignment		T+R		R		T+R		R
Lanes in Grp	0	1	0	1	0	1	0	1
Grp Vol (v), veh/h	0	404	0	42	0	354	0	120
Grp Sat Flow (s), veh/h/ln	0	1748	0	1568	0	1726	0	1563
Q Serve Time (g_s), s	0.0	16.8	0.0	1.0	0.0	14.4	0.0	3.9
Cycle Q Clear Time (g_c), s	0.0	16.8	0.0	1.0	0.0	14.4	0.0	3.9
Prot RT Sat Flow (s_R), veh/h/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prot RT Eff Green (g_R), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop RT Outside Lane (P_R)	0.00	0.33	0.00	1.00	0.00	0.39	0.00	1.00
Lane Grp Cap (c), veh/h	0	554	0	899	0	547	0	667
V/C Ratio (X)	0.00	0.73	0.00	0.05	0.00	0.65	0.00	0.18
Avail Cap (c_a), veh/h	0	554	0	899	0	547	0	667
Upstream Filter (I)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	24.9	0.0	7.7	0.0	24.1	0.0	14.6
Incr Delay (d2), s/veh	0.0	8.2	0.0	0.1	0.0	5.8	0.0	0.6
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	33.1	0.0	7.8	0.0	29.9	0.0	15.2
1st-Term Q (Q1), veh/ln	0.0	8.1	0.0	0.4	0.0	6.9	0.0	1.7
2nd-Term Q (Q2), veh/ln	0.0	1.3	0.0	0.0	0.0	0.9	0.0	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	9.3	0.0	0.4	0.0	7.8	0.0	1.8
%ile Storage Ratio (RQ%)	0.00	4.65	0.00	0.15	0.00	0.46	0.00	2.51
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intersection Summary	
HCM 2010 Ctrl Delay	21.4
HCM 2010 LOS	C

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	748	0	0	455	0	0
Future Vol, veh/h	748	0	0	455	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	813	0	0	495	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	-	813
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.23
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.319
Pot Cap-1 Maneuver	-	0	0	-	0	377
Stage 1	-	0	0	-	0	-
Stage 2	-	0	0	-	0	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	-	377
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	-	-	-
HCM Lane V/C Ratio	-	-	-
HCM Control Delay (s)	0	-	-
HCM Lane LOS	A	-	-
HCM 95th %tile Q(veh)	-	-	-

Intersection	
Int Delay, s/veh	0.1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	1	0	422	2	2	288
Future Vol, veh/h	1	0	422	2	2	288
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1	0	459	2	2	313

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	777	460	0	0	461	0
Stage 1	460	-	-	-	-	-
Stage 2	317	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	365	601	-	-	1100	-
Stage 1	636	-	-	-	-	-
Stage 2	738	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	364	601	-	-	1100	-
Mov Cap-2 Maneuver	364	-	-	-	-	-
Stage 1	636	-	-	-	-	-
Stage 2	737	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	14.9	0	0.1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	364	1100	-
HCM Lane V/C Ratio	-	-	0.003	0.002	-
HCM Control Delay (s)	-	-	14.9	8.3	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0	0	-

Intersection	
Int Delay, s/veh	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	2	7	417	3	2	287
Future Vol, veh/h	2	7	417	3	2	287
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	8	453	3	2	312

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	771	455	0	0	456	0
Stage 1	455	-	-	-	-	-
Stage 2	316	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	368	605	-	-	1105	-
Stage 1	639	-	-	-	-	-
Stage 2	739	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	367	605	-	-	1105	-
Mov Cap-2 Maneuver	367	-	-	-	-	-
Stage 1	639	-	-	-	-	-
Stage 2	738	-	-	-	-	-

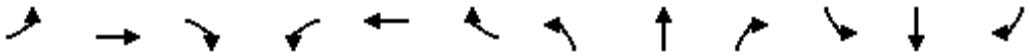
Approach	WB	NB	SB
HCM Control Delay, s	11.9	0	0.1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	529	1105	-
HCM Lane V/C Ratio	-	-	0.018	0.002	-
HCM Control Delay (s)	-	-	11.9	8.3	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0	-

Movement	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations						
Traffic Volume (veh/h)	738	10	10	455	0	0
Future Volume (Veh/h)	738	10	10	455	0	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	802	11	11	495	0	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)	182					
pX, platoon unblocked			0.77		0.77	0.77
vC, conflicting volume			813		1324	808
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			604		1271	597
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			99		100	100
cM capacity (veh/h)			747		140	386

Direction, Lane #	EB 1	WB 1
Volume Total	813	506
Volume Left	0	11
Volume Right	11	0
cSH	1700	747
Volume to Capacity	0.48	0.01
Queue Length 95th (ft)	0	1
Control Delay (s)	0.0	0.4
Lane LOS		A
Approach Delay (s)	0.0	0.4
Approach LOS		

Intersection Summary			
Average Delay	0.2		
Intersection Capacity Utilization	42.8%	ICU Level of Service	A
Analysis Period (min)	15		



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	206	582	40	55	300	112	53	256	124	60	203	131
Future Volume (veh/h)	206	582	40	55	300	112	53	256	124	60	203	131
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q, veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj (A_pbT)	1.00		0.99	1.00		0.99	1.00		0.98	1.00		0.98
Parking Bus Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Lanes Open During Work Zone												
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	224	633	43	60	326	122	58	278	135	65	221	142
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Opposing Right Turn Influence	Yes			Yes			Yes			Yes		
Cap, veh/h	549	1072	900	358	798	668	226	374	182	191	334	215
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Prop Arrive On Green	0.10	0.57	0.57	0.43	0.43	0.43	0.32	0.32	0.32	0.32	0.32	0.32
Unsig. Movement Delay												
Ln Grp Delay, s/veh	12.9	13.7	7.8	19.5	17.9	15.2	35.2	0.0	33.7	39.8	0.0	30.3
Ln Grp LOS	B	B	A	B	B	B	D	A	C	D	A	C
Approach Vol, veh/h		900			508			471			428	
Approach Delay, s/veh		13.2			17.4			33.9			31.8	
Approach LOS		B			B			C			C	

Timer:	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6	7	8
Case No		6.0		3.0		6.0	1.2	5.3
Phs Duration (G+Y+Rc), s		30.0		52.0		30.0	12.0	40.0
Change Period (Y+Rc), s		4.0		5.0		4.0	4.0	5.0
Max Green (Gmax), s		26.0		47.0		26.0	8.0	35.0
Max Allow Headway (MAH), s		5.3		5.2		5.3	3.8	5.1
Max Q Clear (g_c+I1), s		21.1		19.9		24.5	7.3	12.4
Green Ext Time (g_e), s		1.3		4.9		0.4	0.0	2.8
Prob of Phs Call (p_c)		1.00		1.00		1.00	1.00	1.00
Prob of Max Out (p_x)		0.00		0.00		0.00	0.00	0.00

Left-Turn Movement Data								
Assigned Mvmt		5				1	7	3
Mvmt Sat Flow, veh/h		1016				972	1781	760

Through Movement Data								
Assigned Mvmt		2		4		6		8
Mvmt Sat Flow, veh/h		1180		1870		1054		1870

Right-Turn Movement Data								
Assigned Mvmt		12		14		16		18
Mvmt Sat Flow, veh/h		573		1570		677		1565

Left Lane Group Data								
Assigned Mvmt	0	5	0	0	0	1	7	3
Lane Assignment		L				LL (Pr/Pm)		L

Lanes in Grp	0	1	0	0	0	1	1	1
Grp Vol (v), veh/h	0	58	0	0	0	65	224	60
Grp Sat Flow (s), veh/h/ln	0	1016	0	0	0	972	1781	760
Q Serve Time (g_s), s	0.0	4.3	0.0	0.0	0.0	5.2	5.3	4.5
Cycle Q Clear Time (g_c), s	0.0	19.1	0.0	0.0	0.0	22.5	5.3	10.4
Perm LT Sat Flow (s_l), veh/h/ln	0	1016	0	0	0	972	940	760
Shared LT Sat Flow (s_sh), veh/h/ln	0	0	0	0	0	0	0	0
Perm LT Eff Green (g_p), s	0.0	26.0	0.0	0.0	0.0	26.0	37.0	35.0
Perm LT Serve Time (g_u), s	0.0	11.1	0.0	0.0	0.0	8.7	25.1	29.1
Perm LT Q Serve Time (g_ps), s	0.0	4.3	0.0	0.0	0.0	5.2	3.7	4.5
Time to First Blk (g_f), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Serve Time pre Blk (g_fs), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop LT Inside Lane (P_L)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Lane Grp Cap (c), veh/h	0	226	0	0	0	191	549	358
V/C Ratio (X)	0.00	0.26	0.00	0.00	0.00	0.34	0.41	0.17
Avail Cap (c_a), veh/h	0	226	0	0	0	191	549	358
Upstream Filter (I)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Uniform Delay (d1), s/veh	0.0	32.5	0.0	0.0	0.0	35.1	10.7	18.5
Incr Delay (d2), s/veh	0.0	2.7	0.0	0.0	0.0	4.8	2.2	1.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	35.2	0.0	0.0	0.0	39.8	12.9	19.5
1st-Term Q (Q1), veh/ln	0.0	1.0	0.0	0.0	0.0	1.2	1.9	0.8
2nd-Term Q (Q2), veh/ln	0.0	0.2	0.0	0.0	0.0	0.3	0.3	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
%ile Back of Q (50%), veh/ln	0.0	1.2	0.0	0.0	0.0	1.5	2.2	0.9
%ile Storage Ratio (RQ%)	0.00	0.60	0.00	0.00	0.00	0.57	0.70	1.23
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Middle Lane Group Data								
Assigned Mvmt	0	2	0	4	0	6	0	8
Lane Assignment				T				T
Lanes in Grp	0	0	0	1	0	0	0	1
Grp Vol (v), veh/h	0	0	0	633	0	0	0	326
Grp Sat Flow (s), veh/h/ln	0	0	0	1870	0	0	0	1870
Q Serve Time (g_s), s	0.0	0.0	0.0	17.9	0.0	0.0	0.0	9.9
Cycle Q Clear Time (g_c), s	0.0	0.0	0.0	17.9	0.0	0.0	0.0	9.9
Lane Grp Cap (c), veh/h	0	0	0	1072	0	0	0	798
V/C Ratio (X)	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.41
Avail Cap (c_a), veh/h	0	0	0	1072	0	0	0	798
Upstream Filter (I)	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	0.0	0.0	11.3	0.0	0.0	0.0	16.3
Incr Delay (d2), s/veh	0.0	0.0	0.0	2.4	0.0	0.0	0.0	1.5
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	0.0	0.0	13.7	0.0	0.0	0.0	17.9
1st-Term Q (Q1), veh/ln	0.0	0.0	0.0	6.5	0.0	0.0	0.0	4.0
2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.3

3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	0.0	0.0	7.2	0.0	0.0	0.0	4.4
%ile Storage Ratio (RQ%)	0.00	0.00	0.00	0.83	0.00	0.00	0.00	6.14
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Right Lane Group Data								
Assigned Mvmt	0	12	0	14	0	16	0	18
Lane Assignment		T+R		R		T+R		R
Lanes in Grp	0	1	0	1	0	1	0	1
Grp Vol (v), veh/h	0	413	0	43	0	363	0	122
Grp Sat Flow (s), veh/h/ln	0	1753	0	1570	0	1732	0	1565
Q Serve Time (g_s), s	0.0	17.3	0.0	1.0	0.0	14.9	0.0	4.0
Cycle Q Clear Time (g_c), s	0.0	17.3	0.0	1.0	0.0	14.9	0.0	4.0
Prot RT Sat Flow (s_R), veh/h/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prot RT Eff Green (g_R), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop RT Outside Lane (P_R)	0.00	0.33	0.00	1.00	0.00	0.39	0.00	1.00
Lane Grp Cap (c), veh/h	0	556	0	900	0	549	0	668
V/C Ratio (X)	0.00	0.74	0.00	0.05	0.00	0.66	0.00	0.18
Avail Cap (c_a), veh/h	0	556	0	900	0	549	0	668
Upstream Filter (I)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	25.0	0.0	7.7	0.0	24.2	0.0	14.6
Incr Delay (d2), s/veh	0.0	8.7	0.0	0.1	0.0	6.1	0.0	0.6
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	33.7	0.0	7.8	0.0	30.3	0.0	15.2
1st-Term Q (Q1), veh/ln	0.0	6.8	0.0	0.3	0.0	5.8	0.0	1.3
2nd-Term Q (Q2), veh/ln	0.0	1.3	0.0	0.0	0.0	0.9	0.0	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	8.2	0.0	0.3	0.0	6.7	0.0	1.5
%ile Storage Ratio (RQ%)	0.00	4.07	0.00	0.11	0.00	0.40	0.00	2.05
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intersection Summary	
HCM 6th Ctrl Delay	21.8
HCM 6th LOS	C

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	767	0	0	467	0	0
Future Vol, veh/h	767	0	0	467	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	834	0	0	508	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	-	834
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.23
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.319
Pot Cap-1 Maneuver	-	0	0	-	0	367
Stage 1	-	0	0	-	0	-
Stage 2	-	0	0	-	0	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	-	367
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	-	-	-
HCM Lane V/C Ratio	-	-	-
HCM Control Delay (s)	0	-	-
HCM Lane LOS	A	-	-
HCM 95th %tile Q(veh)	-	-	-

Intersection	
Int Delay, s/veh	0.1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	1	0	433	2	2	296
Future Vol, veh/h	1	0	433	2	2	296
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1	0	471	2	2	322

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	798	472	0	0	473	0
Stage 1	472	-	-	-	-	-
Stage 2	326	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	355	592	-	-	1089	-
Stage 1	628	-	-	-	-	-
Stage 2	731	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	354	592	-	-	1089	-
Mov Cap-2 Maneuver	354	-	-	-	-	-
Stage 1	628	-	-	-	-	-
Stage 2	730	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	15.2	0	0.1
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	354	1089	-
HCM Lane V/C Ratio	-	-	0.003	0.002	-
HCM Control Delay (s)	-	-	15.2	8.3	0
HCM Lane LOS	-	-	C	A	A
HCM 95th %tile Q(veh)	-	-	0	0	-

Intersection	
Int Delay, s/veh	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	2	7	428	3	2	295
Future Vol, veh/h	2	7	428	3	2	295
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	8	465	3	2	321

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	792	467	0	0	468	0
Stage 1	467	-	-	-	-	-
Stage 2	325	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	358	596	-	-	1094	-
Stage 1	631	-	-	-	-	-
Stage 2	732	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	357	596	-	-	1094	-
Mov Cap-2 Maneuver	357	-	-	-	-	-
Stage 1	631	-	-	-	-	-
Stage 2	731	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	12.1	0	0.1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	519	1094	-
HCM Lane V/C Ratio	-	-	0.019	0.002	-
HCM Control Delay (s)	-	-	12.1	8.3	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0	-

Movement	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations						
Traffic Volume (veh/h)	758	10	10	468	0	0
Future Volume (Veh/h)	758	10	10	468	0	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	824	11	11	509	0	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)	182					
pX, platoon unblocked			0.76		0.76	0.76
vC, conflicting volume			835		1360	830
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			621		1316	614
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			98		100	100
cM capacity (veh/h)			726		130	372

Direction, Lane #	EB 1	WB 1
Volume Total	835	520
Volume Left	0	11
Volume Right	11	0
cSH	1700	726
Volume to Capacity	0.49	0.02
Queue Length 95th (ft)	0	1
Control Delay (s)	0.0	0.4
Lane LOS		A
Approach Delay (s)	0.0	0.4
Approach LOS		

Intersection Summary			
Average Delay	0.2		
Intersection Capacity Utilization	43.8%	ICU Level of Service	A
Analysis Period (min)	15		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	206	582	39	56	300	112	53	256	122	60	205	131
Future Volume (veh/h)	206	582	39	56	300	112	53	256	122	60	205	131
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q, veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj (A_pbT)	1.00		0.99	1.00		0.99	1.00		0.98	1.00		0.98
Parking Bus Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1863	1863	1863	1863	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	224	633	42	61	326	122	58	278	133	65	223	142
Adj No. of Lanes	1	1	1	1	1	1	1	1	0	1	1	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Opposing Right Turn Influence	Yes			Yes			Yes			Yes		
Cap, veh/h	547	1068	899	356	795	667	223	375	179	192	335	213
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Prop Arrive On Green	0.10	0.57	0.57	0.43	0.43	0.43	0.32	0.32	0.32	0.32	0.32	0.32
Ln Grp Delay, s/veh	13.0	13.7	7.8	19.7	17.9	15.2	35.4	0.0	33.6	39.8	0.0	30.5
Ln Grp LOS	B	B	A	B	B	B	D		C	D		C
Approach Vol, veh/h		899			509			469			430	
Approach Delay, s/veh		13.3			17.5			33.9			31.9	
Approach LOS		B			B			C			C	

Timer:	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6	7	8
Case No		6.0		3.0		6.0	1.2	5.0
Phs Duration (G+Y+Rc), s		30.0		52.0		30.0	12.0	40.0
Change Period (Y+Rc), s		4.0		5.0		4.0	4.0	5.0
Max Green (Gmax), s		26.0		47.0		26.0	8.0	35.0
Max Allow Headway (MAH), s		5.3		5.2		5.3	3.8	5.1
Max Q Clear (g_c+I1), s		21.3		20.0		24.5	7.3	12.7
Green Ext Time (g_e), s		1.2		4.9		0.4	0.0	2.8
Prob of Phs Call (p_c)		1.00		1.00		1.00	1.00	1.00
Prob of Max Out (p_x)		0.00		0.00		0.00	0.00	0.00

Left-Turn Movement Data								
Assigned Mvmt		5				1	7	3
Mvmt Sat Flow, veh/h		1010				970	1774	758

Through Movement Data								
Assigned Mvmt		2		4		6		8
Mvmt Sat Flow, veh/h		1183		1863		1055		1863

Right-Turn Movement Data								
Assigned Mvmt		12		14		16		18
Mvmt Sat Flow, veh/h		566		1568		672		1563

Left Lane Group Data								
Assigned Mvmt	0	5	0	0	0	1	7	3
Lane Assignment							(Pr/Pm)	

Lanes in Grp	0	1	0	0	0	1	1	1
Grp Vol (v), veh/h	0	58	0	0	0	65	224	61
Grp Sat Flow (s), veh/h/ln	0	1010	0	0	0	970	1774	758
Q Serve Time (g_s), s	0.0	4.3	0.0	0.0	0.0	5.3	5.3	4.6
Cycle Q Clear Time (g_c), s	0.0	19.3	0.0	0.0	0.0	22.5	5.3	10.7
Perm LT Sat Flow (s_l), veh/h/ln	0	1010	0	0	0	970	936	758
Shared LT Sat Flow (s_sh), veh/h/ln	0	0	0	0	0	0	0	0
Perm LT Eff Green (g_p), s	0.0	26.0	0.0	0.0	0.0	26.0	37.0	35.0
Perm LT Serve Time (g_u), s	0.0	11.0	0.0	0.0	0.0	8.8	25.0	29.0
Perm LT Q Serve Time (g_ps), s	0.0	4.3	0.0	0.0	0.0	5.3	3.8	4.6
Time to First Blk (g_f), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Serve Time pre Blk (g_fs), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop LT Inside Lane (P_L)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Lane Grp Cap (c), veh/h	0	223	0	0	0	192	547	356
V/C Ratio (X)	0.00	0.26	0.00	0.00	0.00	0.34	0.41	0.17
Avail Cap (c_a), veh/h	0	223	0	0	0	192	547	356
Upstream Filter (I)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
Uniform Delay (d1), s/veh	0.0	32.6	0.0	0.0	0.0	35.0	10.7	18.6
Incr Delay (d2), s/veh	0.0	2.8	0.0	0.0	0.0	4.7	2.3	1.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	35.4	0.0	0.0	0.0	39.8	13.0	19.7
1st-Term Q (Q1), veh/ln	0.0	1.2	0.0	0.0	0.0	1.4	2.6	1.0
2nd-Term Q (Q2), veh/ln	0.0	0.2	0.0	0.0	0.0	0.3	0.3	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00
%ile Back of Q (50%), veh/ln	0.0	1.4	0.0	0.0	0.0	1.7	2.9	1.1
%ile Storage Ratio (RQ%)	0.00	0.65	0.00	0.00	0.00	0.65	0.92	1.51
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Middle Lane Group Data								
Assigned Mvmt	0	2	0	4	0	6	0	8
Lane Assignment				T				T
Lanes in Grp	0	0	0	1	0	0	0	1
Grp Vol (v), veh/h	0	0	0	633	0	0	0	326
Grp Sat Flow (s), veh/h/ln	0	0	0	1863	0	0	0	1863
Q Serve Time (g_s), s	0.0	0.0	0.0	18.0	0.0	0.0	0.0	10.0
Cycle Q Clear Time (g_c), s	0.0	0.0	0.0	18.0	0.0	0.0	0.0	10.0
Lane Grp Cap (c), veh/h	0	0	0	1068	0	0	0	795
V/C Ratio (X)	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.41
Avail Cap (c_a), veh/h	0	0	0	1068	0	0	0	795
Upstream Filter (I)	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	0.0	0.0	11.3	0.0	0.0	0.0	16.3
Incr Delay (d2), s/veh	0.0	0.0	0.0	2.4	0.0	0.0	0.0	1.6
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	0.0	0.0	13.7	0.0	0.0	0.0	17.9
1st-Term Q (Q1), veh/ln	0.0	0.0	0.0	9.1	0.0	0.0	0.0	5.1

2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.3
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	0.0	0.0	9.9	0.0	0.0	0.0	5.4
%ile Storage Ratio (RQ%)	0.00	0.00	0.00	1.13	0.00	0.00	0.00	7.64
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Right Lane Group Data								
Assigned Mvmt	0	12	0	14	0	16	0	18
Lane Assignment		T+R		R		T+R		R
Lanes in Grp	0	1	0	1	0	1	0	1
Grp Vol (v), veh/h	0	411	0	42	0	365	0	122
Grp Sat Flow (s), veh/h/ln	0	1749	0	1568	0	1728	0	1563
Q Serve Time (g_s), s	0.0	17.2	0.0	1.0	0.0	15.0	0.0	4.0
Cycle Q Clear Time (g_c), s	0.0	17.2	0.0	1.0	0.0	15.0	0.0	4.0
Prot RT Sat Flow (s_R), veh/h/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prot RT Eff Green (g_R), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop RT Outside Lane (P_R)	0.00	0.32	0.00	1.00	0.00	0.39	0.00	1.00
Lane Grp Cap (c), veh/h	0	555	0	899	0	548	0	667
V/C Ratio (X)	0.00	0.74	0.00	0.05	0.00	0.67	0.00	0.18
Avail Cap (c_a), veh/h	0	555	0	899	0	548	0	667
Upstream Filter (I)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
Uniform Delay (d1), s/veh	0.0	25.0	0.0	7.7	0.0	24.2	0.0	14.6
Incr Delay (d2), s/veh	0.0	8.7	0.0	0.1	0.0	6.3	0.0	0.6
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	33.6	0.0	7.8	0.0	30.5	0.0	15.2
1st-Term Q (Q1), veh/ln	0.0	8.2	0.0	0.4	0.0	7.1	0.0	1.7
2nd-Term Q (Q2), veh/ln	0.0	1.3	0.0	0.0	0.0	1.0	0.0	0.1
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	9.6	0.0	0.4	0.0	8.1	0.0	1.8
%ile Storage Ratio (RQ%)	0.00	4.49	0.00	0.15	0.00	0.47	0.00	2.55
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intersection Summary	
HCM 2010 Ctrl Delay	21.9
HCM 2010 LOS	C

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	767	0	0	469	0	3
Future Vol, veh/h	767	0	0	469	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Stop
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	834	0	0	510	0	3

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	-	-	-	-	834
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.23
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.319
Pot Cap-1 Maneuver	-	0	0	-	0	367
Stage 1	-	0	0	-	0	-
Stage 2	-	0	0	-	0	-
Platoon blocked, %	-			-		
Mov Cap-1 Maneuver	-	-	-	-	-	367
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	14.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	WBT
Capacity (veh/h)	367	-	-
HCM Lane V/C Ratio	0.009	-	-
HCM Control Delay (s)	14.9	-	-
HCM Lane LOS	B	-	-
HCM 95th %tile Q(veh)	0	-	-

Intersection	
Int Delay, s/veh	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	3	5	428	3	6	295
Future Vol, veh/h	3	5	428	3	6	295
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	3	5	465	3	7	321

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	802	467	0	0	468	0
Stage 1	467	-	-	-	-	-
Stage 2	335	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	353	596	-	-	1094	-
Stage 1	631	-	-	-	-	-
Stage 2	725	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	350	596	-	-	1094	-
Mov Cap-2 Maneuver	350	-	-	-	-	-
Stage 1	631	-	-	-	-	-
Stage 2	719	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	12.8	0	0.2
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	472	1094	-
HCM Lane V/C Ratio	-	-	0.018	0.006	-
HCM Control Delay (s)	-	-	12.8	8.3	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0	-

Movement	EBT	EBR	WBL	WBT	NEL	NER
Lane Configurations						
Traffic Volume (veh/h)	759	10	10	469	0	0
Future Volume (Veh/h)	759	10	10	469	0	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	825	11	11	510	0	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)	182					
pX, platoon unblocked			0.76		0.76	0.76
vC, conflicting volume			836		1362	830
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			623		1318	615
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			98		100	100
cM capacity (veh/h)			725		129	372

Direction, Lane #	EB 1	WB 1
Volume Total	836	521
Volume Left	0	11
Volume Right	11	0
cSH	1700	725
Volume to Capacity	0.49	0.02
Queue Length 95th (ft)	0	1
Control Delay (s)	0.0	0.4
Lane LOS		A
Approach Delay (s)	0.0	0.4
Approach LOS		

Intersection Summary			
Average Delay	0.2		
Intersection Capacity Utilization	43.9%	ICU Level of Service	A
Analysis Period (min)	15		

APPENDIX C

Self Storage Facility Usage Data

DATE	# E	# T	2 in 15	3 IN 15	
	Employees	# Tenants	# X 15 minutes	# X 15 minutes	# of parking Space needed
Saturday, July 1, 2017	1	10	5	1	4
Sunday, July 2, 2017	1	4	2	0	3
Monday, July 3, 2017	1	6	4	0	3
Tuesday, July 4, 2017	0	3	0	0	1
Wednesday, July 5, 2017	2	11	2	0	4
Thursday, July 6, 2017	2	12	5	0	4
Friday, July 7, 2017	2	13	3	3	5
Saturday, July 8, 2017	2	12	3	3	5
Sunday, July 9, 2017	2	11	3	1	5
Monday, July 10, 2017	1	6	1	0	3
Tuesday, July 11, 2017	2	15	3	0	4
Wednesday, July 12, 2017	1	4	0	0	2
Thursday, July 13, 2017	1	14	1	1	4
Friday, July 14, 2017	1	10	2	0	3
Saturday, July 15, 2017	1	11	4	1	4
Sunday, July 16, 2017	1	9	1	0	3
Monday, July 17, 2017	1	21	4	3	4
Tuesday, July 18, 2017	1	16	6	1	4
Wednesday, July 19, 2017	2	10	1	1	5
Thursday, July 20, 2017	1	8	1	1	4
Friday, July 21, 2017	2	9	3	0	4
Saturday, July 22, 2017	1	11	1	0	3
Sunday, July 23, 2017	2	9	3	1	5
Monday, July 24, 2017	1	10	1	0	3
Tuesday, July 25, 2017	1	14	4	0	3
Wednesday, July 26, 2017	2	9	5	0	4
Thursday, July 27, 2017	2	11	3	0	4
Friday, July 28, 2017	2	10	1	1	5
Saturday, July 29, 2017	1	11	1	0	3
Sunday, July 30, 2017	1	7	0	0	2
Monday, July 31, 2017	1	9	3	0	3

DATE	# E (Employees)	# T (# Tenants)	2 in 15 (# X 15 minutes)	3 IN 15 (# X 15 minutes)	(# of parking Space needed)
Tuesday, August 1, 2017	2	13	4	0	4
Wednesday, August 2, 2017	2	9	1	0	4
Thursday, August 3, 2017	1	10	6	0	3
Friday, August 4, 2017	1	8	0	1	4
Saturday, August 5, 2017	2	8	1	1	5
Sunday, August 6, 2017	1	7	0	1	4
Monday, August 7, 2017	2	5	1	0	4
Tuesday, August 8, 2017	2	7	1	0	4
Wednesday, August 9, 2017	1	9	3	2	4
Thursday, August 10, 2017	1	7	1	0	3
Friday, August 11, 2017	2	5	0	0	3
Saturday, August 12, 2017	2	7	3	0	4
Sunday, August 13, 2017	1	6	0	0	2
Monday, August 14, 2017	1	8	3	0	3
Tuesday, August 15, 2017	2	6	0	0	3
Wednesday, August 16, 2017	1	5	1	0	3
Thursday, August 17, 2017	1	4	0	0	2
Friday, August 18, 2017	1	4	0	0	2
Saturday, August 19, 2017	2	8	3	0	4
Sunday, August 20, 2017	1	7	1	0	3
Monday, August 21, 2017	1	7	1	0	3
Tuesday, August 22, 2017	1	10	1	1	4
Wednesday, August 23, 2017	1	6	1	0	3
Thursday, August 24, 2017	1	6	1	0	3

APPENDIX D

Institute of Transportation Engineers Trip Generation and Parking Generation Data

Trip Generation Manual

10th Edition • Volume 2: Data

Industrial (Land Uses 100–199)

SEPTEMBER 2017
INSTITUTE OF TRANSPORTATION ENGINEERS

Land Use: 151
Mini-Warehouse

Description

A mini-warehouse is a building in which a number of storage units or vaults are rented for the storage of goods. They are typically referred to as "self-storage" facilities. Each unit is physically separated from other units, and access is usually provided through an overhead door or other common access point.

Additional Data

Time-of-day distribution data for this land use are presented in Appendix A. For the 10 general urban/suburban sites with data, the overall highest vehicle volumes during the AM and PM on a weekday were counted between 10:30 and 11:30 a.m. and 1:15 and 2:15 p.m., respectively.

The sites were surveyed in the 1980s, the 1990s, the 2000s, and the 2010s in California, Colorado, Massachusetts, Minnesota, New Jersey, Texas, and Utah.

Source Numbers

212, 403, 551, 568, 642, 708, 724, 850, 868, 876

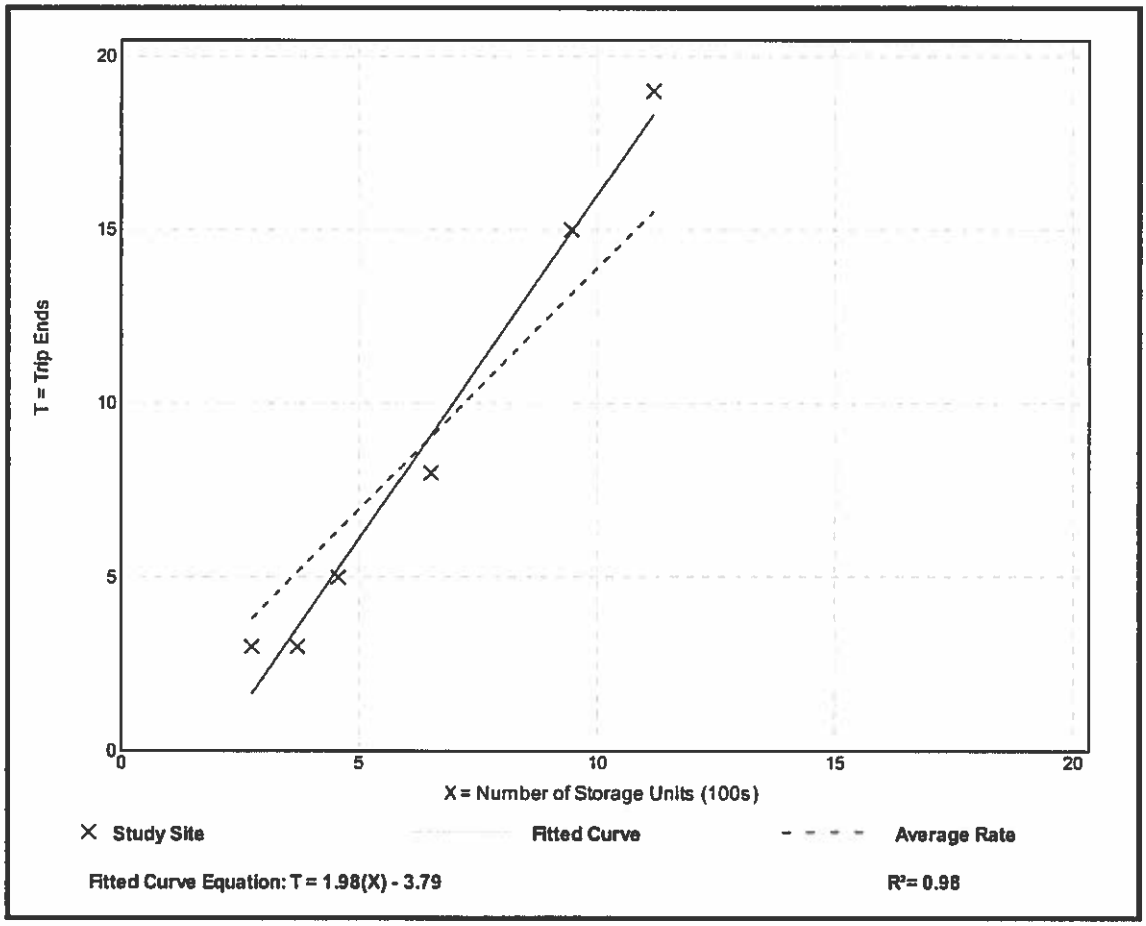
Mini-Warehouse
(151)

Vehicle Trip Ends vs: **Storage Units (100s)**
On a: **Weekday,**
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.
Setting/Location: **General Urban/Suburban**
Number of Studies: 6
Avg. Num. of Storage Units (100s): 6
Directional Distribution: 51% entering, 49% exiting

Vehicle Trip Generation per Storage Unit (100s)

Average Rate	Range of Rates	Standard Deviation
1.39	0.81 - 1.70	0.33

Data Plot and Equation



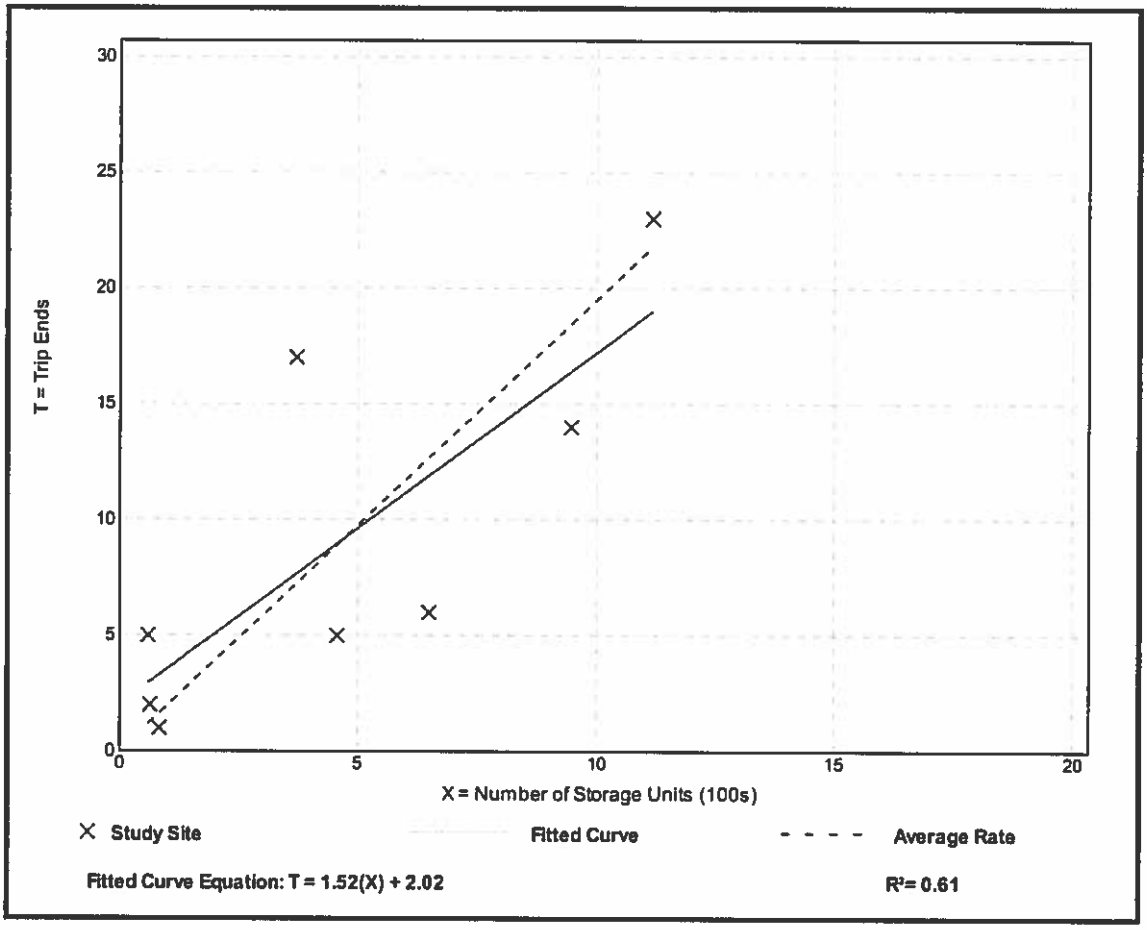
Mini-Warehouse
(151)

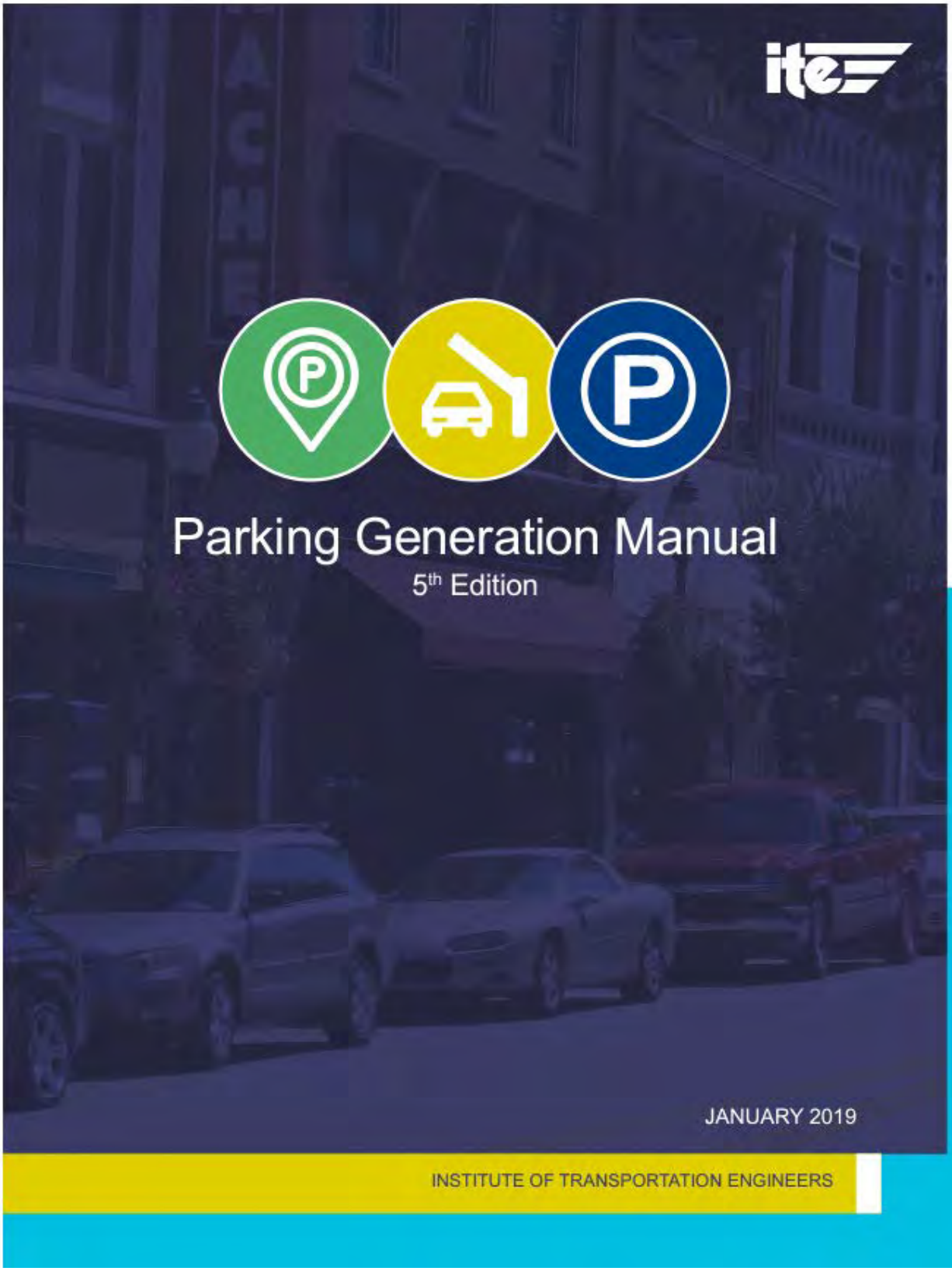
Vehicle Trip Ends vs: **Storage Units (100s)**
On a: **Weekday,**
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.
Setting/Location: **General Urban/Suburban**
Number of Studies: 8
Avg. Num. of Storage Units (100s): 5
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Storage Unit (100s)

Average Rate	Range of Rates	Standard Deviation
1.95	0.92 - 8.33	1.40

Data Plot and Equation





Parking Generation Manual

5th Edition

JANUARY 2019

INSTITUTE OF TRANSPORTATION ENGINEERS

Land Use: 151 Mini-Warehouse

Description

A mini-warehouse is a building in which a number of storage units or vaults are rented for the storage of goods. They are typically referred to as "self-storage" facilities. Each unit is physically separated from other units, and access is usually provided through an overhead door or other common access point.

Time of Day Distribution for Parking Demand

The following table presents a time-of-day distribution of parking demand on a weekday (nine study sites) and a Saturday (one study site) in a general urban/suburban setting.

	Percent of Peak Parking Demand	
Hour Beginning	Weekday	Saturday
12:00–4:00 a.m.	0	–
5:00 a.m.	0	–
6:00 a.m.	0	–
7:00 a.m.	0	–
8:00 a.m.	14	–
9:00 a.m.	71	–
10:00 a.m.	50	–
11:00 a.m.	79	–
12:00 p.m.	57	–
1:00 p.m.	64	91
2:00 p.m.	64	27
3:00 p.m.	79	55
4:00 p.m.	71	100
5:00 p.m.	100	91
6:00 p.m.	14	27
7:00 p.m.	0	0
8:00 p.m.	0	–
9:00 p.m.	0	–
10:00 p.m.	0	–
11:00 p.m.	0	–

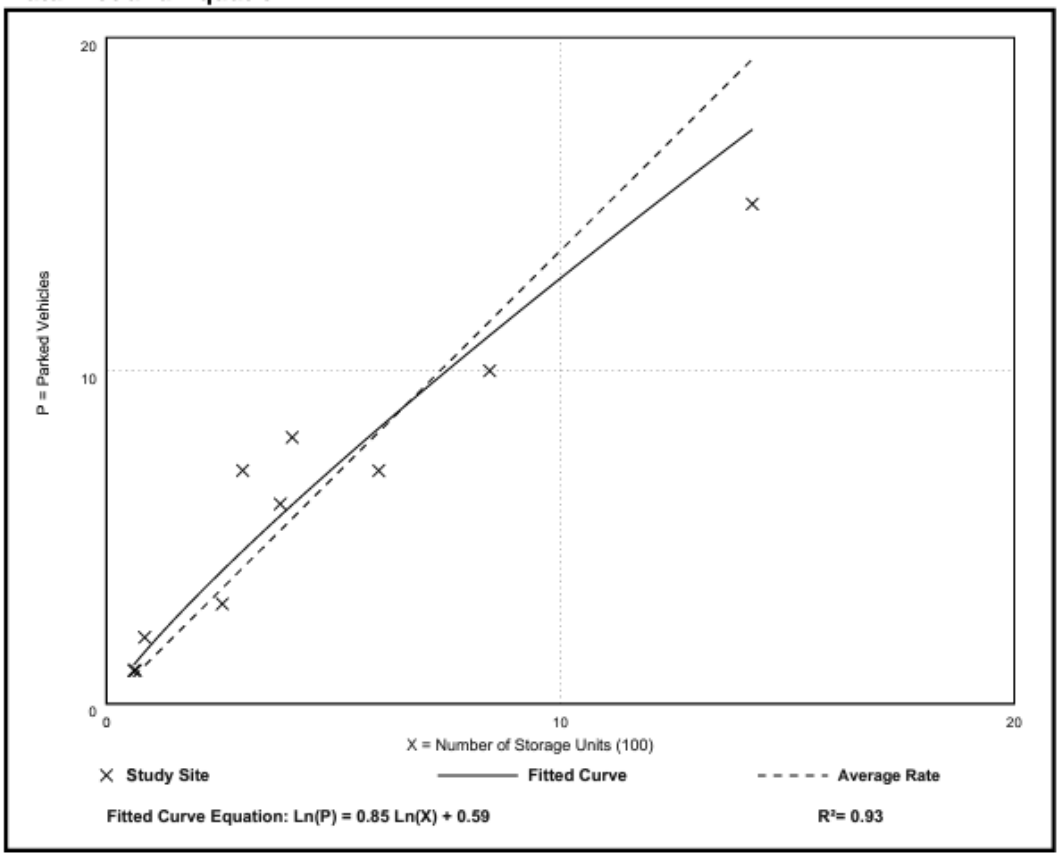
Mini-Warehouse
(151)

Peak Period Parking Demand vs: Storage Units (100)
On a: Weekday (Monday - Friday)
Setting/Location: General Urban/Suburban
Peak Period of Parking Demand: 4:00 - 6:00 p.m.
Number of Studies: 10
Avg. Num. of Storage Units (100): 4.4

Peak Period Parking Demand per Storage Unit (100)

Average Rate	Range of Rates	33rd / 85th Percentile	95% Confidence Interval	Standard Deviation (Coeff. of Variation)
1.36	1.05 - 2.38	1.18 / 2.35	***	0.43 (32%)

Data Plot and Equation



APPENDIX E

Traffic Count Sheets

Traffic Count (11/21/17)								
Peak AM - 7:30 - 8:30 AM								
Southern Driveway				Northern Driveway				Fenimore Driveway
Enter		Exit		Enter		Exit		Exit
Right	Left	Right	Left	Right	Left	Right	Left	Right
0	8	2	0	2	2	1	4	7
			Peak PM - 4:45 - 5:45 PM					
Southern Driveway				Northern Driveway				Fenimore Driveway
Enter		Exit		Enter		Exit		Exit
Right	Left	Right	Left	Right	Left	Right	Left	Right
3	2	7	2	2	2	0	1	0

File Name: Fenimore Rd and Waverly Ave - AM Peak
Start Date: 9/20/2016
Start Time: 7:00:00 AM
Site Code: 11111101
Comment 1: Job No.
Comment 2: Project
Comment 3: Location
Comment 4:

	Southbound				Westbound				Northbound				Eastbound			
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds
07:00 AM	8	22	23	5	12	41	2	0	10	14	19	9	29	63	15	11
07:15 AM	21	48	24	6	13	55	16	5	13	45	18	4	34	125	13	3
07:30 AM	22	59	32	5	16	71	18	3	7	59	31	4	62	125	9	6
07:45 AM	24	62	44	4	19	87	30	2	12	56	40	3	52	152	9	4
08:00 AM	13	64	37	0	8	90	27	0	14	59	31	1	49	145	12	2
08:15 AM	9	37	25	0	16	59	28	0	9	74	30	3	46	141	8	1
08:30 AM	12	34	21	1	10	55	24	2	16	60	19	1	53	127	10	2
08:45 AM	10	38	44	4	24	68	16	1	12	65	27	0	32	126	8	1
09:00 AM	14	49	25	1	8	45	19	1	29	109	9	0	7	28	21	1

File Name: Fenimore Rd and Waverly Ave - PM Peak
Start Date: 9/20/2016
Start Time: 4:00:00 PM
Site Code: 11111102
Comment 1: Job No.
Comment 2: Project
Comment 3: Location
Comment 4:

	Southbound				Westbound				Northbound				Eastbound			
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds
04:00 PM	9	34	30	1	14	111	19	0	8	63	20	1	47	76	9	0
04:15 PM	10	49	37	4	15	67	21	3	6	58	17	8	41	105	4	5
04:30 PM	7	51	41	4	21	68	10	1	17	61	36	4	34	115	10	0
04:45 PM	9	42	35	5	17	77	17	4	18	53	30	4	43	95	10	0
05:00 PM	8	42	19	3	24	104	26	2	16	60	44	0	47	110	6	5
05:15 PM	4	37	27	0	20	78	24	0	14	59	17	2	47	105	5	0
05:30 PM	12	38	45	4	18	68	11	0	13	63	23	1	36	98	9	1
05:45 PM	14	48	22	0	14	67	18	1	8	41	18	3	35	104	5	0
06:00 PM	7	45	25	1	22	52	10	1	12	53	14	0	45	91	2	1

Appendix E

Sewer & Water Calculations

HUDSON ENGINEERING & CONSULTING, P.C.

Proposed Water and Sewer Load Calculations

The proposed building is with four bathrooms, 1 service sink and 1 water fountain. Based upon the New York State Plumbing Code, Appendix E, the existing buildings to be removed and the storage building is utilizing an estimated 32 (public) water supply fixture units (wsfu) (see calculation below). The peak flow rate for the facility is estimated at 24.9 gpm.

Based upon the New York State Department of Environmental Conservation's Design Standards for Intermediate Sized Wastewater Treatment Systems (2014), the Expected Hydraulic daily Loading is 15 gallons per person per day per shift ("office"). It is anticipated that there will be 1-shift of 17-employee at the facility; therefore, The Total Daily Hydraulic Loading is 255 gallons per day.

WATER FIXTURE LOADING
BASED UPON PLUMBING CODE OF NEW YORK STATE
TABLE E101B

FIXTURE	OCCUPANCY	TYPE OF SUPPLY CONTROL	LOAD VALUES, IN WATER SUPPLY FIXTURE UNITS (wsfu)			QUANTITY	TOTAL LOAD VALUE
			Cold	Hot	Total		
Bathroom group	Private	Flush tank	2.7	1.5	3.6		0
Bathroom group	Private	Flush valve	6	3	8		0
Bathtub	Private	Faucet	1	1	1.4		0
Bathtub	Public	Faucet	3	3	4		0
Bidet	Private	Faucet	1.5	1.5	2		0
Combination fixture	Private	Faucet	2.25	2.25	3		0
Dishwashing machine	Private	Automatic	—	1.4	1.4		0
Drinking fountain	Offices, etc.	3/8" valve	0.25	—	0.25	1	0.25
Kitchen sink	Private	Faucet	1	1	1.4		0
Kitchen sink	Hotel, restaurant	Faucet	3	3	4		0
Laundry trays (1 to 3)	Private	Faucet	1	1	1.4		0
Lavatory	Private	Faucet	0.5	0.5	0.7		0
Lavatory	Public	Faucet	1.5	1.5	2	4	8
Service sink	Offices, etc.	Faucet	2.25	2.25	3	1	3
Shower head	Public	Mixing valve	3	3	4		0
Shower head	Private	Mixing valve	1	1	1.4		0
Urinal	Public	1" flush valve	10	—	10		0
Urinal	Public	3/4" flush valve	5	—	5		0
Urinal	Public	Flush tank	3	—	3		0
Washing machine (8 lb)	Private	Automatic	1	1	1.4		0
Washing machine (8 lb)	Public	Automatic	2.25	2.25	3		0
Washing machine (15 lb)	Public	Automatic	3	3	4		0
Water closet	Private	Flush valve	6	—	6		0
Water closet	Private	Flush tank	2.2	—	2.2		0
Water closet	Public	Flush valve	10	—	10		0
Water closet	Public	Flush tank	5	—	5	4	20
Water closet	Public or private	Flushometer tank	2	—	2		0
					TOTAL LOAD FOR DEVELOPMENT (wsfu)		**31.25**

HUDSON ENGINEERING & CONSULTING, P.C.

Existing Water and Sewer Load Calculations

The existing buildings to be removed and the existing storage facility have a total of 6 bathrooms, 2 service sinks, and 1 kitchen sink. Based upon the New York State Plumbing Code, Appendix E, the building is utilizing an estimated 42 (public) water supply fixture units (wsfu) (see attached calculation). The peak flow rate for the facility is estimated at 27.7 gpm.

Based upon the New York State Department of Environmental Conservation's Design Standards for Intermediate Sized Wastewater Treatment Systems (2014), the Expected Hydraulic daily Loading is 15 gallons per person per day per shift ("office"). The existing employee load for the entire facility is 26; therefore, The Total Daily Hydraulic Loading is 390 gallons per day.

WATER FIXTURE LOADING
BASED UPON PLUMBING CODE OF NEW YORK STATE
TABLE E101B

FIXTURE	OCCUPANCY	TYPE OF SUPPLY CONTROL	LOAD VALUES, IN WATER SUPPLY FIXTURE UNITS (wsfu)			QUANTITY	TOTAL LOAD VALUE
			Cold	Hot	Total		
Bathroom group	Private	Flush tank	2.7	1.5	3.6		0
Bathroom group	Private	Flush valve	6	3	8		0
Bathtub	Private	Faucet	1	1	1.4		0
Bathtub	Public	Faucet	3	3	4		0
Bidet	Private	Faucet	1.5	1.5	2		0
Combination fixture	Private	Faucet	2.25	2.25	3		0
Dishwashing machine	Private	Automatic	—	1.4	1.4		0
Drinking fountain	Offices, etc.	3/8" valve	0.25	—	0.25		0
Kitchen sink	Private	Faucet	1	1	1.4		0
Kitchen sink	Hotel, restaurant	Faucet	3	3	4		1
Laundry trays (1 to 3)	Private	Faucet	1	1	1.4		0
Lavatory	Private	Faucet	0.5	0.5	0.7		0
Lavatory	Public	Faucet	1.5	1.5	2	5	10
Service sink	Offices, etc.	Faucet	2.25	2.25	3	2	6
Shower head	Public	Mixing valve	3	3	4		0
Shower head	Private	Mixing valve	1	1	1.4		0
Urinal	Public	1" flush valve	10	—	10		0
Urinal	Public	3/4" flush valve	5	—	5		0
Urinal	Public	Flush tank	3	—	3		0
Washing machine (8 lb)	Private	Automatic	1	1	1.4		0
Washing machine (8 lb)	Public	Automatic	2.25	2.25	3		0
Washing machine (15 lb)	Public	Automatic	3	3	4		0
Water closet	Private	Flush valve	6	—	6		0
Water closet	Private	Flush tank	2.2	—	2.2		0
Water closet	Public	Flush valve	10	—	10		0
Water closet	Public	Flush tank	5	—	5	5	25
Water closet	Public or private	Flushometer tank	2	—	2		0
					TOTAL LOAD FOR DEVELOPMENT (wsfu)		**42**

Appendix F

Flood Storage Analysis

HUDSON ENGINEERING & CONSULTING, P.C.

October 4, 2022

David Neufeld, Chairman
Zoning Board of Appeals
Village of Mamaroneck
Village Hall (Third Floor)
169 Mt. Pleasant Avenue
Mamaroneck, New York 10543

Re: Site Plan Review
416 Waverly Avenue (560 Fenimore Avenue)
Village of Mamaroneck

Dear Mr. Neufeld,

Regarding the above referenced application, the information below was updated from our offices original letter dated January 14, 2019 based upon the current site/building layout.

The grading on the subject site was performed to replicate the existing storage capacity of flood waters on the site. As verified by the charts below, in the proposed condition the storage of flood water on site increases. Therefore, this development does not negatively impact the elevation of flood water in the area, and in fact it results in a theoretical decrease in the flood elevation.

Volumetric Analysis - Existing Conditions			
Elevation	Surface Area	Incremental Storage (Cubic Feet)	Cumulative Storage (Cubic Feet)
21	0	0	0
22	235	118	118
23	2,422	1,329	1,446
24	9,523	5,973	7,419
25	13,802	11,663	19,081
26	17,092	15,447	34,528

45 Knollwood Road –Suite 201 - Elmsford, NY 10523 (914) 909-0420 Fax (914) 560-2086

HUDSON
ENGINEERING
&
CONSULTING, P.C.

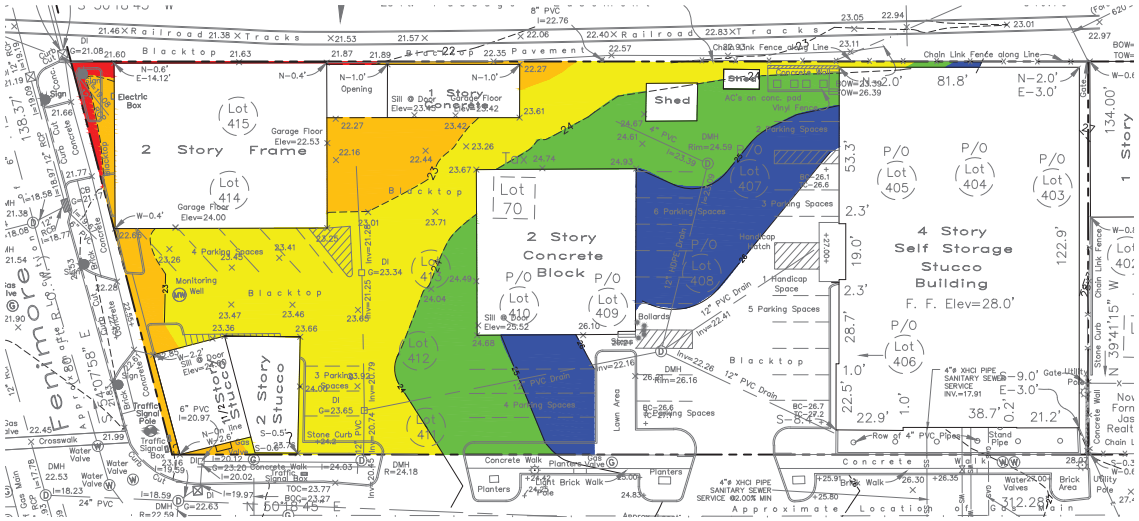
Volumetric Analysis - Proposed Conditions			
Elevation	Surface Area	Incremental Storage (Cubic Feet)	Cumulative Storage (Cubic Feet)
21	0	0	0
22	1,764	873	873
23	7,578	4,662	5,534
24	17,669	12,624	18,158
25	24,462	21,066	39,223
26	28,330	26,396	65,619

Refer to the attached volumetric analysis (Sheet C-5).

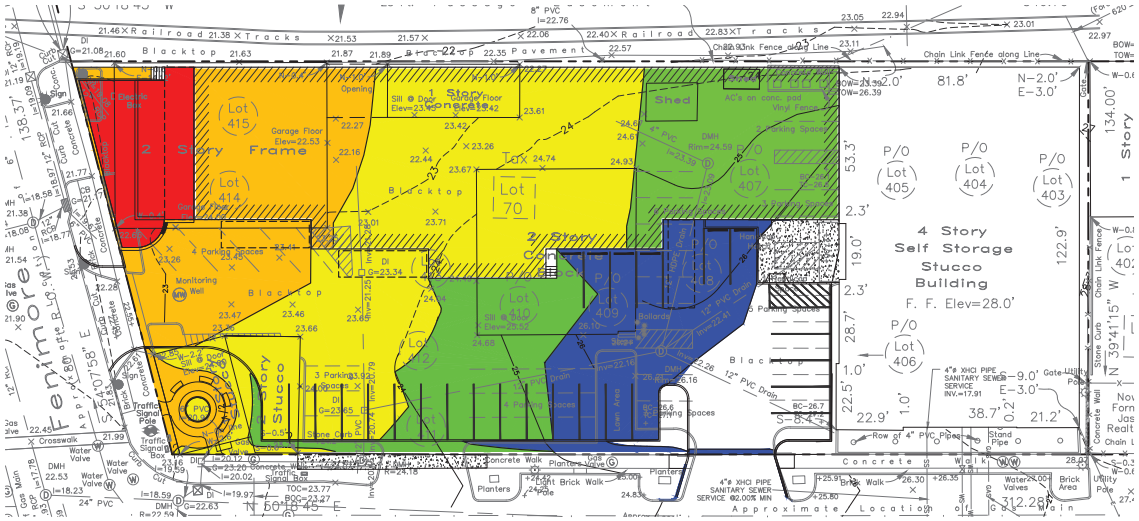
If you should have any additional questions or comments, please do not hesitate to contact our office at (914) 909-0420.

Sincerely,

Thomas Kohany
Project Engineer



EXISTING SITE COVERAGE
SCALE: 1"=20'



PROPOSED SITE COVERAGE
SCALE: 1"=20'

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

No.	Revisions	Date
1.	REVISED PER TOWN COMMENTS	2-26-19
2.	REVISED PER ENGINEERING CONSULTANT'S COMMENTS	3-11-20
3.	REVISED PER ENGINEERING CONSULTANT'S COMMENTS	4-8-20
4.	ADDITIONAL FLOOR STORAGE IN BUILDING ADDITION	4-20-22

THIS PLAN NOT TO BE USED FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE

PROJECT:
SELF STORAGE BUILDING ADDITION
560 FENIMORE ROAD
VILLAGE OF MAMARONECK
WESTCHESTER COUNTY – NEW YORK

VOLUMETRIC CALCULATIONS

HEC
HUDSON ENGINEERING & CONSULTING, P.C.
45 Knollwood Road – Suite 201
Elmsford, New York 10523
T: 914-909-0420
F: 914-560-2086
© 2018

Date: 2/5/18 Sheet: 5
Scale: 1" = 20' of 8
Designed By: D.C.
Checked By: M.S.
Sheet No.
C-5

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

Appendix G

Phase I Environmental Site Assessment

PHASE I
ENVIRONMENTAL SITE ASSESSMENT

416 WAVERLY AVENUE
MAMARONECK, NEW YORK

PREPARED FOR:

MR. CHRISTOPHER H. MURPHY
EAST COAST NORTH PROPERTIES, LLC

PREPARED BY:

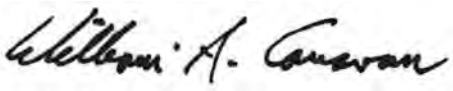
HYDROENVIRONMENTAL SOLUTIONS, INC.
ENVIRONMENTAL CONSULTANTS
ONE DEANS BRIDGE ROAD
SOMERS, NEW YORK 10589
(914) 276-2560
wcanavan@hesny.com

September 30, 2019

Prepared by:

Richard J. DePolo
Geologist/Hydrogeologist

Reviewed by:



William A. Canavan, PG, LSRP
President

HydroEnvironmental
SOLUTIONS, INC.
One Deans Bridge Road Somers, New York 10589

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1 INTRODUCTION

HydroEnvironmental Solutions, Inc. (HES) was retained by Mr. Christopher H. Murphy to complete a Phase I Environmental Site Assessment (ESA) at 416 Waverly Avenue in Mamaroneck, New York (the SITE) (**Figure 1**). This ESA was prepared in conformance with the ASTM International (ASTM) Standard Practice E 1527-13 for Phase I ESAs, which meets the requirements of the U.S. Environmental Protection Agency (EPA) Standards and Practices for All Appropriate Inquiries (AAI); Final Rule (40 CFR Part 312).

The report was completed by Richard J. DePolo, and William A. Canavan of HES. The site visit and walk through was completed by Richard J. DePolo, an HES Hydrogeologist, and William A. Canavan, an HES Professional Geologist (PG) and Licensed Site Remediation Professional (LSRP). Resumes for these staff are provided in **Appendix 1** to demonstrate their qualifications to perform this work.

No Phase I ESA can wholly eliminate uncertainty regarding the potential for recognized environmental conditions (RECs)[1] in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with the SITE, and this practice recognizes reasonable limits of time and cost. To the extent possible, this Phase I ESA presents a concise summary that qualitatively identifies potential environmental liability and provides HES' professional opinions relative to the identified RECs so that informed business decisions may be made regarding the SITE. If the findings from this Phase I ESA indicate or reasonably imply that environmentally regulated materials are affecting the SITE, then the need for additional testing to evaluate the scope, location, source, and nature of any release or threat of release is included as a recommendation. In contrast, the Phase I ESA may also conclude that the likelihood of environmental problems is not significant and that there is no evidence of RECs in connection with the SITE. The benefit of the completed Phase I ESA is that any new owner would be eligible for the *bona fide* prospective purchaser liability protection.

HES' standard Scope of Work for Phase I ESA's can be divided into the following broad categories: Records Review; SITE Reconnaissance; Interviews; and Reporting as seen in **Appendix 2**. However, the following report is subdivided further so that it generally conforms to the recommended report format provided in ASTM Practice E 1527-13.

[1] See *Recognized Environmental Condition* - the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with the law Section 17 – References; Page 22.

2 USER PROVIDED INFORMATION

In accordance with ASTM E 1527-13, the user(s) of this report was interviewed concerning their responsibilities under ASTM E 1527-13 Chapter 6. For this Phase I ESA, Christopher Murphy was interviewed. The following subsections summarize the information that the user of this report provided to demonstrate that they met their responsibilities under ASTM E 1527-13.

2.1 Reason For Performing Phase I ESA

It is our understanding that the Phase I ESA is being performed prior to proposed redevelopment of the property. However, one element of the program is that the buyer completes a Phase I ESA to satisfy one of the requirements for meeting the *bona fide* prospective purchaser Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability protection.

2.2 Appraisal Evaluation

The user did not provide HES with any information regarding the appraisal of the subject property.

2.3 Specialized Knowledge

The user has no additional specialized knowledge as it relates to the identification of RECs.

2.4 Commonly Known or Reasonably Ascertainable Information

The user reported that the property was a former lumber yard, dating back to approximately 1920.

2.5 Title Records

Full chain-of-title records were not provided within the time constraints of this Phase I ESA. However, it is HES' opinion that an adequate history of the SITE was able to be obtained from other historical sources. As such, the lack of title records was not determined to represent a significant data gap.

2.6 Environmental Liens or Activity Use Limitations

A third party, such as a state or federal governmental agency, may place environmental liens on a property in order to recover clean-up costs that were incurred by the party. The existence of a recorded environmental clean-up lien on a property is an indication that environmental conditions either currently exist or previously existed on a property. Activity or land use restrictions for a property

may be placed on the property deed to prevent exposure to hazardous or contaminated materials. The existence of an environmental clean-up lien or activity/land use restrictions could be considered an indicator of potential environmental concerns and could be a basis for additional environmental investigations on a property to determine the potential existence of ongoing or continued releases of hazardous substances or petroleum products.

HES did not identify any environmental liens or activity use limitations as a part of the research conducted for this Phase I ESA.

2.7 Significant Assumptions

HES assumes all information regarding the site conditions and history of the property provided by the current owners and their representatives, and all interviewees; and all information and records obtained from governmental agencies and Environmental Data Resources, Inc. (EDR) to be complete and accurate.

3 SUMMARY OF PRIOR ENVIRONMENTAL REPORTS

There was an underground storage tank (UST) removed from the SITE by Northeast Environmental in November 2003. A limited groundwater investigation followed, and resulted in no impacts to groundwater,

A spill closure report was completed by ATC Associates, Inc. (ATC) in February 2004 for a removed 550-gallon UST on SITE. The spill was closed administratively by the New York State Department of Environmental Conservation (NYSDEC) on March 23, 2004. The report is included in **Appendix 3**.

There was a subsurface investigation conducted by Melick-Tully and Associates, P.C (Melick-Tully) in February 2014 to determine the type of foundation for a proposed 4-story building, and to determine if the soils beneath the SITE are of a suitable composition to support a foundation slab. It was determined from the subsurface investigation that the soil below is suitable for the proposed building structure. This report is included in **Appendix 3**.

A subsurface investigation was conducted on April 30, 2019 by HydroEnvironmental Solutions, Inc. (HES) to assess the soil/fill quality beneath the site for disposal purposes. Soil samples were collected via soil borings and sent to a New York State certified laboratory to test for the presence of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). It was determined that none of the soil tested had exceedances for VOCs or SVOCs for their respective NYSDEC Commercial Use Soil Cleanup Objectives (SCOs). This report is included in **Appendix 3**.

4 SITE DESCRIPTION

The subject SITE consists of an approximately 1.05-acre property located in Mamaroneck, New York. The SITE consists of two 2-story commercial office buildings, one four-story commercial self-storage building, one 3-story commercial storage barn, and one 2-story commercial building. The 2-story building cornering Waverly Avenue and Fenimore Road was built in 1970 and has a total footprint of approximately 3,800 square feet. The four-story storage building was built in 2015 and has a footprint of approximately 40,400 square feet. The two-story concrete-block office building in the center of the property was built in approximately 1900 and has a footprint of approximately 5,500 square feet. The 3-story commercial barn building was built in approximately 1920 and has a footprint of approximately 8,400 square feet. The 2-story commercial side building, adjacent to the barn, was built in approximately 1900 and has a footprint of 1,700 square feet.

Commercial properties surround the subject property to the north, south, east, and west. Photographs of the subject property are included in **Appendix 4**.

The general location of the SITE is depicted on **Figure 1**. An aerial photograph showing the SITE and surrounding land use is included as **Figure 2**.

4.1 SITE Location

The SITE latitude and longitude coordinates are 40° 56’ 59.57’’ North and 73° 44’ 34.42” West. **Figure 1** shows the general location of the SITE in Mamaroneck, New York.

Present Ownership and Use

The SITE is currently a commercial area owned by East Coast North Properties, LLC; it was purchased in 2001. At the time of inspection, there were 5 buildings and a parking lot on-SITE.

4.2 SITE Improvements

Structures

The SITE consists of one 2-story stucco commercial office building built in approximately 1970, one 2-story concrete-block commercial office building built in approximately 1900, one 4-story commercial self-storage building built in 2015, one 3-story commercial storage barn built in approximately 1920 and one 2-story concrete block commercial side building built in 1940.

Roads

Waverly Avenue is immediately adjacent to the SITE property boundary to the northwest. Fenimore Road is also immediately adjacent to the SITE property boundary to the northeast of the SITE. The SITE lies at the intersection of Fenimore Road and Waverly Avenue.

Heating/Cooling Source

The buildings are heated by natural gas provided by Consolidated Edison Company of New York (ConEd). The 4-story self-storage building is cooled by central air-conditioning and the compressor units are located on the edge of the parking lot, near the property line.

4.3 Waste Water Disposal

The subject SITE is serviced by a public sewer system as shown on the property identification card included in **Appendix 5**.

4.4 Water Supply

Potable water is provided to the SITE by municipal means (Village of Mamaroneck) and enters the building from the northwest side along Waverly Avenue.

4.5 Other Utilities

Electric service at the SITE is provided by ConEd and service enters the SITE above grade from Waverly Avenue. As noted above, natural gas is also provided to the site by ConEd.

4.6 Adjoining Property Uses

Properties adjoining the subject SITE are zoned for commercial purposes. Field observations confirmed that the surrounding land use consists of mostly commercial buildings. **Figure 2** shows the land use with respect to surrounding properties.

5 ENVIRONMENTAL SETTING

5.1 Topography

Figure 1 shows the topography of the SITE and the area around the SITE. The property elevation is approximately 25-feet above mean sea level.

5.2 Bedrock and Surficial Geology

According to the Surficial Geologic Map of New York, Lower Hudson Sheet (Cadwell, 1989), the SITE is underlain by till of variable texture and thickness (1-50 meters), and bedrock stipple overprint with variable mantle of rock and glacial till. Bedrock in this area may be within 1-3 meters of the surface and may sporadically out-crop. The bedrock below the SITE is mapped on the Geologic Map of New York, Lower Hudson Sheet (Fisher, 1970) as the Manhattan Formation of the Middle Ordovician Period and the Fordham Gneiss of the Upper Proterozoic Eon.

5.3 Hydrogeology

The specific direction of groundwater flow was not determined during this phase of the ESA. However, based upon land surface and topographic relief, groundwater at the SITE is assumed to flow locally to the Northwest. The subsurface investigation completed by HES in April 2019 indicated that groundwater beneath the site was observed at a depth of 3 to 5 feet below grade (ftbg), as is indicated from water levels collected from two temporary wells installed at the site. The depth to groundwater readings are included on the Geologic Logs in the Subsurface Investigation Report included in **Appendix 3**.

It should be noted that groundwater is not utilized for potable use in the Town of Mamaroneck. The shallow groundwater observed in the unconsolidated overburden aquifer is not suitable for potable use based on quality and available volume to any well drilled in this material. The regional bedrock aquifer may contain sufficient volumes of groundwater for potable use, but the bedrock aquifer in this urban/suburban area is not used for potable supply wells.

5.4 Wetlands

There are special flood hazard designated wetland areas and National Wetland Inventory areas located approximately 1 mile to the south of the SITE and ½ -mile to the south-east of the SITE.

5.5 Sensitive Receptors

The aforementioned wetlands are considered sensitive receptors.

6 SITE HISTORY

ASTM Standards for Phase I ESAs require that historical records be searched for information on the SITE dating back to the SITE's earliest development or 1940, whichever is earliest, based on available documentation. Standard historical sources, as defined by ASTM E 1527-13, were ascertained and reviewed as part of this Phase I ESA. No title search information was provided by the user. However, we do not consider the lack of title information to be a significant data gap because an adequate record of historical SITE usage was obtained through historical documents reviewed by HES.

The following subsections summarize our review of available historical records.

6.1 Historical Source Reviews

Ownership Records

Ownership records provided by the Village of Mamaroneck Tax Assessor were reviewed as a part of the Phase I ESA. The records obtained from the Village of Mamaroneck are included in **Appendix 5**.

Historical USGS Maps

The following historical USGS maps were reviewed relative to the SITE and surrounding area. Copies of these historical USGS maps are located in **Appendix 6**. The available historic maps are summarized on the table below.

Topographic Map (Year)	Significant Land Use	Evidence of RECs and/or Bulk Storage or Release of Petroleum Products or Hazardous Substances
1897	The 1897 topographic map shows the areas around the SITE are in a state of development. The specific structures currently on-SITE are not evident.	None Evident
1898	The 1898 topographic map shows the areas around the SITE are in a state of development. The specific structures currently on-SITE are not evident.	None Evident
1900	The 1900 topographic map shows the areas around the SITE are in a state of development. The specific structures currently on-SITE are not evident.	None Evident
1947	The 1947 topographic map shows the areas around the SITE are in a state of development. The specific structures currently on-SITE are not evident.	None Evident
1955,1956	The 1955, 1956 topographic map shows the areas around the SITE are in a state of development. The specific structures currently on-SITE are not evident.	None Evident
1966,1967	The 1966, 1967 topographic map shows the areas around the SITE are in a state of development. The specific structures currently on-SITE are not evident.	None Evident
1975,1979	The 1975, 1979 topographic map shows the areas around the SITE are in a state of development. The specific structures currently on-SITE are not evident.	None Evident
1995	The 1995 topographic map shows the areas around the SITE are in a state of development. The specific structures currently on-SITE are not displayed on the map.	None Evident
2013	The 2013 topographic map shows the roadways around the SITE are developed to present-day conditions. The specific structures currently on-SITE are not evident.	None Evident

Aerial Photographs

The following historical aerial photographs were reviewed relative to the SITE and surrounding area. Copies of these historical aerial photographs are located in **Appendix 6**, and a summary of the available photographs are included in the table below.

Aerial Photo (Year)	Significant Land Use	Evidence of RECs and/or Bulk Storage or Release of Petroleum Products or Hazardous Substances
1951	Aerial photography shows the areas around the SITE are in a state of development. Poor quality of the photograph does not show the specific structures on-SITE.	None Evident
1953	Aerial photography shows the areas around the SITE are in a state of development. Some of the specific structures currently on-SITE are evident.	None Evident
1961	Aerial photography shows the areas around the SITE are in a state of development. Some of the specific structures currently on-SITE are evident.	None Evident
1964	Aerial photography shows the areas around the SITE are in a state of development. Some of the specific structures currently on-SITE are evident.	None Evident
1974	Aerial photography shows the areas around the SITE are in a state of development. Some of the specific structures currently on-SITE are evident.	None Evident
1984	Aerial photography shows the areas around the SITE are in a state of development. Some of the specific structures currently on-SITE are evident.	None Evident
1989	Aerial photography shows the areas around the SITE are in a state of development. Poor quality of the photograph does not show the structures on-SITE.	None Evident

Aerial Photo (Year)	Significant Land Use	Evidence of RECs and/or Bulk Storage or Release of Petroleum Products or Hazardous Substances
1994	Aerial photography shows the areas around the SITE are in a state of development. Some of the specific structures currently on-SITE are evident.	None Evident
2006	Aerial photography shows the areas around the SITE are developed to present-day conditions. Some of the specific structures currently on-SITE are evident	None Evident
2009	Aerial photography shows the areas around the SITE are developed to present-day conditions. The structures currently on-SITE are not evident due to poor photograph quality.	None Evident
2013	Aerial photography shows the areas around the SITE are developed to present-day conditions. Some of the specific structures currently on-SITE are evident.	None Evident
2017	Aerial photography shows the areas around the SITE are developed to present-day conditions. The specific structures currently on-SITE are evident.	None Evident

Directories

Available "city" directories dated 1972, 1977, 1982, 1987, 1992, 1995, 2000, 2005, 2010 and 2014 were reviewed for indications of SITE and surrounding area property uses that may be indicative of potential RECs. The other listings noted in the historical directories review indicate that the area around the SITE was dominated by commercial and residential buildings, none of which indicated any potential RECs. The SITE has been occupied by various commercial tenants after 1987. None of the former tenants listed on the "city" directories appear to be a potential REC. The directory report is included in **Appendix 6**.

Historical Fire Insurance Maps

The Sanborn Fire Insurance Maps listed in the following table were available and were reviewed relative to the SITE and surrounding area. Sanborn maps were found for the following years: 1896, 1902, 1908, 1912, 1919, 1934, 1942, 1950, 1963, 1988, 1992, 1994, 1996, and 2003. The maps do not reveal any significant environmental concerns that are not already known based on recent field reconnaissance. Copies of the Sanborn maps are located in **Appendix 6**.

Consideration of Data Failure

Data failure is defined as a failure to achieve the historical research objectives of ASTM E 1527-13 after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful dating back to the SITE's earliest development or 1940, whichever is earliest. Data failure has occurred during this Phase I ESA as the earliest aerial photograph is dated 1951.

7 GOVERNMENT RECORDS REVIEW AND INQUIRY

Federal, State and Local databases were reviewed for the SITE in an effort to determine the regulatory status of the SITE and to establish the location of surrounding properties with environmental records. A search of United States Environmental Protection Agency (USEPA) and New York State Department of Environmental Conservation (NYSDEC) database systems was completed by the independent firm Environmental Data Resources, Inc. (EDR). A complete list of all the Federal, State, Local, and Supplemental/Historical databases searched is included in the EDR Report in **Appendix 6**, along with report radii and GIS maps of the appropriate databases and findings.

The results of the EDR database search show that, within 1/2-mile of the SITE, three (3) RCRA-SQG sites were found; no RCRA – CESQB sites were found, one hundred-six (106) L-Tanks sites were found; twenty-five (25) UST sites were found; twelve (12) AST sites were found; twenty (20) NY Spill sites were found; fifty (50) NY Manifest sites were found; fourteen (14) NJ Manifest sites were found; and three (3) EDR Historical Auto sites were found. The locations of the aforementioned sites, among others, with respect to the subject SITE are listed on the radius maps in the EDR Report included in **Appendix 6**.

While there are numerous findings of possible environmental sites within a $^1/_4$-mile radius of the site, field reconnaissance confirmed that none of the surrounding properties were in close enough proximity to the SITE to potentially pose a historical or present environmental concern.

7.1 Pertinent Local Records

HES obtained or attempted to obtain records from the following local sources. Copies of obtained records are included as **Appendix 5**.

Village of Mamaroneck Property Records Review

The records held by the Village of Mamaroneck (specifically the Tax Assessor) do not identify any RECs. Copies of the Village records are included in **Appendix 5**.

Village of Mamaroneck Fire Department

No records were obtained from the local Fire Department as part of this Phase I ESA as the Village of Mamaroneck has a volunteer fire department.

Board of Health/Health Department

No records were obtained from the Health Department as part of this Phase I ESA.

8 SITE RECONNAISSANCE

HES representatives completed a comprehensive visual inspection of the subject SITE on September 19, 2019. During inspection activities, HES met with Mr. Michael Murphy and Mr. Christopher Murphy of East Coast North Properties, LLC. The inspection was completed to obtain information to aid in identifying RECs and to evaluate the buildings for ASTM non-scope considerations. In addition, the surrounding properties were viewed in an attempt to identify potential RECs adjacent to the property.

During the SITE inspection, HES walked the accessible portions of the buildings, property and the surrounding area on foot. Photographs of the building and the property are included in **Appendix 4**. Limitations to the SITE reconnaissance are documented in **Section 8.15**. Pertinent observations made during the site reconnaissance are detailed below:

8.1 Interior Observations

During the SITE inspection, HES personnel were provided access to all areas of the buildings.

The 2-story stucco corner building, 560 Fenimore Road, was most recently occupied by both Murphy Brothers Contracting as a storefront and storage (Murphy Brothers), and by a moving/storage contractor as office space. The interior of this building was overall adequately maintained and featured carpeted flooring and modern bathrooms in the office areas.

The 3-story barn building, 522 Fenimore Road, was most recently occupied by Murphy Brothers Contracting as storage, and by an electrician (James A. Stone Electric, Inc.) as an office and warehouse. The barn building is mostly constructed of wood walls and floors, and although the office areas are adequately maintained, the storage areas do show signs of age, such as warping in the wooden floors on the 3rd floor.

The 2-story concrete block building, 416 Waverly Avenue, in the center of the property was most recently occupied by Murphy Brothers Contracting as a wood-milling shop and warehouse, and as an office building. The building interior is constructed of sheetrock with mostly carpeted floors; some areas have tiled floors in the offices, which were modern. The wood-milling shop was adequately maintained and well-ventilated and had poured concrete floors.

The 4-story self-storage building, 426 Waverly Avenue, is very modern, due to its recent construction in 2015. The interior walls are composed of sheetrock with carpeted floors in the office area and concrete floors for the storage unit area. The storage unit areas have high ceilings composed of aluminum sheet metal. There is also a new hydraulic elevator located in this building, and there are some modern offices.

The 2-story concrete block side-building adjacent to the barn, 408 Waverly Avenue, is used as storage and a workshop for an auto glass contractor on the first floor. The second floor is mostly empty and was previously used as office space. The interior contained concrete floors on the first floor and carpeting on the second floor. The walls for both floors were composed of sheetrock.

The roof areas for the buildings were not accessible due to the steepness of the roof pitches, and or lack of entry to roof areas. No floor drains were noted at the SITE.

8.2 Exterior Observations

The SITE is composed of an approximate 1.05-acre lot with 5 buildings. The buildings on SITE are: a two-story stucco building utilized by its occupants as office space and storage, a 3-story barn used as storage, a workshop and office space, a 2-story concrete block building used as office space and a milling-shop, a 2-story concrete block side building used as an auto glass shop and storage, a 4-story self-storage facility. There is also a large outside aluminum-frame covered storage area which contains various empty containers and machinery. There are large air-conditioning compressor units located on the edge of the property line, adjacent to the self-storage building. A large asphalt parking area is located around all of the buildings. In general, the exteriors are well maintained for all of the buildings.

Commercial buildings are present surrounding the SITE, including a bakery, a sporting goods retail store, an interior designer, an auto repair shop, an electronics store, and a hardwood flooring store. A gas station is located approximately 220 feet to the west of the SITE, at the intersection of Woodside Avenue and North State Road. There are 3 auto body repair shops along Waverly Avenue, all within 1,000 feet of the SITE. A generalized site plan and surrounding land use map are shown in **Figure 2**. About 500 feet southeast of the SITE, there are residential buildings; however, they are not bordering the SITE.

8.3 Chemical, Hazardous Substances, and Petroleum Products Storage and Use

Hazardous chemical storage and/or use was observed at the SITE; however, the chemicals were all adequately stored in proper containers.

8.4 Waste Generation, Storage, and Disposal

The only waste generated at the site is general household waste from the office units.

8.5 Aboveground Storage Tanks

No ASTs, or evidence of historical ASTS, were observed at the SITE.

8.6 Underground Storage Tanks

No USTs were observed at the SITE. However, there was an historic UST of unknown size that was removed from the site in November 2003 and a historical 550-gallon UST which was removed from the site in February 2004. There was a NYSDEC Spill No. (0304697), but it was administratively closed by the NYSDEC in March 2004.

8.7 Pits, Ponds, and Lagoons

No pits, ponds, or lagoons were observed at the SITE.

8.8 Vapor Encroachment Screening

ASTM Standard 1527-13 requires an assessment for the potential of migration of hazardous vapors onto the site property in the subsurface. According to the ASTM Standard E2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, a Vapor Encroachment Condition (VEC) is defined as “the presence or likely presence of [chemicals of concern] vapors in the sub-surface of the target

property (TP) caused by release of vapors from contaminated soil or groundwater either on or near the TP as identified by Tier 1 ... or Tier 2 ... procedures". As part of this Phase I ESA, a Tier 1 screening was completed using the VEC Application from EDR. The results of the screening indicate (**Section 7.0**) VECs do not exist with respect to the SITE. All other records found in the area were excluded as VECs due to proximity to the SITE, specific nature of the records found, and taking the groundwater gradient into consideration.

8.9 Asbestos (Non-scope item)

Asbestos is a heat-resistant, naturally occurring mineral that is made up of microscopic fibers. Asbestos is the generic term for six different types of minerals. Some forms of asbestos are highly toxic by inhalation of dust particles. Past uses of asbestos include pipe and boiler insulation, fireproofing and soundproofing, brakes, gaskets, floor tiles, roofing materials, window caulk, cement products, curtains, and water pipes. A formal asbestos survey was not conducted as a part of this Phase I ESA.

Due to the age of at least one of the buildings (~1920), it is likely that asbestos containing materials (ACMs) are present in areas that have not been renovated.

8.10 Lead-based Paint (Non-scope item)

Lead is toxic by ingestion and inhalation of dust or fumes. Health effects are generally correlated with blood test levels. Infants and young children absorb ingested lead more readily than older children and young adults. Primary exposure routes include lead-based paint, lead solder, pipes in drinking water lines, and air quality in inner city settings. Lead-based paint testing is typically warranted for residential properties constructed prior to 1978 and properties where children spend a significant amount of time, such as a daycare facility.

Due to the age of at least one of the buildings (~1920), it is possible that lead-based paint has been used in the past.

8.11 Radon (Non-scope item)

HES has included the general information pertaining to radon for informational purposes only. The EPA has prepared a map to assist national, state, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones. Zone 1 is those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action limit of 4.0 pico Curies per Liter (pCi/L), Zone 2 is where average predicted radon levels are between 2.0 and 4.0 pCi/L, and Zone 3 is where average predicted radon levels are less than 2.0 pCi/L.

It is important to note that the EPA has found structures with elevated levels of radon in all three zones, and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Review of the EPA Map of Radon Zones places the SITE in Zone 3, where average predicted radon levels are less than 2.0 pCi/L. Recognizing that the SITE lies in Zone 3 and the SITE is provided water by municipal means, the presence of radon in drinking water is likely not a concern. **Appendix 6** contains the EDR report which presents the radon information.

8.12 PCB-containing Equipment and Building Materials (Non-scope item)

Caulk, paint, sealants, adhesives, and other materials containing PCBs were used in many buildings during construction, renovation, or repair from the 1950s through the early 1980s. PCBs were not distributed in commerce after 1978. PCB-containing building materials may represent a risk to human health and the environment and may be regulated for disposal.

Although no definitive statements can be made regarding the presence of PCBs without sampling and analysis, given the age of at least one of the buildings (~1920) the presence of PCBs is possible in areas at the SITE that have not been renovated.

8.13 Mold (Non-scope item)

Mold growth was not observed in the buildings.

8.14 Other Site-Specific Environmental Conditions

No other SITE-specific environmental conditions were observed.

8.15 SITE Reconnaissance Limitations

The ASTM Standards for Phase I ESAs require the identification of limitations that were encountered that may affect the ability to identify potential environmental conditions on the SITE and to provide an opinion as to the significance of the limitation about the ability to identify potential environmental conditions on-SITE.

- HES representatives did not access the roof of the buildings during this Phase I ESA. However, each building's roof was visible from the ground and they all appeared to be in good condition.

9 INTERVIEWS

In accordance with ASTM E 1527-13, interviews with present owners, operators, and occupants of the SITE were conducted wherever possible, for the purpose of gathering information regarding the potential for RECs at the SITE. The following presents a summary of the interviews that were conducted.

9.1 Current Owner(s), and Occupant(s)

Current Owners and Occupants

The current owner was interviewed during this ESA. The interview assisted with HES' ability to identify if RECs were associated with the SITE.

9.2 Past Owners, Operators, and Occupants

Past owners were not interviewed during this ESA. Copies of the past owner records that were obtained from the Village of Mamaroneck are included as **Appendix 5**.

9.3 Interviews with Neighboring Property Owners/Occupants

No neighboring property owners or occupants were interviewed as part of this ESA. This lack of information has not impacted HES' ability to identify RECs associated with the neighboring properties.

9.4 Interviews with State and/or Local Government Officials

Village of Mamaroneck Tax Assessor

HES reviewed SITE records obtained from the Village of Mamaroneck. Records held by the Tax Assessor did not identify any additional RECs connected to the SITE.

Village of Mamaroneck Fire Department

Officials at the local Fire Department were not contacted as a part of this Phase I ESA as the Village of Mamaroneck has a volunteer fire department.

10 ADDITIONS, EXCEPTIONS, AND DEVIATIONS

10.1 Additions

No additions to the ASTM E 1527-13 Phase I ESA practice were made.

10.2 Exceptions and Deviations

No exceptions and/or deviations to the ASTM E 1527-13 Phase I ESA practice were made.

11 DATA GAPS

ASTM E 1527-13 requires the identification of data gaps that may affect our ability to identify potential environmental conditions on the SITE, to further identify the sources of information consulted to attempt to fill these data gaps, and the significance of the data gap with regard to the ability to identify potential environmental conditions on-site.

Regarding this Phase I ESA, the following data gaps were identified:

- The lack of interviews with past owners and certain local governmental officials is a data gap; however, due to the low risk associated with the current use of the SITE building and surrounding area, it is unlikely that this data gap has significantly affected HES' ability to identify RECs in connection with the SITE.

12 FINDINGS AND OPINIONS

The following is a summary of relevant environmental findings concerning the SITE and HES' professional opinion concerning these findings:

- Regarding the possible presence of asbestos, lead paint, and PCBs at the SITE, given the age of the buildings, proper sampling and abatement should be completed at the SITE prior to any future renovations, repairs, or demolition of the building(s).

- Prior investigations conducted at the site by ATC and HES confirmed that the soil and groundwater beneath the site was not impacted by historic use and the presence of former USTs.

13 CONCLUSIONS

HES has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 Standards at 416 Waverly Avenue in Mamaroneck, New York, the property. Any exceptions to, or deletions from this practice are described in **Section 10** of this report. This assessment has revealed that no *recognized environmental conditions (REC)* and no *Historical RECs (HRECs)* in connection with the property were observed.

14 RECOMMENDATIONS

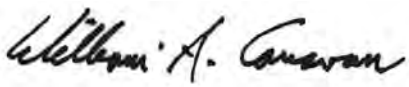
The ASTM Standards require that the environmental professional determine the degree of obviousness of the presence or likely presence of contamination, releases, or other environmental conditions at the SITE, and the ability to detect contamination. Based on the findings of this Phase I ESA, possible conditions that are indicative of potential contamination or past releases are not present at the SITE. In order to maintain *bona fide* prospective purchaser liability protection under CERCLA, the seller or purchaser must demonstrate appropriate care, which typically will entail the completion of the following recommendations:

- No further environmental investigation is warranted at the SITE at this time**.**

15 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The following individuals performed this Phase I ESA in conformance with ASTM Standard Practice E 1527-13 and AAI Standards. Any work completed on this Phase I ESA by an individual who is not considered an environmental professional was completed under the supervision or responsible charge of the environmental professional listed after the Environmental Professionals Statement provided below.

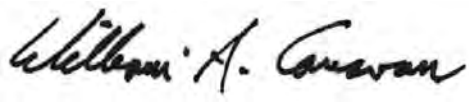
Richard J. DePolo
Geologist/Hydrogeologist



William A. Canavan, PG, LSRP
President

Environmental Professionals Statement

We declare that, to the best of our professional knowledge and belief, we meet the definition of an Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



William A. Canavan, PG, LSRP
President

16 LIMITATIONS AND CONDITIONS

HES has performed this Phase I ESA in conformance with ASTM Practice E 1527-13. This ESA was designed to provide the client with a broad overview of environmental conditions existing at the SITE. No subsurface investigations or laboratory analysis were conducted as part of this investigation.

This report is for the use and benefit of Mr. Christopher H. Murphy, and may be depended upon by any affiliates, and third parties with prior written permission or HES, as well as the lender(s) in conjunction with a secured financing of the subject property, and their corresponding successors and assignees. Acceptance of this report by a third party signifies an agreement that any use or dependence on this report shall be circumscribed by the exceptions and limitations in this report, with the admission that real SITE conditions may alter with time, and that hidden conditions may exist at the subject property that were not perceivable within the scope of this assessment.

No other representation is made to any third party by HES, except that the degree of concern and skill regularly exercised by environmental consultants has been used in the assembling of data and information and preparation of the report related thereto. No other warranties are made to any third party, either explicit or implicit.

17 REFERENCES

LOCAL RESOURCES

- **Village of Mamaroneck Tax Assessor**

ADDITIONAL RESOURCES

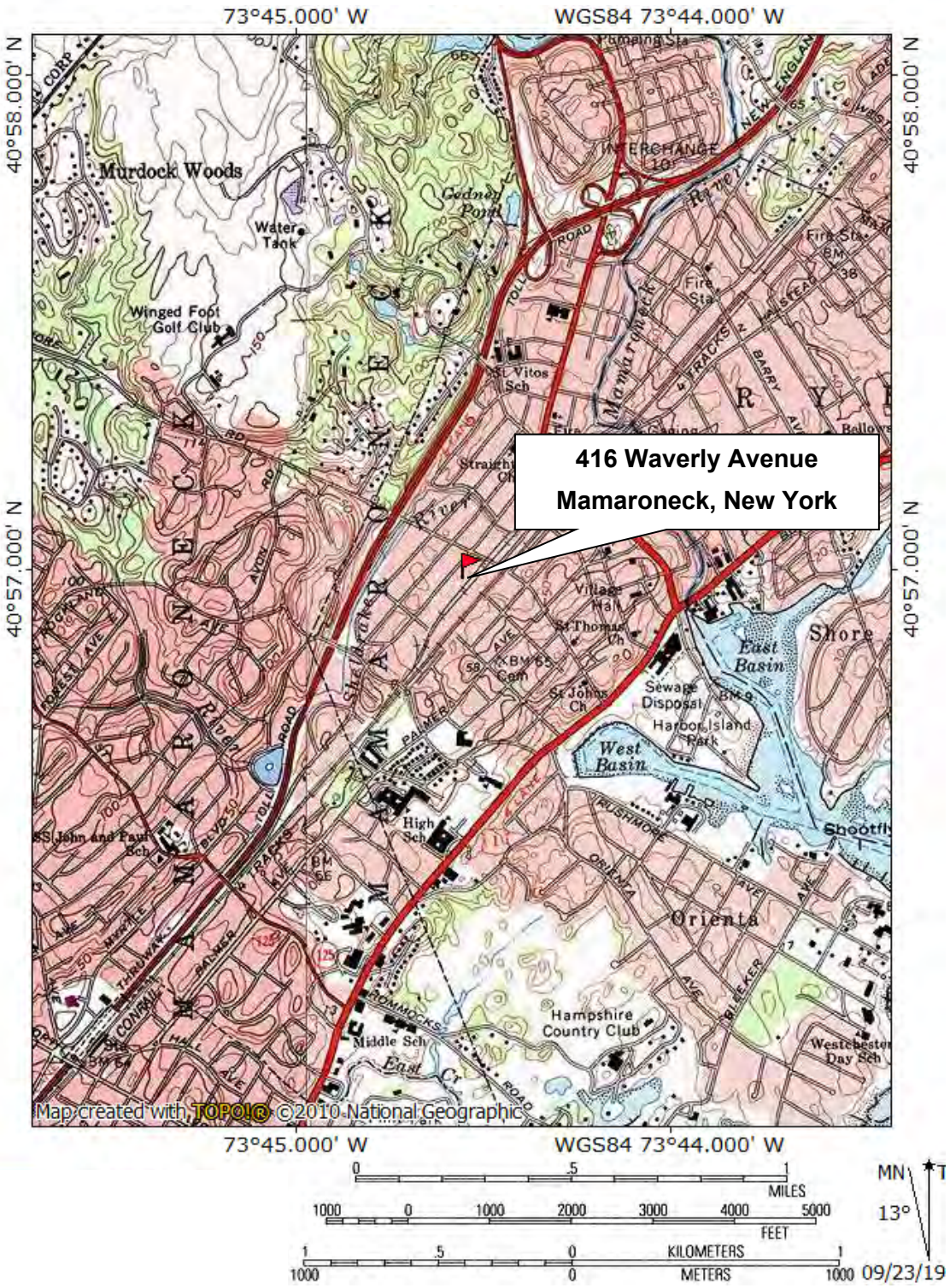
- **Historical Fire Insurance Maps**.
- **Historical USGS Maps of New England**.
- **USGS Topographic Quadrangle**.
- **EDR® Database Report Dated September 18, 2019**
- ASTM E 1527-13 Standard Practice for Environmental SITE Assessments: Phase I Environmental SITE Assessment Process, ASTM International, Conshohocken, PA.
- Cadwell, Donald H., Editor, 1989, Surficial Geologic Map of New York, Lower Hudson Sheet, New York State Museum – Geological Survey, Map and Chart Series #40.
- Fisher, Donald W., Y.W. Isachsen and L.V. Richard, 1970, Geologic Map of New York, Lower Hudson Sheet, New York State Museum and Science Service, Map - Chart Series #15.

Recognized Environmental Condition - the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with the law.

FIGURES

FIGURE 1

Site Location Map



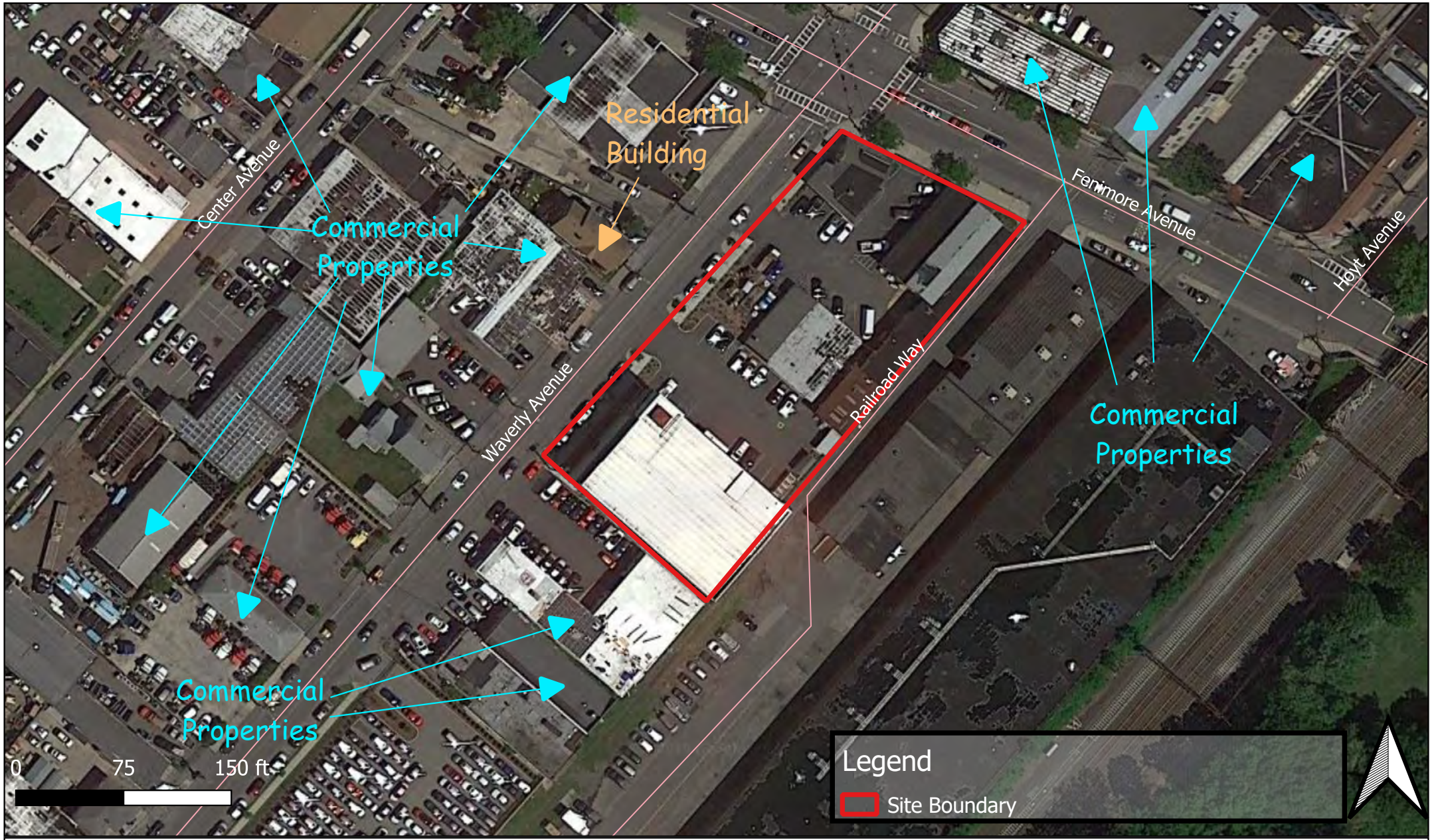


Figure 2

416 Waverly Avenue Mamaroneck, New York	Site Location and Surrounding Land Use	To Scale	September 18, 2019
		Phase 1 ESA	

HydroEnvironmental SOLUTIONS, INC.
One Deans Bridge Road
Somers, New York 10589

APPENDICES

APPENDIX 1

Resumes

Summary Resume: **WILLIAM A. CANAVAN**

Education:

1989 - Southern Illinois University, Carbondale, IL
M.S. Geology
1986 - Franklin & Marshall College, Lancaster, PA
B.A. Geology

Certifications/Seminars:

Certified Professional Geologist; CPG #9036
Licensed Geologist: New York, New Hampshire
NJDEP Licensed Site Remediation Professional (LSRP): License No. 594633
NJDEP Subsurface Evaluator; License No. 220983
NYS Asbestos Site Inspector; Cert. No. 05-12451
CT Asbestos Consultant – Inspector; License No. 000773
OSHA Certification (29 CFR, 1910.120); Personal and Supervisor with Annual Refresher Certification
NGWA Introduction to Groundwater Chemistry
ASTM Risk Based Corrective Action Application Training
Lead Mitigation at Shooting Ranges – Conference Sponsored by the National Rifle Association
Princeton Remediation Course
NGWA Conference on Petroleum Hydrocarbons in Groundwater (attended 3 times)
American Water Resources Association National Conference-Hydrology and Groundwater
NJDEP Site Remediation Basics Seminar
Wetlands Delineation Certification
Radon Testing, Indoor Air Quality Testing
NGWA Member

Professional Experience:

1998 – Present	President, HydroEnvironmental Solutions, Inc., Somers, NY
1996 – 1998	Hydrogeologist/Regional Manager, Lincoln Applied Geology, Inc., Somers, NY
1992 – 1996	Senior Hydrogeologist, Leggette, Brashears & Graham, White Plains, NY
1989 – 1992	Hydrogeologist, Leggette, Brashears & Graham, Wilton, CT
1988 – 1989	Hydrogeologist, Lincoln Applied Geology, Inc., Lincoln, VT
1987 (summer)	Hydrogeologist, Lincoln Applied Geology, Inc., Lincoln, VT
1986 (summer)	Hydrogeologist, Malcolm Pirnie, Inc., Hamden, CT
1984 (summer)	Geologist, The Army Corps of Engineers, New York, NY

Sample Project Assignments:

- Comprehensive work scope and report writing, client correspondence and liaison to State Agencies in Vermont, New York, New Jersey, Massachusetts and Connecticut.
- Principal investigator of a water supply development project for a major ski area in central Vermont including well location and development, testing and final permitting.
- Principal investigator for a comprehensive feasibility analysis for developing a groundwater based high yield golf course irrigation system including very low frequency geophysical surveys; Rockaway, NJ.
- Project Hydrogeologist for the design, implementation and construction of a comprehensive trench and well based groundwater recovery component of an in situ coal tar contamination bioremediation system; Barre, VT.
- Project Hydrogeologist responsible for determining and remediating the areal and vertical extent of petroleum contamination in a shallow aquifer on Long Island Sound including installation of a 17 well monitoring network, well development and sampling, pump testing to determine capture zones affected by tidal fluctuation and aquifer characteristics and soil venting remedial system design, implementation, operation and monitoring.
- Project Hydrogeologist responsible for comprehensive groundwater monitoring and sampling programs to determine magnitude and extent of contamination problems at fuel storage facilities in New York, New Jersey, Minnesota, Nebraska, South Dakota, Connecticut and Vermont.
- Principle investigator for multiple phased environmental site assessments of commercial, industrial, and manufacturing sites in New York, Vermont, New Jersey and Connecticut.
- Analyzed channel morphology and hydraulic characteristics of Esopus Creek in Shandaken, New York related to an insurance claim case. The case was a wrongful death drowning related to channel stabilization work completed on a stretch of the river.
- Project Hydrogeologist responsible for the investigation of an industrial waste disposal site owned by a major chemical and munitions manufacturer including the design and implementation of a subsurface testing program for determining the extent and volume of buried waste and negotiations with the client and Connecticut Department of Environmental Protection.

- Project Hydrogeologist for the design of a USGS gaging station on an Adirondack river to determine the relationship of rainfall and downstream gages to privately held watershed. Work completed on behalf of legal counsel for private club as part of pending litigation over river navigability.
- Was retained by a large geotechnical firm tasked with predicting the number of pressure relief wells along the Connecticut River Levee System near West Springfield, MA. Designed a module in MODFLOW that used existing and proposed relief well systems and related the levee and underlying geology to river flows and tidal fluctuations. The model was used to predict the number, type, design and locations of the relief wells in order to maintain levee integrity during peak flows.

Publications:

William A. Canavan, PG, LSRP; Dylan K. Schuck, Timothy J. Bishop, 2017, Investigation of Hydrogeologic Impacts at Two Historic Landfills Overlying Fractured Bedrock in the Lower Hudson Valley, NY, NGWA, Burlington, VT

Canavan, W.A., Verdibello, S. 2015, Construction Dewatering: Investigation Methods and Approach in New York City in Abstracts and Programs, American Institute of Professional Geologists, Santa Fe, NM

Canavan, W.A., 2001, "Creation of Groundwater Resource Maps for Planning Future Development", in Abstracts and Programs, American Water Resources Conference.

Canavan, W.A., Vandenberg, R., Revell, S., 1997, A Risk Based Corrective Action Approach at Urban Leaking Underground Storage Tank Sites, in Groundwater in the Urban Environment-Volume I, Problems, Processes and Management, Edited by John Chilton, et al. Pages 377-393.

Canavan, W.A., 1990, Statistical Applications to Channel Morphology for a Bedrock Stream, in Geological Society of America Abstracts with programs.

Canavan, W.A, 1989, The Fluvial Geomorphology of a Northern Appalachian Bedrock Stream, New Haven River, Central Vermont, M.S. Thesis Southern Illinois University at Carbondale, 141 p.

Orbach-Miller, S.; W.A. Canavan, and R. C. Kockel, 1987, Assessment of Landslide Potential Along Route 3 in Southern Illinois, in Proceedings of the 38th Annual Highway Geology Symposium, Engineers Society of Western Pennsylvania.

Summary Resume: **RICHARD J. DEPOLO**

Education: 2015 - Oneonta State University of New York, Oneonta, NY
Bachelors of Science in Geology;

Certifications/Seminars: OSHA Certification (29 CFR 1910.120)

Professional Experience:

June 2019 – Present	Geologist/Hydrogeologist, HydroEnvironmental Solutions, Inc., Somers, NY
May 2015 – July 2015	Independent Researcher, Oneonta State University of New York, Oneonta, NY

Sample Project Assignments:

- Environmental oversight during the removal of residential underground storage tanks (USTs) and soil excavation for petroleum storage at numerous sites. Duties have included achieving closure of spills in accordance with NYSDEC environmental regulations and within estimated costs.
- Environmental oversight and direction during the installation of test borings and groundwater monitoring wells at petroleum spill sites.
- Completed oversight and monitoring during Vacuum Enhanced Fluid Recovery (VEFR) remedial operations to reduce soil and groundwater contamination at numerous fuel oil impacted sites.
- Conducted groundwater monitoring and sampling.
- Conducted hand-held Geoprobe® borings along with hand-auger borings at residential homes to delineate the extent of a suspected fuel oil leak.
- Conducted Phase I Environmental Site Assessments to assess the environmental status for commercial lending institutions and prospective buyers.
- Set-up temporary monitoring wells for groundwater using a track mounted Geoprobe® 54DT drill rig

APPENDIX 2

Scope of Work

HYDROENVRIONMENTAL SOLUTIONS, INC.
STANDARD SCOPE OF WORK
FOR
PHASE I ENVRIONMENTAL SITE ASSESSMENTS

The following is HydroEnvironmental Solutions, Inc (HES) scope of work for completion of this Phase I Environmental Site Assessment (ESA) conducted in accordance with the ASTM Standard Practice for Environmental Site Assessments: Phase I Process (ASTM 1527-13). The ASTM Standard Practice for Environmental Site Assessments: Phase I Process (ASTM 1527-13) meets the requirements of the Environmental Protection Agency (EPA) Standards and Practices for All Appropriate Inquiries (AAI); Final Rule (40 CFR Part 312).

The objective of conducting a Phase I ESA is to provide a concise liability assessment in order that informed environmental business decisions may be made regarding the subject property. To accomplish this goal, our reports contain a summary that focuses on potential liabilities and presents conclusions and recommendations for confirming or dismissing the concerns and Recognized Environmental Conditions (RECs) identified during the Phase I ESA.

Our Phase I ESA process consists of the following four tasks: (1) records review, (2) site reconnaissance, (3) interviews, and (4) report. Each of these tasks is described in detail below.

Records Review

The purpose of the records review was to obtain and review reasonably ascertainable[1] records that help identify recognized environmental conditions in connection with the property. The following state and federal environmental record sources, with the minimum search distances used for each, are reviewed from USEPA websites, the New York City Department of Environmental Protection (NYCDEP) and New York State Department of Environmental Conservation (NYSDEC) online databases, and an environmental records report for the property from Environmental Data Resources, Inc. (EDR):

Source	Minimum Search Distance (mi)
Federal NPL Site List	1.0
Federal CERCLIS List	0.5
Federal RCRA TSD Facilities List	1.0

Source	Minimum Search Distance (mi)
Federal RCRA Generators List	Property and Adjoining Properties
Federal ERNS List	Property Only
State Leaking UST Sites	0.5
State Registered UST Sites	Property and Adjoining Properties

[1] Information that is 1) publicly available, 2) obtainable from its source within reasonable time and cost constraints, and 3) practically reviewable (ASTM E 1527-13).

These records are reviewed for database listings associated with activities identified on the target property, or nearby sites that may have the potential to impact the target property. Additional state and local records sources are reviewed to enhance or supplement the federal and state sources identified above. These include:

- Lists of Landfill/Solid Waste Disposal Sites
- Records of Emergency Release Reports
- USGS 7.5 Minute Topographic Map
- Department of Natural Resources Publications
- State Geologic Surveys and Reports
- Fire Department
- County Health Department

Historical records for the subject property and surrounding area are reviewed to determine the previous uses or occupancies of the property and surrounding area to identify those uses or occupancies that are likely to have led to recognized environmental conditions in connection with the property. The following historical records are reviewed:

- Ownership/Lease-Right History
- Aerial Photographs
- Historical USGS Topographic Maps
- Historical City Directories
- Historical Fire Insurance Maps
- Historical Property Tax Assessor, Code Enforcement, and Zoning/Land Use Records
- Previous Environmental Investigations

Historical information contained in any previous environmental site assessments is reviewed, incorporated, and referenced as appropriate.

Site Reconnaissance

The site reconnaissance is performed to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the target property. The site reconnaissance includes visual and physical observations noted while observing the periphery of the property, the periphery of all structures on the property, all interior spaces of the structure, including maintenance and repair areas, common areas, storage areas, and boiler rooms. HES notes the presence or absence of the following:

- Storage tanks
- Odors
- Pools of liquid
- Drums
- Identified and/or unidentified substance containers
- Likely PCB-containing transformers or window caulk
- Heating/cooling sources
- Interior stains or corrosion
- Drains and sumps
- Pits, ponds, lagoons
- Stained soil or pavement
- Stressed vegetation
- Solid waste
- Wastewater
- Wells
- Septic systems

Any visual or physical indications of past uses of the property that are likely to involve the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products are noted. Current and/or past uses of adjoining properties and/or the surrounding area to the extent visually or physically observed which are likely to indicate RECs in connection with the adjoining property or property are also noted.

Interviews

Interviews with current and former owners and occupants are conducted to obtain information indicating RECs in connection with the property. The content of questions to be asked shall attempt to obtain information about uses and conditions of items noted during the site reconnaissance and to obtain any environmentally pertinent documents or any threatened, pending, or past: litigation, administrative actions, or notices of violation relevant to hazardous substances or petroleum products in, on, or from the property. Reasonable attempts will be made to interview the property owner, occupant, and/or key site manager.

Interviews with local government officials are conducted to obtain information indicating RECs in connection with the subject property. Reasonable attempts are made to interview a staff member of the following types of local government agencies: fire department, tax assessor, code enforcement officer, health agencies, and/or local/regional office of state agency having jurisdiction over hazardous waste disposal or other environmental matters in the area in which the property is located.

Report

Our report for the Phase I ESA will generally follow the recommended report format presented in ASTM E 1527-13. The report will include documentation to support the analysis, opinions, and conclusions presented in the report, as well as the credentials of the environmental professional(s) responsible for the Phase I ESA. The report will include the environmental professional's opinion of the impact of recognized environmental conditions in connection with the property. If the assessment reveals no evidence of RECs, then a statement to this effect will be made in the report.

APPENDIX 3

Prior Enviornmental Reports

SITE INVESITGATION/UNDERGROUN STORAGE TANK CLOSURE REPORT

EAST COAST NORTH PROPERTIES
MURPHY BROTHERS CONTRACTING
416 WAVERLY AVENUE
MAMARONECK, NEW YORK
NYSDEC SPILL NUMBER:
03-04697

PREPARED FOR:
MR. CHRISTOPHER LALAK
WESTCHESTER DEPARTMENT OF HEALTH
OFFICE OF ENVIRONMENTAL HEALH RISK CONTROL
145 HUGOENOT STREET, 8th FLOOR
NEW ROCHELLE, NEW YORK 10801

ATC PROJECT NUMBER 15.26950.0001
March 22, 2004

Prepared by: ATC Associates Inc.
104 East 25th Street
New York, New York 10010
(212) 353-8280

ATC ASSOCIATES INC.

104 East 25th Street
Tenth Floor
New York, NY 10010
Telephone: 212-353-8280
Facsimile: 212-979-8447

March 22, 2004

Mr. Christopher Lalak
Westchester County Department of Health
Office of Environmental Health Risk Control
145 Hugoenot Street, 8th Floor
New Rochelle, New York 10801

RE: Site Investigation/Underground Storage Tank Closure Report
Spill Number 03-04697
East Coast North Properties
Murphy Brothers Contracting
416 Waverly Avenue
Mamaroneck, New York

Dear Mr. Lalak:

Enclosed please find the original plus one (1) copy of the Site Investigation/Underground Storage Tank Closure Report (SIR) prepared by ATC Associates Inc. (ATC) in relation to the closure of one (1) underground storage tank (UST) at the East Coast North Properties/Murphy Brothers Contracting facility located at 416 Waverly Avenue in Mamaroneck, New York. In addition, this report includes the results of a groundwater investigation performed in response to a correspondence from the Westchester County Department of Health dated November 12, 2003.

If you have any questions regarding this report, please feel free to call our office.

Sincerely,

ATC ASSOCIATES INC.

Michael J. Morris
Senior Project Manager

David Winslow, Ph. D.
Subsurface Investigation and
Remediation Group Manager

David Spader
Environmental Division Manager

Cc: Chris Murphy, East Coast North Properties

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3.0	FINDINGS/UST CLOSURE REPORT	1
3.1	Tank 1 – 550 Gallon #2 UST	2
4.0	RESIDUAL DISPOSAL	3
5.0	GROUNDWATER INVESTIGATION	3
5.1	February 2004 Groundwater Sampling and Analysis Methods	3
5.2	Analytical Results	3
6.0	CONCLUSIONS AND RECOMMENDATIONS	3

FIGURES:

Figure 1:	Site Location Map
Figure 2:	UST Location Map
Figure 3:	Soil Sample Location Map
Figure 4:	Groundwater Sample Location Map

TABLES:

Table 1:	Soil Sample Results Summary – February 2004
Table 2:	Groundwater Sample Results Summary – February 2004

LIST OF APPENDICES:

Appendix A:	Local Construction Permit
Appendix B:	Residual Product Disposal Manifest
Appendix C:	Soil Profile Log – Excavation
Appendix D:	Soil Sampling Analytical Data Réport – February 2004
Appendix E:	Groundwater Sampling Analytical Data Report – February 2004

1.0 INTRODUCTION

ATC Associates, Inc. (ATC) was retained by East Coast North/Murphy Brothers Contracting (East Coast) to provide environmental consulting services with regard to the closure of one (1) inactive underground storage tank (UST) and perform a limited groundwater investigation at the East Coast facility situated at 416 Waverly Avenue in Mamaroneck, New York (the "Site"). The general location of the Site is illustrated on Figure 1.

On February 5, 2004, ATC supervised the removal of one (1) inactive 550-gallon No. 2 heating oil UST (Tank 1) from the referenced property. A site plan depicting this tank location is illustrated as Figure 2. According to a correspondence from the Westchester County Department of Health (WCDOH) dated October 30, 2003, this tank failed a tightness test and therefore was required to be removed from the Site. East Coast obtained the required municipal permit for the removal of this tank and ATC notified the WCDOH prior to initiating site work. A copy of the municipal permit is included in Appendix A.

Further, on February 12, 2004, ATC performed in a limited groundwater investigation at the Site. This limited investigation was performed in accordance with a correspondence from the WCDOH dated November 12, 2003, that indicated due to a petroleum discharge associated with the removal of a separate UST (Tank 2) at the Site, a limited groundwater investigation was required. The removal of Tank 2 was documented in the Tank Closure Report, dated November 4, 2003, prepared by Northeast Environmental previously submitted to the WCDOH.

The following provides the Site Investigation/UST Closure Report (SIR) for the tank closure and limited groundwater investigation programs conducted at the Site.

2.0 TECHNICAL OVERVIEW

One (1) No. 2 fuel oil UST (Tank 1) was properly closed and not evidence of discharge was observed. All required investigation activities were completed in accordance with the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation Draft DER-10 Technical Guidance for Site Investigation and Remediation. (DER-10).

However, during the closure of Tank 2, a discharge was discovered in relation to Tank 2 at the Site. The discharge was reported to NYSDEC, and Spill Number 03-04697 was assigned to the incident. As discussed above, due to this incident, a limited groundwater investigation was required by the WCDOH. Accordingly, a limited groundwater investigation was performed at the Site in accordance with WCDOH requirements.

All information obtained during the ATC investigation is summarized below. The laboratory analytical results for the soil and groundwater samples collected during the investigation are included in Appendix D and E, respectively. All samples were collected in accordance with the procedures outlined in the NYSDEC's *Sampling Guidelines & Protocols* (March 1991) and DER-10. All samples were submitted to a certified laboratory and analyzed within appropriate holding times. All laboratory method detection limits were within acceptable ranges, well below the applicable soil cleanup and groundwater quality criteria, and the laboratory data is considered reliable.

3.0 FINDINGS/UST CLOSURE REPORT

On February 5, 2004, ATC supervised the closure of one (1) UST at this facility. Excavation services were provided by Murphy Brothers Contracting of Mamaroneck, New York and tank closure activities were provided by GeoCore & Environmental Services of Seaside Park, New Jersey. The following section describes the activities, which were conducted by ATC during the implementation of the tank closure program at the East Coast facility.

3.1 Tank 1 – 550 Gallon #2 Heating Oil UST

Tank 1 was located beneath the asphalt area on the northwest side of the property. As illustrated on Figure 2, Tank 1 was positioned parallel to Waverly Avenue. Since the tank was inactive, the feed and return lines associated with the UST were previously removed. However, the fill port was situated directly above of the tank and the vent line extended towards one of the buildings on the Site. These piping runs were removed as part of the tank closure program.

Murphy Brothers Contracting excavated and stockpiled the asphalt and soils, which were above the top of the UST. Tank 1 measured 4-feet in diameter and 6-feet in length; the top of the tank was located approximately 2-feet 6-inches below surface grade. All surficial soils removed from the top of the tank were visually inspected and screened with a photoionization detector (PID). No evidence of contamination was observed in the soils above Tank 1.

Once the top of the UST was exposed, the contents of the tank were evacuated using an industrial vacuum tank truck. A total of 273 gallons of No. 2 heating oil and tank residuals were removed from the tank. This material was transported off-site for proper disposal/recycling at LORCO Petroleum Services in Elizabeth, New Jersey. After all the residual material was removed, a section of the tank top was removed to allow for internal inspection and cleaning of the vessel. The interior of the tank was squeeged clean and wiped with oil-absorbent towels. Documentation for the disposal of the residual material from Tank 1 is included in Appendix B.

Inspection of the tank system did not identify visual or olfactory evidence of a petroleum discharge. Following the removal of the tank, the clean, empty steel with rubber membrane coated shell was transported off-site for proper recycling.

Following the removal of the tank, the base of the excavation was inspected, and no evidence of stained soil was observed. The final excavation measured approximately 7-feet wide, 9-feet long and 6-feet 6-inches deep. Groundwater was not encountered within the excavation. A copy of the excavation log for the Tank 1 excavation is included in Appendix D.

Since groundwater was not encountered within the excavation, once the tank was removed from the excavation, in accordance with DER-10 Section 5.5, ATC collected two (2) soil samples (EB-North and EB-South) from the base of the excavation and one (1) soil sample (Piping) from below the suspected area of the former piping, for a total of three (3) soil samples. Soil samples EB-North and EB-South were collected from 6.5-7.0 feet below ground surface, which was the first 0 to 6 inch interval beneath the base of the tank and soil sample Piping was collected from 2.0-2.5 feet below ground surface, which was the first 0 to 6 inch interval beneath the suspected area of the former feed/return lines. Figure 3 illustrates the locations of the post-excavation soil samples collected from the Tank 1 excavation.

The post excavation soil samples were placed in an ice filled cooler and delivered to Hygeia Laboratories, Inc. (Hygeia). All soil samples were submitted for analysis of volatile organics (VOs) and semi-volatile organic (SVOs) for NYSDEC Spill Technology And Remediation Series (STARS) Memo #1 Petroleum-Contaminated Soil Guidance Policy listed compounds. Soil sample results are summarized on Table 1; a copy of the laboratory report is provided in Appendix D.

As the sample results indicate, no VO or SVO compounds were detected in excess of their method detection limits. Therefore all results are well below the NYSDEC's applicable soil cleanup criteria.

Following the collection of post-excavation soil samples, the area was backfilled to grade with clean stone.

4.0 RESIDUAL DISPOSAL

As indicated in Section 3, documentation for the disposal of all residual liquids evacuated from the UST at the facility is provided in Appendix B. The tank was transported off-site as scrap metal for the disposal/recycling.

5.0 GROUNDWATER INVESTIGATION

Since groundwater was observed beneath the impacted soils encountered during the closure of Tank 2 performed by Northeast Environmental, a groundwater investigation was conducted at the Site in accordance with the correspondence from the WCDOH dated November 12, 2003.

5.1 FEBRUARY 2004 GROUNDWATER SAMPLING & ANALYSIS METHODS

On February 12, 2004 ATC personnel collected a total of three (3) groundwater samples from the Site; one (1) groundwater sample (MW-1) was collected from Site's existing monitoring well, MW-1, and two (2) groundwater samples (B-1 and B-2) were collected from two (2) temporary monitoring wells installed on February 12, 2004. Figure 4 illustrates the locations of the monitoring well and the temporary well locations.

The samples were delivered to AmeriSci of Weymouth, Massachusetts for analyses of VO compounds in accordance with EPA Method 8260 and SVO compounds in accordance with EPA Method 8270.

5.2 ANALYTICAL RESULTS

A summary of all VO and SVO compounds detected in the groundwater sample during the February 12, 2004 groundwater sampling event are provided in Table 2. A complete laboratory analytical report for the February 2004 sampling round is provided in Appendix E.

As the laboratory data indicates, with the exception of 2-Methylnaphthalene and Methyl-Tert-Butyl-Ether (MTBE) detected in B-1 and B-2, respectively, no VO or SVO compounds were detected in excess of the method detection limits. With respect to the concentrations of 2-Methylnaphthalene (6.01 parts per billion (ppb)) and MTBE (7.92 ppb), these concentrations were not detected in excess of their respective NYSDEC groundwater quality criteria of 50 ppb and 10 ppb.

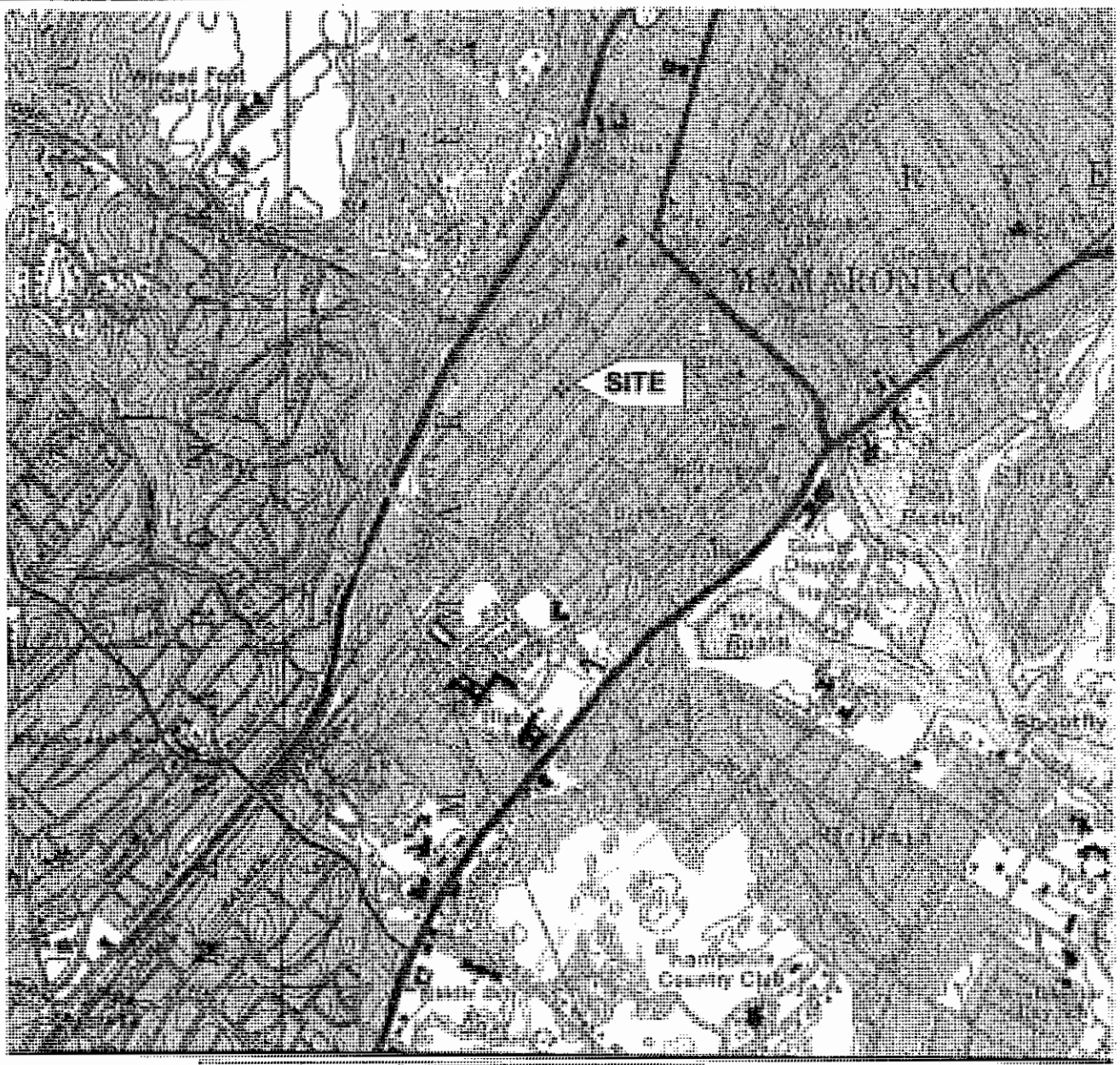
6.0 CONCLUSIONS AND RECOMMENDATIONS

ATC has implemented specific site investigation activities in accordance with the requirements set forth in DER-10 and a WCDOH correspondence dated November 12, 2003. The UST system was properly closed, and the results of all investigation and soil sampling analyses has documented that no soil contamination in excess of the NYSDEC soil cleanup criteria exists in the vicinity of former Tank 1.

Further, a limited groundwater investigation performed for the removal of Tank 2 indicated that no VO or SVO compounds were detected in groundwater beneath the Site at concentrations in excess of the NYSDEC groundwater quality criteria.

Therefore, ATC recommends no further action for the soil or groundwater in the vicinity of Tanks 1 and 2 at the Site and NYSDEC Spill No. 03-04697 be closed by the WCDOH.

FIGURES



Map center is UTM 18 605833E 4534004N (WGS84/NAD83)
Mamaroneck quadrangle
Projection is UTM Zone 18 NAD83 Datum

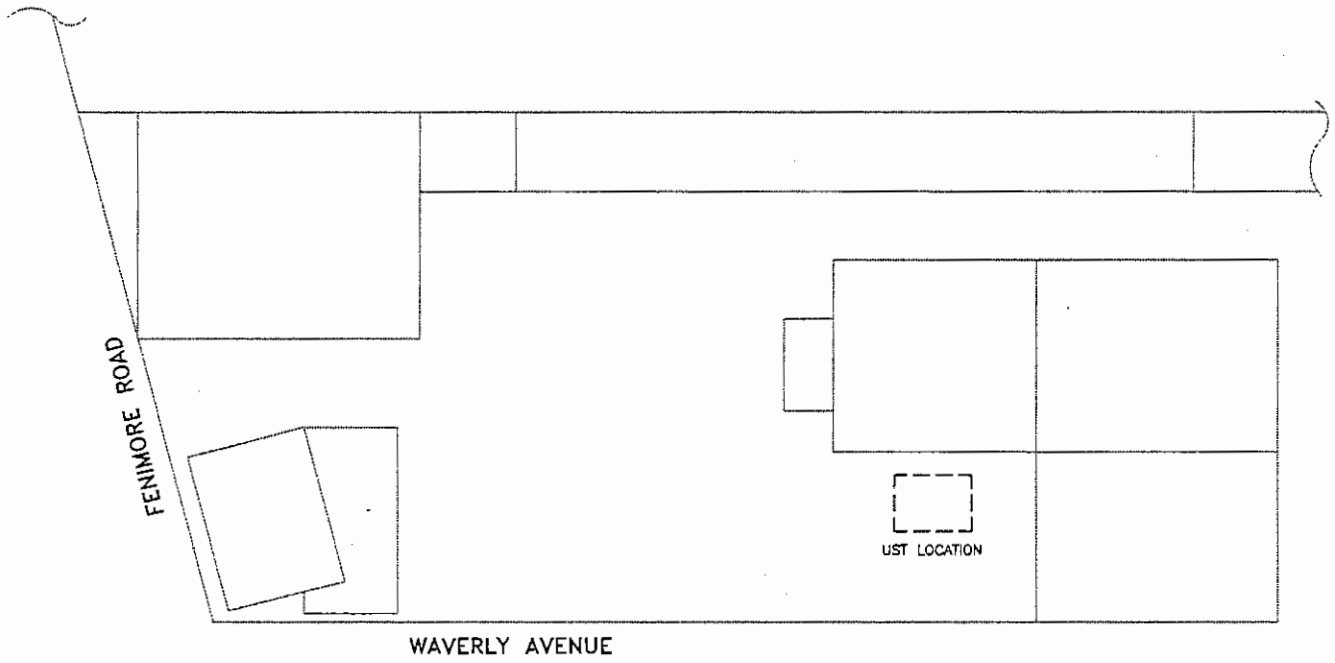
VATC ASSOCIATES INC.
104 East 25th Street, 8th Floor
New York, NY 10010-2917
Phone (212) 353-8280 Fax (212) 979-8447

N

USGS 7.5 Quad Index
Mamaroneck, NY

FIGURE 1 -SITE LOCATION MAP

SITE:	East Coast North Properties 316 Waverly Avenue Mamaroneck, New York
CLIENT:	East Coast North Properties
PROJECT #:	15.26950.0001
SCALE:	As indicated



NO.	DESCRIPTION	DATE	APP.

DRAWN BY: M. SVERDEL
REVISED BY:
DESIGNED BY: M. MORRIS
CHECKED BY: M. MORRIS

EAST COST NORTH PROPERTIES
416 WAVERLY AVENUE
MAMARONECK, NY

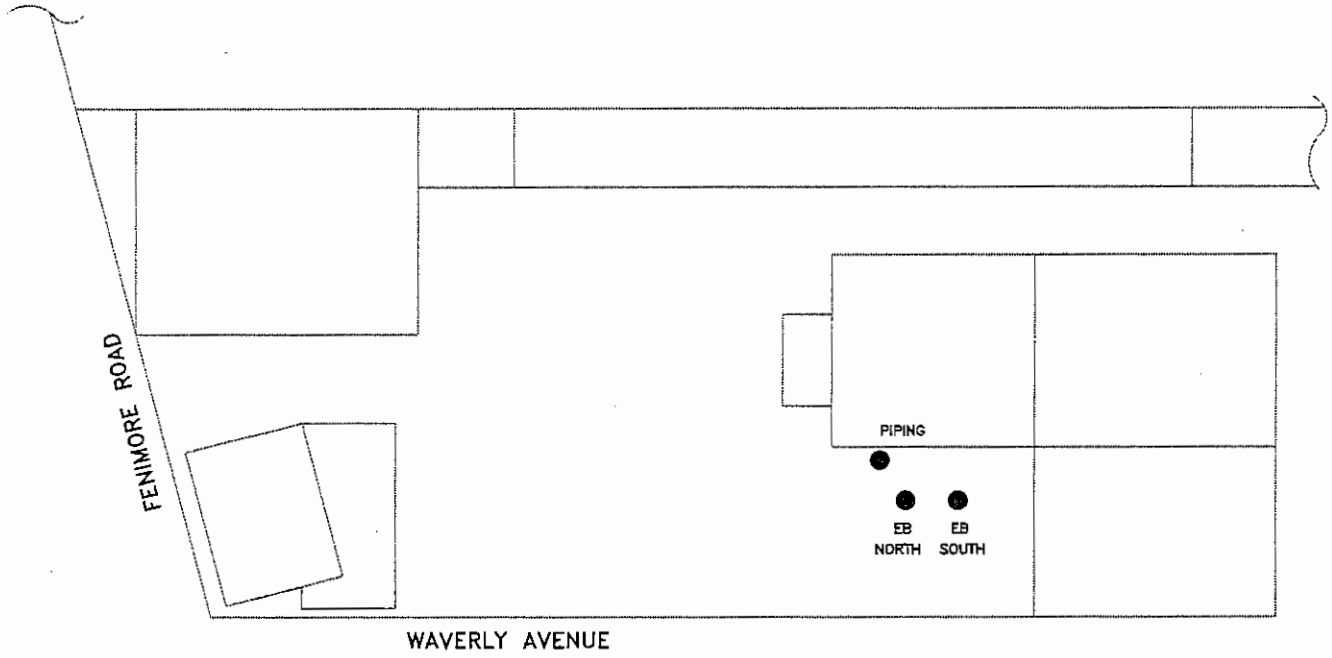
ATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS
104 E. 25th Street, 10th Floor • New York, NY 10010-2917
(212) 353-8280 • FAX: (212) 353-8306

DRAWING TITLE:
UST LOCATION MAP

SCALE: N.T.S.
ATC PROJECT #15.26450.0001

DRAWING NO. FIG. 2
SHT. 2 OF 4
DATE: MARCH 2004
REVISION No. 0

FILE-M:\CAD\2009\26450.001



LEGEND

● SOIL SAMPLE LOCATION

NO.	DESCRIPTION	DATE	APP.

DRAWN BY: M. SVERDEL
REVISED BY:
DESIGNED BY: M. MORRIS
CHECKED BY: M. MORRIS

EAST COST NORTH PROPERTIES
416 WAVERLY AVENUE
MAMARONECK, NY

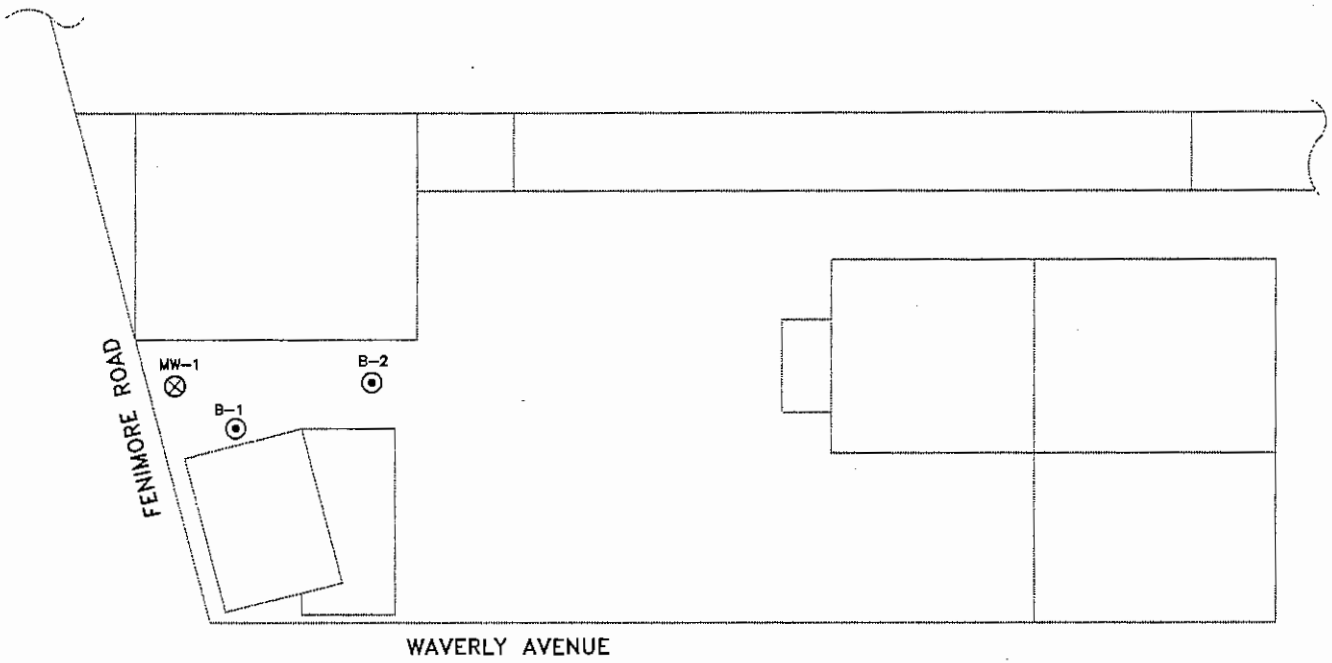
ATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS
104 E. 25th Street, 10th Floor • New York, NY 10010-2917
(212) 353-8280 • FAX: (212) 353-8306

DRAWING TITLE:
SOIL SAMPLE LOCATION MAP

SCALE: N.T.S.
ATC PROJECT #15.26450.0001

DRAWING NO. FIG. 3
SHT. 3 OF 4
DATE: MARCH 2004
REVISION No. 0

FILE-M:\CAD\26450.001



LEGEND

⊙ GROUNDWATER SAMPLE LOCATION

⊗ MONITORING WELL SAMPLE LOCATION

NO.	DESCRIPTION	DATE	APP.

DRAWN BY: M. SVERDEL
REVISED BY:
DESIGNED BY: M. MORRIS
CHECKED BY: M. MORRIS

EAST COST NORTH PROPERTIES
416 WAVERLY AVENUE
MAMARONECK, NY

ATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS
104 E. 25th Street, 10th Floor • New York, NY 10010-2917
(212) 353-8280 • FAX: (212) 353-8306

DRAWING TITLE:
GROUNDWATER SAMPLE LOCATION MAP

SCALE: N.T.S.
ATC PROJECT #15.26450.0001

DRAWING NO.: FIG. 4
SHT. 4 OF 4
DATE: MARCH 2004
REVISION No. 0

FILE-M:\CAD\2000\26450.001

TABLES

TABLE 1
SOIL SAMPLE RESULTS - FEBRUARY 2004
EAST COAST PROPERTIES
416 WAVERLY AVENUE, MAMARONECK, NEW YORK

Sample ID. **Lab Sample Number** **Sample Depth (ft)*** **Date Collected** **Media**	EB-North 04020282-01 6.5-7.0 02/05/04 Soil	EB-South 04020282-02 6.5-7.0 02/05/04 Soil	Piping 04020282-03 2.0-2.5 02/05/04 Soil	**TAGM** **Recommended** **Soil Cleanup** **Guidance Objective**
STARS Volatile Organic Compounds (ug/kg)	ND	ND	ND	NS
STARS Semi-Volatile Organic Compounds (ug/kg)	ND	ND	ND	NS

*-Sample depth is in feet below ground surface
ND-Detected below method detection limits
NS-No Standard

Prepared by:
ATC Associates Inc.
3/22/2004

TABLE 2
GROUNDWATER SAMPLE RESULTS - FEBRUARY 2004
EAST COAST PROPERTIES
416 WAVERLY AVENUE, MAMARONECK, NEW YORK

Sample ID. **Lab Sample Number** **Date Collected** **Media**	B-1 001 02/12/04 Groundwater	B-2 002 02/12/04 Groundwater	MW-1 003 02/12/04 Groundwater	**NYSDEC Groundwater Quality Standards**
Volatile Organic Compounds (ug/kg)				
2-methylnaphthalene	6.01	ND	ND	NS
Methyl-Tert-Butyl-Ether	ND	7.92	ND	10
Semi-Volatile Organic Compounds (ug/kg)	ND	ND	ND	NS

*-Sample depth is in feet below ground surface
ND-Detected below method detection limits
NS-No Standard

Prepared by:
ATC Associates Inc.
3/22/2004

APPENDIX A

Local Construction Permit

VILLAGE OF MAMARONECK

BUILDING DEPARTMENT

This notice must be prominently displayed on the property or premises to which it pertains.

BUILDING PERMIT

PERMIT NO. 21336 FOR removal of 550 gallon underground storage tank

DATE ISSUED DEC 12 03 EXPIRES May 12, 2004

LOCATION 416 Waverly Avenue SEC. 8 BLOCK 111 LOT(S) 29-42

OWNER East Coast North Properties ADDRESS 416 Waverly Avenue, Mamaroneck, NY

ARCHITECT ADDRESS

CONTRACTOR Murphy Contractors, Inc. ADDRESS 19 Revere Rod, Larchmont, NY

NOTICE: All work shall be executed in strict compliance with the permit application, approved plans, the NYS Uniform Fire Prevention and Building Code, and all other laws, rules and regulations which apply. The building permit does not constitute authority to build in violation of any federal, state or local law or other rule or regulation.

BEFORE THE BUILDING OR ANY PART THEREOF IS OCCUPIED A CERTIFICATE OF OCCUPANCY MUST BE OBTAINED FROM THE BUILDING DEPARTMENT.

As Per Resolution,
Board of Appeals # _____ _____,

Richard J. Carroll
Building Inspector – Village of Mamaroneck

Last Revised: 9/03

PAGE 04
MURPHY BROTHERS
01/12/2004 15:55 9147766558

APPENDIX B

Residual Product Disposal Manifest

Lorco Petroleum Services
450 South Front St.
Elizabeth, NJ 07202
(908) 820-8800
(800) 734-0910
FAX: (908) 820-8412

LORCO PETROLEUM SERVICES

www.lorcopetroleum.com

#1

STANDARD COLLECTION ORDER FORM

474925

SALES ORDER # 0931089

GENERATOR/LOCATION

NAME: Old Lumber Yard
INFORMATION/ATTENTION LINE:
ACCOUNT APPROVAL CODE:
DELIVERY ADDRESS: 416 Waverly Ave
CITY: Mamaroneck STATE: NY ZIP: 08752
PHONE NUMBER: –
PURCHASE ORDER NUMBER:
TIME IN: 6:30 AM TIME OUT: 10:30 AM

BILL TO (IF DIFFERENT FROM LOCATION)

NAME: GeoCore
INFORMATION/ATTENTION LINE: P.O. Box 459
ACCOUNT APPROVAL CODE: 0030203
DELIVERY ADDRESS: Seaside P
CITY: Seaside Park STATE: NJ ZIP: 08752
PHONE NUMBER: Mick (908) 600-0508
PURCHASE ORDER NUMBER:
MANIFEST NUMBER: 4 602 782

SHIPPING INFORMATION

This is to certify that the below named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

NO.	TYPE	QTY.	UNIT	US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

SALES REPRESENTATIVE

SERVICE SECTION

SALES CODE	DESCRIPTION	WASTE CODE	QUANTITY	UNIT PRICE	PRICE	TAX	LINE TOTAL
40500	USED OIL REMOVAL						
40300	ANTI-FREEZE REMOVAL						
40400	OILY WATER DISPOSAL		GL				
41100	SLUDGE DISPOSAL		999				
41000	GASOLINE/WATER						
40900	DRUM DISPOSAL		12" L				
41507	TANK ENTRY						
40600	OIL FILTER REMOVAL						
40800	PARTS WASHER SERVICE						
40611	NEW 55 GAL DRUM / 17H						
42001	DEXSIL TEST KIT TAX						
41506	TRANSPORTATION						
40700	LLD ANTI-FREEZE						
41508	TRUCK AND OPERATOR		* Vac-out Oil + Sludge From 500 Gal Tank				
					TOTAL		

PARTS WASHER SERVICE INTERVAL _____ DAYS.
USED OIL CUSTOMER SERVICED EVERY 30 DAYS UNLESS OTHERWISE INDICATED.
USED OIL SERVICE INTERVAL _____ DAYS.

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED LORCO HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261, GENERATOR AGREES TO INDEMNIFY AND HOLD LORCO HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

Generator certifies that the waste is ☒ used oil ☐ used antifreeze ☐ oily water ☐ oil filter ☐ parts washer solvent

☒ Other Sludge
Description

In accordance the N.J.A.C. 7:26-12.1 et seq, LORCO has the required permits to accept the above described waste.

X Norma Newton agent for owner
Print Name Title

X [signature] 2/5/04
Signature Date

GENERATOR/CUSTOMER Thursday

CUSTOMER

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR CERTIFICATION

I certify that this generator generates less than 100 kilograms of hazardous waste per month, as defined at 40 C.F.R. 261, and does not accumulate more than 1,000 kilograms of such waste during the month.

X [signature]
GENERATOR'S SIGNATURE

NON CONDITIONALLY EXEMPT LARGE QUANTITY GENERATOR CERTIFICATION

DEXSIL CDT TEST RESULTS

X N/A PPM

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. $ _____
INVOICES REFLECTING CHARGES TO CUSTOMER ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OF 1½% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, LORCO SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES. INITIAL _____

PAYMENT RECEIVED SECTION

CASH ☐	TOTAL RECEIVED
CHECK NUMBER	

In accordance with NJAC7:26-6.7b + 40CFR PART 279 LORCO has notified the US EPA of its location and used oil management activities.

X B. Alvarez
Print Name

X B. Alvarez 2/5/04
Signature Date

LORCO REPRESENTATIVE

APPENDIX C

Soil Profile Log - Excavation

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: East Coast North Properties Project Number: 15.26950.0001 Task Number: 0001	Tank Excavation Log
Contractor: GeoCore and Environmental Services, Inc. Consultant: Michael J. Morris	Location: Murphy Brothers Contracting 416 Waverly Avenue Mamaroneck, New York	
Groundwater Observations: Not Encountered		Date Start: 2/5/04 Date Complete: 2/5/04

Depth	Sample #	Sample Type	Recovery (in.)	density or moist	PID	Field Identification of Soil	Remarks
0			NA	Dry	NIR	Asphalt Road Stone Medium/fine/coarse sand with cinder block Medium gravel	
	Piping	1,2		Dry	NIR		
4							
	EB-N and S	1,2		Dry	NIR		
8							
				Moist	NIR	Native – silty sand End of Excavation	
12							
16							
20							

1,2 = VOCs and SVOCs for STARS listed compounds
NIR = No Instrument Response

APPENDIX D

Soil Sampling Analytical Data Report – February 2004

HYGEIA LABORATORIES, INC.

1300 Williams Drive, Suite A - Marietta, Georgia 30066-6299 - (770) 514-6933, FAX (770) 514-6966

February 17, 2004

Cortney Denison
ATC Associates
104 East 25th Street, 10th Floor
New York, NY 10010

Dear Cortney Denison:

Samples for ATC Project Name: Murphy Bros Contracting, were received by our subcontract laboratory, SPL Laboratories, Houston, on 2/9/04 SPL Laboratories, Houston, is certified in the State of New York, Certificate No. 036452. Your final report and billing notification are included with this letter.

If you have any questions regarding your final report or technical questions related to your results contact Sonia West at SPL Laboratories, Houston, 800-969-6775, or by email swest@spl-inc.com.

Thank you.

Sincerely yours,

Randy Brown

Randy Brown
Laboratory Manager

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Hygeia Laboratories, Inc.

Certificate of Analysis Number:

04020282

Report To:		Project Name:	Murphy Bros. Contracting
ATC Associates, Inc. Cortney Denison 104 E. 25th Street, 10th Floor New York NY 10010-2917 ph (212) 353-8280 fax:		Site:	104 East 25th St.
		Site Address:	
		PO Number:	
		State:	New York
		State Cert. No.:	036452
		Date Reported:	2/16/04

This Report Contains A Total Of 17 Pages

Excluding This Page

2/16/04

Date

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Case Narrative for:

Hygeia Laboratories, Inc.

Certificate of Analysis Number:

04020282

Report To:		Project Name:	Murphy Bros. Contracting
ATC Associates, Inc. Cortney Denison 104 E. 25th Street, 10th Floor		Site:	104 East 25th St.
		Site Address:	
		PO Number:	
New York NY 10010-2917		State:	New York
		State Cert. No.:	036452
ph (212) 353-8280	fax:	Date Reported:	2/16/04

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

Sonia West

Sonia West
Senior Project Manager

Date

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Hygeia Laboratories, Inc.

Certificate of Analysis Number:

04020282

Report To: ATC Associates, Inc.
Cortney Denison
104 E. 25th Street, 10th Floor

New York
NY
10010-2917
ph (212) 353-8280 fax:

Fax To:

Project Name: Murphy Bros. Contracting
Site: 104 East 25th St.
Site Address:

PO Number:
State: New York
State Cert. No.: 036452
Date Reported: 2/16/04

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
EB-North	04020282-01	Soil	2/5/04 1:00:00 PM	2/9/04 9:30:00 AM	0000000	☐
EB-South	04020282-02	Soil	2/5/04 1:00:00 PM	2/9/04 9:30:00 AM	0000000	☐
Piping	04020282-03	Soil	2/5/04 1:00:00 PM	2/9/04 9:30:00 AM	0000000	☐

Sonia West
Senior Project Manager

2/16/04
Date

Joel Grice
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: EB-North **Collected:** 02/05/2004 13:00 **SPL Sample ID:** 04020282-01

Site: 104 East 25th St.

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
PERCENT MOISTURE				**MCL**	**D2216**		**Units: wt%**		
Percent Moisture	6		0		1		02/04/09 17:30	T_V	2074274
SEMIVOLATILE ORGANICS BY METHOD 8270C				**MCL**	**SW8270C**		**Units: ug/Kg-dry**		
Acenaphthene	ND		350		1		02/12/04 20:40	GQ	2081463
Anthracene	ND		350		1		02/12/04 20:40	GQ	2081463
Benz(a)anthracene	ND		350		1		02/12/04 20:40	GQ	2081463
Benzo(a)pyrene	ND		350		1		02/12/04 20:40	GQ	2081463
Benzo(b)fluoranthene	ND		350		1		02/12/04 20:40	GQ	2081463
Benzo(g,h,i)perylene	ND		350		1		02/12/04 20:40	GQ	2081463
Benzo(k)fluoranthene	ND		350		1		02/12/04 20:40	GQ	2081463
Chrysene	ND		350		1		02/12/04 20:40	GQ	2081463
Dibenz(a,h)anthracene	ND		350		1		02/12/04 20:40	GQ	2081463
Fluoranthene	ND		350		1		02/12/04 20:40	GQ	2081463
Fluorene	ND		350		1		02/12/04 20:40	GQ	2081463
Indeno(1,2,3-cd)pyrene	ND		350		1		02/12/04 20:40	GQ	2081463
Naphthalene	ND		350		1		02/12/04 20:40	GQ	2081463
Phenanthrene	ND		350		1		02/12/04 20:40	GQ	2081463
Pyrene	ND		350		1		02/12/04 20:40	GQ	2081463
Surr: 2,4,6-Tribromophenol	96.0	%	19-135		1		02/12/04 20:40	GQ	2081463
Surr: 2-Fluorobiphenyl	106	%	15-140		1		02/12/04 20:40	GQ	2081463
Surr: 2-Fluorophenol	84.0	%	15-122		1		02/12/04 20:40	GQ	2081463
Surr: Nitrobenzene-d5	88.2	%	10-134		1		02/12/04 20:40	GQ	2081463
Surr: Phenol-d5	88.0	%	10-123		1		02/12/04 20:40	GQ	2081463
Surr: Terphenyl-d14	94.1	%	18-166		1		02/12/04 20:40	GQ	2081463

Prep Method	Prep Date	Prep Initials
SW3550B	02/09/2004 11:32	DMN

Sonia West
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: EB-North **Collected:** 02/05/2004 13:00 **SPL Sample ID:** 04020282-01

Site: 104 East 25th St.

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**		**Units: ug/kg-dry**		
1,2,4-Trimethylbenzene	ND		5.3	1		02/11/04 21:10	KA	2078611
1,3,5-Trimethylbenzene	ND		5.3	1		02/11/04 21:10	KA	2078611
4-Isopropyltoluene	ND		5.3	1		02/11/04 21:10	KA	2078611
Benzene	ND		5.3	1		02/11/04 21:10	KA	2078611
Ethylbenzene	ND		5.3	1		02/11/04 21:10	KA	2078611
Isopropylbenzene	ND		5.3	1		02/11/04 21:10	KA	2078611
Methyl tert-butyl ether	ND		5.3	1		02/11/04 21:10	KA	2078611
n-Butylbenzene	ND		5.3	1		02/11/04 21:10	KA	2078611
n-Propylbenzene	ND		5.3	1		02/11/04 21:10	KA	2078611
Naphthalene	ND		5.3	1		02/11/04 21:10	KA	2078611
sec-Butylbenzene	ND		5.3	1		02/11/04 21:10	KA	2078611
Toluene	ND		5.3	1		02/11/04 21:10	KA	2078611
m,p-Xylene	ND		5.3	1		02/11/04 21:10	KA	2078611
o-Xylene	ND		5.3	1		02/11/04 21:10	KA	2078611
Xylenes,Total	ND		5.3	1		02/11/04 21:10	KA	2078611
Surr: 1,2-Dichloroethane-d4	96.3	%	41-155	1		02/11/04 21:10	KA	2078611
Surr: 4-Bromofluorobenzene	92.6	%	64-147	1		02/11/04 21:10	KA	2078611
Surr: Toluene-d8	95.0	%	52-152	1		02/11/04 21:10	KA	2078611

Sonia West

Sonia West
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: EB-South **Collected:** 02/05/2004 13:00 **SPL Sample ID:** 04020282-02

Site: 104 East 25th St.

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
PERCENT MOISTURE				**MCL**	**D2216**		**Units: wt%**		
Percent Moisture	5.3		0		1		02/04/09 17:30	T_V	2074276
SEMIVOLATILE ORGANICS BY METHOD 8270C				**MCL**	**SW8270C**		**Units: ug/Kg-dry**		
Acenaphthene	ND		350		1		02/13/04 22:31	GQ	2081791
Anthracene	ND		350		1		02/13/04 22:31	GQ	2081791
Benz(a)anthracene	ND		350		1		02/13/04 22:31	GQ	2081791
Benzo(a)pyrene	ND		350		1		02/13/04 22:31	GQ	2081791
Benzo(b)fluoranthene	ND		350		1		02/13/04 22:31	GQ	2081791
Benzo(g,h,i)perylene	ND		350		1		02/13/04 22:31	GQ	2081791
Benzo(k)fluoranthene	ND		350		1		02/13/04 22:31	GQ	2081791
Chrysene	ND		350		1		02/13/04 22:31	GQ	2081791
Dibenz(a,h)anthracene	ND		350		1		02/13/04 22:31	GQ	2081791
Fluoranthene	ND		350		1		02/13/04 22:31	GQ	2081791
Fluorene	ND		350		1		02/13/04 22:31	GQ	2081791
Indeno(1,2,3-cd)pyrene	ND		350		1		02/13/04 22:31	GQ	2081791
Naphthalene	ND		350		1		02/13/04 22:31	GQ	2081791
Phenanthrene	ND		350		1		02/13/04 22:31	GQ	2081791
Pyrene	ND		350		1		02/13/04 22:31	GQ	2081791
Surr: 2,4,6-Tribromophenol	108	%	19-135		1		02/13/04 22:31	GQ	2081791
Surr: 2-Fluorobiphenyl	106	%	15-140		1		02/13/04 22:31	GQ	2081791
Surr: 2-Fluorophenol	88.0	%	15-122		1		02/13/04 22:31	GQ	2081791
Surr: Nitrobenzene-d5	94.1	%	10-134		1		02/13/04 22:31	GQ	2081791
Surr: Phenol-d5	92.0	%	10-123		1		02/13/04 22:31	GQ	2081791
Surr: Terphenyl-d14	106	%	18-166		1		02/13/04 22:31	GQ	2081791

Prep Method	Prep Date	Prep Initials
SW3550B	02/09/2004 11:32	DMN

Sonia West
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: EB-South **Collected:** 02/05/2004 13:00 **SPL Sample ID:** 04020282-02

Site: 104 East 25th St.

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B				**MCL**	**SW8260B**		**Units: ug/kg-dry**		
1,2,4-Trimethylbenzene	ND		5.3		1		02/11/04 21:43	KA	2078612
1,3,5-Trimethylbenzene	ND		5.3		1		02/11/04 21:43	KA	2078612
4-Isopropyltoluene	ND		5.3		1		02/11/04 21:43	KA	2078612
Benzene	ND		5.3		1		02/11/04 21:43	KA	2078612
Ethylbenzene	ND		5.3		1		02/11/04 21:43	KA	2078612
Isopropylbenzene	ND		5.3		1		02/11/04 21:43	KA	2078612
Methyl tert-butyl ether	ND		5.3		1		02/11/04 21:43	KA	2078612
n-Butylbenzene	ND		5.3		1		02/11/04 21:43	KA	2078612
n-Propylbenzene	ND		5.3		1		02/11/04 21:43	KA	2078612
Naphthalene	ND		5.3		1		02/11/04 21:43	KA	2078612
sec-Butylbenzene	ND		5.3		1		02/11/04 21:43	KA	2078612
Toluene	ND		5.3		1		02/11/04 21:43	KA	2078612
m,p-Xylene	ND		5.3		1		02/11/04 21:43	KA	2078612
o-Xylene	ND		5.3		1		02/11/04 21:43	KA	2078612
Xylenes,Total	ND		5.3		1		02/11/04 21:43	KA	2078612
Surr: 1,2-Dichloroethane-d4	96.5	%	41-155		1		02/11/04 21:43	KA	2078612
Surr: 4-Bromofluorobenzene	96.1	%	64-147		1		02/11/04 21:43	KA	2078612
Surr: Toluene-d8	100	%	52-152		1		02/11/04 21:43	KA	2078612

Sonia West
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
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MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: Piping **Collected:** 02/05/2004 13:00 **SPL Sample ID:** 04020282-03

Site: 104 East 25th St.

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
PERCENT MOISTURE			**MCL**	**D2216**		**Units: wt%**		
Percent Moisture	5.7		0	1		02/04/09 17:30	T_V	2074277
SEMIVOLATILE ORGANICS BY METHOD 8270C			**MCL**	**SW8270C**		**Units: ug/Kg-dry**		
Acenaphthene	ND		350	1		02/13/04 15:17	GQ	2081623
Anthracene	ND		350	1		02/13/04 15:17	GQ	2081623
Benz(a)anthracene	ND		350	1		02/13/04 15:17	GQ	2081623
Benzo(a)pyrene	ND		350	1		02/13/04 15:17	GQ	2081623
Benzo(b)fluoranthene	ND		350	1		02/13/04 15:17	GQ	2081623
Benzo(g,h,i)perylene	ND		350	1		02/13/04 15:17	GQ	2081623
Benzo(k)fluoranthene	ND		350	1		02/13/04 15:17	GQ	2081623
Chrysene	ND		350	1		02/13/04 15:17	GQ	2081623
Dibenz(a,h)anthracene	ND		350	1		02/13/04 15:17	GQ	2081623
Fluoranthene	ND		350	1		02/13/04 15:17	GQ	2081623
Fluorene	ND		350	1		02/13/04 15:17	GQ	2081623
Indeno(1,2,3-cd)pyrene	ND		350	1		02/13/04 15:17	GQ	2081623
Naphthalene	ND		350	1		02/13/04 15:17	GQ	2081623
Phenanthrene	ND		350	1		02/13/04 15:17	GQ	2081623
Pyrene	ND		350	1		02/13/04 15:17	GQ	2081623
Surr: 2,4,6-Tribromophenol	60.0	%	19-135	1		02/13/04 15:17	GQ	2081623
Surr: 2-Fluorobiphenyl	48.2	%	15-140	1		02/13/04 15:17	GQ	2081623
Surr: 2-Fluorophenol	44.0	%	15-122	1		02/13/04 15:17	GQ	2081623
Surr: Nitrobenzene-d5	44.7	%	10-134	1		02/13/04 15:17	GQ	2081623
Surr: Phenol-d5	44.0	%	10-123	1		02/13/04 15:17	GQ	2081623
Surr: Terphenyl-d14	70.6	%	18-166	1		02/13/04 15:17	GQ	2081623

Prep Method	Prep Date	Prep Initials
SW3550B	02/09/2004 11:32	DMN

Sonia West
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: Piping **Collected:** 02/05/2004 13:00 **SPL Sample ID:** 04020282-03

Site: 104 East 25th St.

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**		**Units: ug/kg-dry**		
1,2,4-Trimethylbenzene	ND		5.3	1		02/11/04 22:16	KA	2078613
1,3,5-Trimethylbenzene	ND		5.3	1		02/11/04 22:16	KA	2078613
4-Isopropyltoluene	ND		5.3	1		02/11/04 22:16	KA	2078613
Benzene	ND		5.3	1		02/11/04 22:16	KA	2078613
Ethylbenzene	ND		5.3	1		02/11/04 22:16	KA	2078613
Isopropylbenzene	ND		5.3	1		02/11/04 22:16	KA	2078613
Methyl tert-butyl ether	ND		5.3	1		02/11/04 22:16	KA	2078613
n-Butylbenzene	ND		5.3	1		02/11/04 22:16	KA	2078613
n-Propylbenzene	ND		5.3	1		02/11/04 22:16	KA	2078613
Naphthalene	ND		5.3	1		02/11/04 22:16	KA	2078613
sec-Butylbenzene	ND		5.3	1		02/11/04 22:16	KA	2078613
Toluene	ND		5.3	1		02/11/04 22:16	KA	2078613
m,p-Xylene	ND		5.3	1		02/11/04 22:16	KA	2078613
o-Xylene	ND		5.3	1		02/11/04 22:16	KA	2078613
Xylenes,Total	ND		5.3	1		02/11/04 22:16	KA	2078613
Surr: 1,2-Dichloroethane-d4	100	%	41-155	1		02/11/04 22:16	KA	2078613
Surr: 4-Bromofluorobenzene	94.9	%	64-147	1		02/11/04 22:16	KA	2078613
Surr: Toluene-d8	95.3	%	52-152	1		02/11/04 22:16	KA	2078613

Sonia West
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Hygeia Laboratories, Inc.
Murphy Bros. Contracting

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 04020282
Lab Batch ID: R104176

Method Blank

RunID: MSDVOA1_040211A-20787 Units: ug/kg
Analysis Date: 02/12/2004 5:25 Analyst: KA

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04020282-01A	EB-North
04020282-02A	EB-South
04020282-03A	Piping

Analyte	Result	Rep Limit
1,2,4-Trimethylbenzene	ND	5.
1,3,5-Trimethylbenzene	ND	5.
4-Isopropyltoluene	ND	5.
Benzen	ND	5.
Ethylbenzene	ND	5.
Isopropylbenzene	ND	5.
Methyl tert-butyl ether	ND	5.
n-Butylbenzene	ND	5.
n-Propylbenzene	ND	5.
Naphthalene	ND	5.
sec-Butylbenzene	ND	5.
Toluen	ND	5.
m,p-Xylene	ND	5.
o-Xylene	ND	5.
Xylenes,Total	ND	5.
Surr: 1,2-Dichloroethane-d	114.	41-15
Surr: 4-Bromofluorobenzen	97.	64-14
Surr: Toluene-d	99.	52-15

Laboratory Control Sample (LCS)

RunID: MSDVOA1_040211A-20785 Units:
Analysis Date: 02/11/2004 16:12 Analyst: KA

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20	22.4	112	70	130
Toluene	20	21.6	108	73	130
Xylenes,Total	60	70.8	118	77	130

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 04011028-01
RunID: MSDVOA1_040211A-20786 Units: ug/kg-dry
Analysis Date: 02/12/2004 3:47 Analyst: KA

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Hygeia Laboratories, Inc.

Murphy Bros. Contracting

Analysis: Volatile Organics by Method 8260B **WorkOrder:** 04020282
Method: SW8260B **Lab Batch ID:** R104176

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20.4	16.6	81.1	20.4	19.5	95.2	16.0	33	41	154
Toluene	ND	20.4	15.4	75.2	20.4	18.8	91.9	19.9	36	50	151
Xylenes,Total	ND	61.3	43.3	70.6	61.3	53.8	87.7	21.6	35	49	126

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Quality Control Report

Hygeia Laboratories, Inc.

Murphy Bros. Contracting

Analysis: Semivolatile Organics by Method 8270C
Method: SW8270C
WorkOrder: 04020282
Lab Batch ID: 35357

Method Blank

RunID: P_040211A-2078218 Units: ug/Kg
Analysis Date: 02/11/2004 16:41 Analyst: GQ
Preparation Date: 02/09/2004 11:32 Prep By: DMN Method SW3550B

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04020282-01B	EB-North
04020282-02B	EB-South
04020282-03B	Piping

Analyte	Result	Rep Limit
Acenaphthene	ND	33
Anthracen	ND	33
Benz(a)anthracene	ND	33
Benzo(a)pyrene	ND	33
Benzo(b)fluoranthene	ND	33
Benzo(g,h,i)perylene	ND	33
Benzo(k)fluoranthene	ND	33
Chrysene	ND	33
Dibenz(a,h)anthracene	ND	33
Fluoranthen	ND	33
Fluoren	ND	33
Indeno(1,2,3-cd)pyrene	ND	33
Naphthalene	ND	33
Phenanthren	ND	33
Pyrene	ND	33
Surr: 2,4,6-Tribromophenol	112.	19-13
Surr: 2-Fluorobiphenyl	117.	15-14
Surr: 2-Fluorophenol	100.	15-12
Surr: Nitrobenzene-d	105.	10-13
Surr: Phenol-d	100.	10-12
Surr: Terphenyl-d14	111.	18-16

Laboratory Control Sample (LCS)

RunID: P_040212A-2079184 Units: ug/Kg
Analysis Date: 02/12/2004 13:47 Analyst: GQ
Preparation Date: 02/09/2004 11:32 Prep By: DMN Method SW3550B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Acenaphthene	850	840	98.8	30	160
Anthracene	850	910	107	27	133
Benz(a)anthracene	850	870	102	33	143
Benzo(a)pyrene	850	920	108	17	163
Benzo(b)fluoranthene	850	940	111	24	159
Benzo(g,h,i)perylene	850	1000	118	1	219
Benzo(k)fluoranthene	850	950	112	11	162
Chrysene	850	860	101	17	168
Dibenz(a,h)anthracene	850	1000	118	1	227
Fluoranthene	850	900	106	26	137
Fluorene	850	820	96.5	45	135

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Hygeia Laboratories, Inc.

Murphy Bros. Contracting

Analysis: Semivolatile Organics by Method 8270C **WorkOrder:** 04020282
Method: SW8270C **Lab Batch ID:** 35357

Laboratory Control Sample (LCS)

RunID: P_040212A-2079164 Units: ug/Kg
Analysis Date: 02/12/2004 13:47 Analyst: GQ
Preparation Date: 02/09/2004 11:32 Prep By: DMN Method SW3550B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Indeno(1,2,3-cd)pyrene	850	890	105	1	171
Naphthalene	850	840	98.8	21	133
Phenanthrene	850	950	112	45	135
Pyrene	850	810	95.3	26	127

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 04020254-01
RunID: P_040212A-2079365 Units: ug/kg-dry
Analysis Date: 02/12/2004 15:20 Analyst: GQ
Preparation Date: 02/09/2004 11:32 Prep By: DMN Method SW3550B

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Acenaphthene	ND	1090	1020	94.1	1090	972	89.4	5	31	30	160
Anthracene	ND	1090	1150	106	1090	1070	98.8	7	50	27	133
Benz(a)anthracene	ND	1090	1110	102	1090	1070	98.8	4	50	33	143
Benzo(a)pyrene	ND	1090	1110	102	1090	1110	102	0	60	17	163
Benzo(b)fluoranthene	ND	1090	1140	105	1090	1100	101	3	60	24	159
Benzo(g,h,i)perylene	ND	1090	1240	114	1090	1210	112	2	60	1	219
Benzo(k)fluoranthene	ND	1090	1100	101	1090	1130	104	2	60	11	162
Chrysene	ND	1090	1100	101	1090	1070	98.8	2	60	17	168
Dibenz(a,h)anthracene	ND	1090	1230	113	1090	1200	111	2	60	1	227
Fluoranthene	ND	1090	1160	107	1090	1130	104	3	60	26	137
Fluorene	ND	1090	1010	92.9	1090	972	89.4	4	60	45	135
Indeno(1,2,3-cd)pyrene	ND	1090	1160	107	1090	1100	101	6	60	1	171
Naphthalene	ND	1090	972	89.4	1090	946	87.1	3	60	21	133
Phenanthrene	ND	1090	1180	108	1090	1130	104	4	60	45	135
Pyrene	ND	1090	1020	94.1	1090	997	91.8	3	31	26	127

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Hygeia Laboratories, Inc.
Murphy Bros. Contracting

Analysis: PERCENT MOISTURE
Method: D2216

WorkOrder: 04020282
Lab Batch ID: R103983

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
04020282-01B	EB-North
04020282-02B	EB-South
04020282-03B	Piping

Sample Duplicate

Original Sample: 04020282-01
RunID: WET_040209M-2074274 Units: wt%
Analysis Date: 02/04/2009 17:30 Analyst: T_V

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Percent Moisture	6	5.8	3.39	20

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

Sample Receipt Checklist

And

Chain of Custody

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	04020282	Received By:	NB
Date and Time Received:	2/9/04 9:30:00 AM	Carrier name:	FedEx
Temperature:	4.5°C	Chilled by:	Water Ice

1.	Shipping container/cooler in good condition?	Ye	☑	No ☐	Not Present ☐
2.	Custody seals intact on shippping container/cooler?	Ye	☐	No ☐	Not Present ☑
3.	Custody seals intact on sample bottles?	Ye	☐	No ☐	Not Present ☑
4.	Chain of custody present?	Ye	☑	No ☐	
5.	Chain of custody signed when relinquished and receiv	Ye	☑	No ☐	
6.	Chain of custody agrees with sample labels?	Ye	☑	No ☐	
7.	Samples in proper container/bottle?	Ye	☑	No ☐	
8.	Sample containers intact?	Ye	☑	No ☐	
9.	Sufficient sample volume for indicated test?	Ye	☑	No ☐	
10.	All samples received within holding time?	Ye	☑	No ☐	
11.	Container/Temp Blank temperature in compliance?	Ye	☑	No ☐	
12.	Water - VOA vials have zero headspace	Ye	☐	No ☐	Not Applicable ☑
13.	Water - pH acceptable upon receipt?	Ye	☐	No ☐	Not Applicable ☑

SPL Representative: _____ Contact Date & Time: _____

Client Name Contacted: _____

Non Conformance Issues: _____

Client Instructions: _____

SPL

HYGEIA

Analysis Request & Chain of Custody Record

- ☐ 500 Ambassador Caffery Parkway, Scott, LA 70583 Ph: (337) 237-4775 Fax: (337) 237-7080
- ☐ 8880 Interchange Drive, Houston, TX 77054 Ph: (713) 660-0901 Fax: (713) 660-8975
- ☐ 459 Hughes Drive, Traverse City, MI 49684 Ph: (231) 947-5777 Fax: (231) 947-7455

SPL Work order No: 0402082

0000000

Page 1 of 1

Consultant Name: ATC Assoc. Project Manager: E-Mail Address:

Address: 104 East 25th St. New York, NY Phone: Fax: 212-353-8280

Invoice To: HYGEIA

Project Number:

Project Location:

Project Name: Murphy Bros Contracting

SAMPLE ID	DATE	TIME	comp	grab	Matrix (W = Water S = Soil SL = Sludge O = other)	bottle (P = plastic A = Amber glass)	size (1 = 1 liter 4 = 4 oz 40 = viial)	pres. (1 = HCL 2 = HNO3 3 = H2SO4 O = other)	Number of Containers	Requested Analysis: STARS VOCs 8260	Requested Analysis: STARS BNS 8270
EB-North	2/5/04	13:00		X	S	G	8oz	N/A	2	X	X
EB-South	"	"		X	S	G	8oz	N/A	2	X	X
piping	"	"		X	S	G	8oz	N/A	2	X	X

Client/Consultant Remarks:

Laboratory Remarks:

Intact? ☐ Y ☐ N

Temp: 4.5°C

Requested TAT

24 hr ☐ 72 hr ☐

5-Day ☐ Standard ☐

Other ☐ _____

Special Reporting Requirements: Fax Results ☐ .PDF File ☐

Raw data ☐ Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐

Special Detection Limit: (Specify)

PM Review

1. Relinquished by sampler: Anthony Donisan date: 2/5/04 time: 2. Received By:

3. Relinquished by: Anthony Donisan date: 2/5/04 time: 2/6/04 0935 4. Received By Laboratory:

x426 4993 7122 PO

1C

APPENDIX E

Groundwater Sampling Analytical Data Report – February 2004

AMERI SCI

Eight School Street
Weymouth, MA 02189
781-337-9334

Laboratory Report

Report Date 02/19/2004
Workorder No. 0402-00147

Customer: ATC Associates
104 East 25th Street
New York, NY 10010

Attention: MIKE MORRIS
Subject: 416 WAVERLY AVE.

Sample: 001 B-1
Date: 02/12/2004 **Time:** 10:00:00AM
Matrix: WATER

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Volatile Organics 8260					NAC	02/18/2004	
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Vinyl Chloride	EPA 8260B	ND	ug/L	2	NAC	02/18/2004	
Chloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromomethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Chloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Acrolein	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
Acetone	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Iodomethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
Methylene Chloride	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Acrylonitrile	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Chloroform	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromochloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Benzene	EPA 8260B	ND	ug/L	0.7	NAC	02/18/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

AMERI SCI

Customer: ATC Associates

Workorder No. 0402-00147

Sample: 001 **B-1**
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Trichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
4-Methyl-2-Pentanone (MIBK	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	1	NAC	02/18/2004	
Toluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	1	NAC	02/18/2004	
Bromodichloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
2-Hexanone	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Dibromochloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Chlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Ethylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
O-XYLENE	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	NAC	02/18/2004	
Styrene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromoform	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Isopropylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	2	NAC	02/18/2004	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
n-Propylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	

AMERI SCI

Customer: ATC Associates

Workorder No. 0402-00147

Sample: 001 B-1
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
n-Butylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	2	NAC	02/18/2004	
1,2-Dibromo-3-Chloropropan	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Naphthalene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
DIBROMOFLUOROMETHAN		93.10	%		NAC	02/18/2004	
TOLUENE-D8 (SURROGATE		115.2	%		NAC	02/18/2004	
4-BROMOFLUOROBENZEN		115.5	%		NAC	02/18/2004	
B/NA Extractables EPA 8270					NAC	02/17/2004	
N-Nitrosodimethylamine	EPA 8270	ND	ug/L	6	NAC	02/17/2004	
bis(2-Chloroethyl)ether	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Phenol	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
2-Chlorophenol	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
1,3-Dichlorobenzene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
1,4-Dichlorobenzene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
1,2-Dichlorobenzene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
2,2'-oxybis(1-Chloropropane	EPA 8270	ND	ug/L	12	NAC	02/17/2004	
2-Methyl Phenol	EPA 8270	ND	ug/L	12	NAC	02/17/2004	
Hexachloroethane	EPA 8270	ND	ug/L	2.4	NAC	02/17/2004	
N-Nitroso-di-n-propylamine	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
3&4-Methyl Phenol	EPA 8270	ND	ug/L	24	NAC	02/17/2004	
Nitrobenzene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Isophorone	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
2-Nitrophenol	EPA 8270	ND	ug/L	12	NAC	02/17/2004	
2,4-Dimethylphenol	EPA 8270	ND	ug/L	12	NAC	02/17/2004	
bis (2-Chloroethoxy)	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
2,4-Dichlorophenol	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
1,2,4-Trichlorobenzene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Naphthalene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
4-Chloroaniline	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Hexachlorobutadiene	EPA 8270	ND	ug/L	2.4	NAC	02/17/2004	
4-Chloro-3-methylphenol	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	

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Customer: ATC Associates

Workorder No. 0402-00147

Sample: 001 B-1
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
2-Methylnaphthalene	EPA 8270	6.01	ug/L	5.9	NAC	02/17/2004	
Hexachlorocyclopentadiene	EPA 8270	ND	ug/L	2.4	NAC	02/17/2004	
2,4,6-Trichlorophenol	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
2,4,5-Trichlorophenol	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
2-Chloronaphthalene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
2-Nitroaniline	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Acenaphthylene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Dimethyl Phthalate	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
2,6-Dinitrotoluene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Acenapthene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
3-Nitroaniline	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
2,4-Dinitrophenol	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Dibenzofuran	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
2,4-Dinitrotoluene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
4-Nitrophenol	EPA 8270	ND	ug/L	12	NAC	02/17/2004	
Fluorene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
4-Chlorophenyl Phenyl Ether	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Diethyl Phthalate	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
4-Nitroaniline	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
2-Methyl-4,6-dinitrophenol	EPA 8270	ND	ug/L	12	NAC	02/17/2004	
N-Nitrosodiphenylamine	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
4-Bromophenyl Phenyl Ether	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Hexachlorobenzene	EPA 8270	ND	ug/L	2.4	NAC	02/17/2004	
Pentachlorophenol	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Phenanthrene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Anthracene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Di-n-butylphthalate	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Fluoranthene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Benzidine	EPA 8270	ND	ug/L	59	NAC	02/17/2004	
Pyrene	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Butyl Benzyl Phthalate	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
3,3'-Dichlorobenzidine	EPA 8270	ND	ug/L	24	NAC	02/17/2004	
Benzo(a)anthracene	EPA 8270	ND	ug/L	2.4	NAC	02/17/2004	
Chrysene	EPA 8270	ND	ug/L	1.2	NAC	02/17/2004	
bis(2-Ethylhexyl)phthalate	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	

Sample: 001 B-1
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Di-n-octyl phthalate	EPA 8270	ND	ug/L	5.9	NAC	02/17/2004	
Indeno (1,2,3-cd)Pyrene	EPA 8270	ND	ug/L	2.4	NAC	02/17/2004	
Benzo(b,k)fluoranthene	EPA 8270	ND	ug/L	4.7	NAC	02/17/2004	
Benzo(a)pyrene	EPA 8270	ND	ug/L	2.4	NAC	02/17/2004	
Dibenzo(a,h)Anthracene	EPA 8270	ND	ug/L	1.2	NAC	02/17/2004	
Benzo (g,h,i) perylene	EPA 8270	ND	ug/L	2.4	NAC	02/17/2004	
2-FLUOROPHENOL (SURR)		83.1	%		NAC	02/17/2004	
PHENOL-D5 (SURR)		82.0	%		NAC	02/17/2004	
NITROBENZENE-D5 (SURR		89.9	%		NAC	02/17/2004	
2-FLUOROBIPHENYL (SUR		78.6	%		NAC	02/17/2004	
2,4,6-TRIBROMOPHENOL (S		82.3	%		NAC	02/17/2004	
TERPHENYL-D14 (SURR)		77.1	%		NAC	02/17/2004	

Sample: 002 B-2
Date: 02/12/2004 Time: 11:00:00AM
Matrix: WATER

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Volatile Organics 8260					NAC	02/18/2004	
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Vinyl Chloride	EPA 8260B	ND	ug/L	2	NAC	02/18/2004	
Chloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromomethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Chloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Acrolein	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
Acetone	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Iodomethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
Methylene Chloride	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Acrylonitrile	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
Methyl-Tert-Butyl-Ether	EPA 8260B	7.92	ug/L	5	NAC	02/18/2004	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	

Sample: 002 B-2
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Chloroform	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromochloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Benzene	EPA 8260B	ND	ug/L	0.7	NAC	02/18/2004	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Trichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
4-Methyl-2-Pentanone (MIBK	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	1	NAC	02/18/2004	
Toluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	1	NAC	02/18/2004	
Bromodichloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
2-Hexanone	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Dibromochloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Chlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Ethylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
O-XYLENE	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	NAC	02/18/2004	
Styrene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromoform	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Isopropylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	2	NAC	02/18/2004	

AMERI SCI

Customer: ATC Associates

Workorder No. 0402-00147

Sample: 002 B-2
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
n-Propylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
n-Butylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	2	NAC	02/18/2004	
1,2-Dibromo-3-Chloropropan	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Naphthalene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
DIBROMOFLUOROMETHAN		96.83	%		NAC	02/18/2004	
TOLUENE-D8 (SURROGATE		115.1	%		NAC	02/18/2004	
4-BROMOFLUOROBENZEN		98.80	%		NAC	02/18/2004	
B/NA Extractables EPA 8270					NAC	02/17/2004	
N-Nitrosodimethylamine	EPA 8270	ND	ug/L	5	NAC	02/17/2004	
bis(2-Chloroethyl)ether	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Phenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Chlorophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
1,3-Dichlorobenzene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
1,4-Dichlorobenzene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
1,2-Dichlorobenzene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2,2'-oxybis(1-Chloropropane	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
2-Methyl Phenol	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
Hexachloroethane	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
N-Nitroso-di-n-propylamine	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
3&4-Methyl Phenol	EPA 8270	ND	ug/L	20	NAC	02/17/2004	

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Customer: ATC Associates

Workorder No. 0402-00147

Sample: 002 **B-2**
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Nitrobenzene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Isophorone	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Nitrophenol	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
2,4-Dimethylphenol	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
bis (2-Chloroethoxy)	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2,4-Dichlorophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
1,2,4-Trichlorobenzene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Naphthalene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
4-Chloroaniline	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Hexachlorobutadiene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
4-Chloro-3-methylphenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Methylnaphthalene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Hexachlorocyclopentadiene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
2,4,6-Trichlorophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2,4,5-Trichlorophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Chloronaphthalene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Nitroaniline	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Acenaphthylene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Dimethyl Phthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2,6-Dinitrotoluene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Acenapthene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
3-Nitroaniline	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2,4-Dinitrophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Dibenzofuran	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2,4-Dinitrotoluene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
4-Nitrophenol	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
Fluorene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
4-Chlorophenyl Phenyl Ether	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Diethyl Phthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
4-Nitroaniline	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Methyl-4,6-dinitrophenol	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
N-Nitrosodiphenylamine	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
4-Bromophenyl Phenyl Ether	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Hexachlorobenzene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
Pentachlorophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

Sample: 002 **B-2**
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Phenanthrene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Anthracene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Di-n-butylphthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Fluoranthene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Benzidine	EPA 8270	ND	ug/L	50	NAC	02/17/2004	
Pyrene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Butyl Benzyl Phthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
3,3'-Dichlorobenzidine	EPA 8270	ND	ug/L	20	NAC	02/17/2004	
Benzo(a)anthracene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
Chrysene	EPA 8270	ND	ug/L	1.0	NAC	02/17/2004	
bis(2-Ethylhexyl)phthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Di-n-octyl phthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Indeno (1,2,3-cd)Pyrene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
Benzo(b,k)fluoranthene	EPA 8270	ND	ug/L	4.0	NAC	02/17/2004	
Benzo(a)pyrene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
Dibenzo(a,h)Anthracene	EPA 8270	ND	ug/L	1.0	NAC	02/17/2004	
Benzo (g,h,i) perylene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
2-FLUOROPHENOL (SURR)		82.1	%		NAC	02/17/2004	
PHENOL-D5 (SURR)		84.2	%		NAC	02/17/2004	
NITROBENZENE-D5 (SURR		89.7	%		NAC	02/17/2004	
2-FLUOROBIPHENYL (SUR		81.5	%		NAC	02/17/2004	
2,4,6-TRIBROMOPHENOL (S		75.0	%		NAC	02/17/2004	
TERPHENYL-D14 (SURR)		80.6	%		NAC	02/17/2004	

Sample: 003 **MW-1**
Date: 02/12/2004 **Time:** 1:00:00PM
Matrix: WATER

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Volatile Organics 8260					NAC	02/18/2004	
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Vinyl Chloride	EPA 8260B	ND	ug/L	2	NAC	02/18/2004	
Chloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromomethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	

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Customer: ATC Associates

Workorder No. 0402-00147

Sample: 003 MW-1
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Chloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Acrolein	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
Acetone	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Iodomethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
Methylene Chloride	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Acrylonitrile	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Chloroform	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromochloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Benzene	EPA 8260B	ND	ug/L	0.7	NAC	02/18/2004	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Trichloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
4-Methyl-2-Pentanone (MIBK	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	1	NAC	02/18/2004	
Toluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	1	NAC	02/18/2004	
Bromodichloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
2-Hexanone	EPA 8260B	ND	ug/L	25	NAC	02/18/2004	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

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Customer: ATC Associates

Workorder No. 0402-00147

Sample: 003 MW-1
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Tetrachloroethylene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Dibromochloromethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Chlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Ethylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
O-XYLENE	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	NAC	02/18/2004	
Styrene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromoform	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Isopropylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	2	NAC	02/18/2004	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
n-Propylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Bromobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Sec-Butylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
n-Butylbenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	2	NAC	02/18/2004	
1,2-Dibromo-3-Chloropropan	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
Naphthalene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5	NAC	02/18/2004	
DIBROMOFLUOROMETHAN		95.67	%		NAC	02/18/2004	
TOLUENE-D8 (SURROGATE		115.5	%		NAC	02/18/2004	
4-BROMOFLUOROBENZEN		102.0	%		NAC	02/18/2004	
B/NA Extractables EPA 8270					NAC	02/17/2004	
N-Nitrosodimethylamine	EPA 8270	ND	ug/L	5	NAC	02/17/2004	

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Customer: ATC Associates

Workorder No. 0402-00147

Sample: 003 MW-1
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
bis(2-Chloroethyl)ether	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Phenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Chlorophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
1,3-Dichlorobenzene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
1,4-Dichlorobenzene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
1,2-Dichlorobenzene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2,2'-oxybis(1-Chloropropane	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
2-Methyl Phenol	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
Hexachloroethane	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
N-Nitroso-di-n-propylamine	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
3&4-Methyl Phenol	EPA 8270	ND	ug/L	20	NAC	02/17/2004	
Nitrobenzene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Isophorone	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Nitrophenol	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
2,4-Dimethylphenol	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
bis (2-Chloroethoxy)	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2,4-Dichlorophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
1,2,4-Trichlorobenzene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Naphthalene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
4-Chloroaniline	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Hexachlorobutadiene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
4-Chloro-3-methylphenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Methylnaphthalene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Hexachlorocyclopentadiene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
2,4,6-Trichlorophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2,4,5-Trichlorophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Chloronaphthalene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Nitroaniline	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Acenaphthylene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Dimethyl Phthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2,6-Dinitrotoluene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Acenapthene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
3-Nitroaniline	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2,4-Dinitrophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Dibenzofuran	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	

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Customer: ATC Associates

Workorder No. 0402-00147

Sample: 003 MW-1
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
2,4-Dinitrotoluene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
4-Nitrophenol	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
Fluorene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
4-Chlorophenyl Phenyl Ether	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Diethyl Phthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
4-Nitroaniline	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
2-Methyl-4,6-dinitrophenol	EPA 8270	ND	ug/L	10	NAC	02/17/2004	
N-Nitrosodiphenylamine	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
4-Bromophenyl Phenyl Ether	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Hexachlorobenzene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
Pentachlorophenol	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Phenanthrene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Anthracene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Di-n-butylphthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Fluoranthene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Benzidine	EPA 8270	ND	ug/L	50	NAC	02/17/2004	
Pyrene	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Butyl Benzyl Phthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
3,3'-Dichlorobenzidine	EPA 8270	ND	ug/L	20	NAC	02/17/2004	
Benzo(a)anthracene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
Chrysene	EPA 8270	ND	ug/L	1.0	NAC	02/17/2004	
bis(2-Ethylhexyl)phthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Di-n-octyl phthalate	EPA 8270	ND	ug/L	5.0	NAC	02/17/2004	
Indeno (1,2,3-cd)Pyrene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
Benzo(b,k)fluoranthene	EPA 8270	ND	ug/L	4.0	NAC	02/17/2004	
Benzo(a)pyrene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
Dibenzo(a,h)Anthracene	EPA 8270	ND	ug/L	1.0	NAC	02/17/2004	
Benzo (g,h,i) perylene	EPA 8270	ND	ug/L	2.0	NAC	02/17/2004	
2-FLUOROPHENOL (SURR)		73.6	%		NAC	02/17/2004	
PHENOL-D5 (SURR)		76.3	%		NAC	02/17/2004	
NITROBENZENE-D5 (SURR		78.7	%		NAC	02/17/2004	
2-FLUOROBIPHENYL (SUR		70.4	%		NAC	02/17/2004	
2,4,6-TRIBROMOPHENOL (S		70.7	%		NAC	02/17/2004	
TERPHENYL-D14 (SURR)		77.3	%		NAC	02/17/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

AMERI SCI

Customer: ATC Associates

Workorder No. 0402-00147

To the best of my knowledge this report is true and accurate.

Authorized By: _____

John J. Sulkowski, Lab Director

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

CHAIN OF CUSTODY RECORD

WORK ORDER NO: 04.02.147

SCILAB BOSTON, INC.

8 School Street Weymouth, MA 02189-8951
781 337-9334 / FAX 781 337-7642

DUE DATE ____ - ____ - ____

COMPANY: ATC Assoc. 104 E. 25th St. New York, NY 10010
PHONE: 212 353-8280 FAX #: 212 979-8447
P.O.#:
CLIENT CONTACT: Mike Morris
PROJECT #: 15.26950.0001 (416 Waverly Ave.)

SAMPLE TYPE
1. WATER 6. WIPES
2. SOIL 7. AIR CASSETTE
3. SLUDGE 8. OTHER
4. OIL
5. CHIPS

CONTAINER TYPE
P - PLASTIC
G - GLASS
V - VOA

HOLD WILLCALL TO CONFIRM

SCILAB SAMPLE #	CLIENT SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	TIME	TECH	PRESERVATIVES	3 VIALS VOC	3 VIALS 360C	SAMPLE pH at Login
	B-1	A1	1L 3/40	G	3	2/12/04	10:00	CD		X	X	
	B-2	A1	1L 3/40	G	3	2/12/04	11:00	CD		X	X	
	MW-1	A1	1L 1/40	G	2	2/12/04	13:00	CD		X	X	

REPORT PACKAGES
- MWRA ☐
- MA DEP ☐
- RDR ☐
- ASP A ☐
- ASP B ☐
- QC LEVEL 1 ☐
- QC LEVEL 2 ☐

SAMPLED BY: Cortney Denison	DATE: 2/12/04	RECEIVED BY: Sandra Santana	DATE: 2/12/04	Temperature upon receipt:
	TIME:		TIME: 1500	
RELINQUISHED BY: Cortney Denison	DATE: 2/12/04	RECEIVED BY	DATE:	SPECIAL INSTRUCTIONS
	TIME:		TIME:	☐ 24 HOUR TAT ☐ 5 Day TAT
RELINQUISHED BY:	DATE:	RECEIVED BY: Shawn Dente	DATE: 2/13/04	☐ 48 HOUR TAT ☐ 7 DAY TAT
	TIME:		TIME: 8:30	☐ 72 HOUR TAT ☐ 10 DAY TAT

Shade areas for laboratory use only.
Gold copy - Originator Retains
Y - Sh[illegible]ains Sub[illegible]e and Y[illegible]pies to [illegible]oratory

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BOL# 30858066

Pick-Up Date	Pick-Up Time	Pick-Up Agent	1 Account #	Service Level	Route	Stop
2/12	12:00	825	63218 7	Y1	5159	

2 FROM (Your Name) LEON CLARK — Phone (800) 705-5227

Company: SCILAB

Street Address: 117 EAST 30TH STREET — Room/Floor:

City: NEW YORK — State: NY — Zip Code: 10016

3 TO (Recipient's Name) MARK — Phone (888) 724-5221

Company: SCILAB

Exact Street Address: 8 SCHOOL STREET — Room/Floor:

City: WEYMOUTH — State: MA — Zip Code: 02189

Special Instructions:

4 Shipper Billing Reference

5 Release Signature

By signing here, sender authorizes Eastern Connection to deliver this shipment without obtaining a delivery signature and shall hold harmless Eastern Connection from any claims resulting therefrom.

6 EC Guaranteed Express Parcel Services☆

- ☐ Priority Letter (8 oz or less) - Delivery before 9 AM to major downtown business districts - 10:30 AM suburbs
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- ☐ Next Business Day (By 5 pm) WOB
- ☐ Night Owl (Late Night Pick-up).
- ☐ Same Day (Nationwide Next Flight or Door to Door Direct Drive)

Pieces: 1

Weight: 80 lbs. (Subject to correction)

Reweigh:

☐ **Saturday Delivery** ☐ **Sunday/Holiday Delivery** (Not available to all Locations)

☐ **Early AM** by_____ AM (Must call for prior arrangements)

30858066

AmeriSci-Team Boston **SCI-SOP-1003**

Sample Receiving Form

CLIENT: ATC / NY	WORKORDER: 0402-147
CLIENTS JOB:	RECEIVED BY: DMD
RECEIVED DATE: 2/13/04	SHIPPING METHOD: Fedex Ground
TEMP UPON RECEIPT: 5°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.	✓		
Were Chain of Custody Forms included with the samples?	✓		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	✓		
Were all containers received in good condition (Check for breakage/ leaks)?	✓		
Were all containers labeled with required information(Sample Id, date, signed, analysis, preservation)?	✓		
Were the correct containers used for the tests indicated?	✓		
Were proper preservation techniques indicated?	✓		
Were samples received within holding times? If "NO" nonconformance form is required.	✓		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	✓		
Were samples in direct contact with wet ice? If "NO" check one: ☒ Blue Ice ☐ No Ice		✓	
Is sample temperature recorded ? If "NO" check one: ☐ Unable to record ☐ Temp taken near samples	✓		
Were pHs of samples checked and recorded on the COC forms?	✓		
Did the laboratory accept samples?	✓		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		✓	

Subcontractor:	Date Sent Out:
Analyses Sent:	

Login Technician: DMD	Login Review:

Comments:

Mike Morris called on 2/13 am to request Stars VOC + Stars SVOC analysis for samples

Mike Morris called again to request full-list 8260 + 8270 instead.

** TX STATUS REPORT **

AS OF FEB 19 2004 13:53 PAGE.01

AMERISCI BOSTON

	DATE TIME	TO/FROM	MODE	MIN/SEC	PGS	CMD#	STATUS
24	02/19 13:48	212 598 4283	EC--S	04'38"	016	118	OK

Please Reply To:

AmeriSci Boston, Inc.
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: MIKE MORRIS
ATC Associates

Fax # 212-979-8447

AmeriSci Job# 0402-00147
Subject: 416 WAVERLY AVE.

Pages: _____

Date: Thursday, February 19, 2004

Time: 1:00:43PM

Comments:

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this facsimile communication is confidential information intended for the use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing. Thank you.

REPORT
SUBSURFACE INVESTIGATION

PROPOSED FOUR STORY SELF-STORAGE BUILDING
MAMARONECK, WESTCHESTER COUNTY, NEW YORK
MURPHY BROTHERS CONTRACTING, INC.

February 20, 2014

Prepared By:
Melick-Tully and Associates, P.C.
117 Canal Road
South Bound Brook, NJ 08880
Tel: 732-356-3400 Fax: 732-356-9054

MTA Project No.: 9163-001*1D

MELICK-TULLY
AND ASSOCIATES, P.C.
GEOTECHNICAL ENGINEERS AND
ENVIRONMENTAL CONSULTANTS

Principals:
RAYMOND J. TULLY, P.E.
EUGENE M. GALLAGHER JR., P.E.
ROBERT E. SCHWANKERT, P.E.
TODD E. HOROWITZ, P.E.
MARK R. DENNO, P.E.
CHRISTOPHER P. TANSEY, P.E.

Senior Associates:
RICHARD D. LEV, CPG
JAMES H. BEATTIE, P.E.

February 20, 2014

Murphy Brothers Contracting, Inc.
416 Waverly Avenue
Mamaroneck, New York 10543

Attention: Mr. Chris Murphy

Report
Subsurface Investigation
Proposed Four Story Self-Storage Building
Mamaroneck, Westchester County, New York
Murphy Brothers Contracting, Inc.

Introduction

This report presents the results of a subsurface investigation completed by Melick-Tully and Associates, P.C. (MTA) for a proposed four story self-storage building that may be constructed by Murphy Brothers Contracting, Inc. in Mamaroneck, New York. The site is situated in the southwest quadrant formed by the intersection of Fenimore Road and Waverly Avenue with a street address of 416 Waverly Avenue. The approximate location of the site is shown on the Site Location Map, Plate 1. This report was prepared in general accordance with our proposal dated November 5, 2013.

Proposed Construction

Information provided to us indicates that several existing buildings in the eastern portion of the site would remain, while a one-story aluminum and frame building would be demolished and a four-story building occupying a plan area of 9,660 square feet would be constructed in the

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western portion of the property. The proposed finished floor elevation of the building is shown at Elevation +27.0 feet, relatively close to the existing surface grades.

Detailed structural information was not available; however, the building is expected to impose relatively light ground floor slab live loads and moderately heavy foundation loads.

Purpose and Scope of Work

The purpose of our services was to:

1) explore the subsurface soil and groundwater conditions at accessible locations near the proposed building area;

2) estimate the relevant geotechnical engineering properties of the encountered materials;

3) evaluate the site foundation requirements considering the anticipated structural loads and encountered subsurface conditions;

4) recommend an appropriate type of foundation for support of the proposed structure, and provide geotechnical-related foundation design and installation criteria, including an estimate of the Site Class as defined by the Building Code of New York State for seismic design purposes;

5) provide recommendations for the support and the need for subdrainage of the ground floor slab;

6) estimate the post-construction settlements of the recommended floor and foundation systems; and

7) discuss appropriate earthwork considerations consistent with the proposed construction and encountered subsurface conditions.

To accomplish these purposes, a subsurface exploration program consisting of four supervised test borings was performed within accessible areas near the proposed building. Borings could not be completed within the limits of the existing chain-link fence due to access restraints. The borings were completed using truck-mounted, hollow-stem auger drilling equipment and extended to depths of approximately 22 to 24 feet below grade.

All field work was completed under the direct technical observation of a geotechnical engineer from MTA. Our representative located the explorations in the field relative to existing site features, maintained continuous logs of the explorations as the work proceeded, and supervised the soil sampling operations to develop the desired subsurface information.

The approximate locations of the explorations performed for this study are shown on the Plot Plan, Plate 2. Detailed descriptions of the subsurface conditions encountered in the borings are presented on the Logs of Borings, Plates 3A through 3D. The soil samples obtained from the explorations were classified in general accordance with the Unified Soil Classification System shown on Plate 4.

All soil samples were brought to our office where they were further examined in our soil mechanics laboratory. Selected samples were subjected to laboratory testing consisting of natural moisture content determinations and mechanical grain-size analyses to aid in their identification and evaluation. The results of the grain-size analyses are presented on Plates 5A and 5B, Gradation Curves, while the results of the moisture content determinations are shown on the individual boring logs as well as on Plates 5A and 5B.

The results of our subsurface exploration and laboratory testing programs have provided the basis for our engineering analyses and design recommendations. The following discussions of our findings and recommendations are subject to the limitations attached as an Appendix to this report.

Site Conditions

Surface Features: The site is currently occupied by several buildings, sheds and trailers. There is a one story aluminum building located in the western portion of the site which will be

demolished. The structures are typically surrounded by asphalt pavement, although there are some areas with concrete slabs and concrete pavement at the ground surface. There are chain-link fences located throughout the property, and a monitoring well is located near the eastern side of the site. Railroad tracks are present along the southern portion of the site, and there is a concrete retaining wall along the southwestern side of the property that accounts for an approximate three foot slope down to the railroad tracks.

Topographic information shown on plans provided to us indicates that the property slopes down to the east from approximately Elevation +28 feet to Elevation +23 feet; however, the ground surface within the footprint of the proposed building is currently between Elevation +26 to +28 feet. The railroad tracks located to the south of the property are approximately three feet lower than the property, suggesting that the site was filled to reach the existing grades.

Subsurface Conditions: The borings encountered the following generalized strata, listed in order of increasing depth:

1) Surface Materials: Approximately six inches of asphalt was encountered at the surface in each of the borings.

2) Fill: Fill, or materials we described as possible fill, consisting of loose to dense silty sands, was encountered beneath the asphalt and extended to depths of approximately two to five feet beneath existing grades. A concrete slab was encountered in Borings 1 and 2 approximately one foot below grade and extended to depths of approximately one and one-half to two feet below grade. The concrete slab was underlain by silty sandy fill. A layer of buried topsoil was encountered from five to five and one-half feet below grade in Boring 3. Construction debris including concrete and brick fragments was encountered within the fill in Boring 4.

3) Sands and Silty Sands: The fill and/or buried topsoil were underlain by natural sands and silty sands containing varying amounts of gravel. The sands and silty sands were typically medium dense to dense in relative density, although loose sandy soils were encountered in Borings 1 and 2 from ten to twelve feet below grade. The sands and silty sands extended to

the maximum depth explored in Boring 1 and to depths of approximately 15 to 22 feet below grade in the remaining borings.

4) Clayey Silts: The sands and silty sands were underlain by clayey silts in Borings 2 through 4. The clayey silts were stiff to very stiff in consistency and extended to the maximum depths explored.

Groundwater was encountered in the borings at depths of approximately six to eight feet below grade. Mottling, which may indicate perched or trapped water, was encountered in Boring 1 at a depth of approximately five and one-half feet below grade.

Findings and Recommendations

General: Based on the results of our study, the proposed building can be supported by conventional spread foundations which are established on the undisturbed natural sands or controlled compacted fill installed atop the natural sands. The floor slab of the proposed building could be supported by the natural soils or controlled compacted fill installed atop the natural soils. The existing fill, concrete slabs and any buried topsoil should be removed from within and five feet beyond the limits of the proposed building.

A significant portion of the proposed building could not be investigated due to access restraints. A series of test pits should be completed after access is provided to confirm the subsurface conditions encountered in the borings completed for this study.

Groundwater was encountered at depths of approximately six to eight feet below grade. The proposed building is planned to be established with a finished floor elevation of +27 feet, which is near the existing surface grades. Approximately two to five and one-half feet of fill was encountered in the explorations for this study, which will need to be removed from within and five feet beyond the limits of the proposed building. Therefore, the borings suggest that the excavations to remove the existing fill should not extend beneath the groundwater table. Should

water seepage be encountered, it is expected that groundwater seepage could be controlled with sumps and pumps located within or adjacent to the excavations. Any deeper excavations may require more formal dewatering systems.

The following sections of this report present discussions of these and other items considered relevant to the proposed construction.

Site Preparation and Earthwork: The existing aluminum building and any other surface features within and five feet beyond the limits of the proposed building should be demolished. Other surface improvements such as the asphalt, concrete slabs, fences, etc. that are within the limits of the proposed building should be removed. All existing utilities within the limits of the proposed building should be removed or rerouted beyond the limits of the proposed construction area, and the resultant excavations should be backfilled with controlled compacted fill. In addition, the existing fill, buried concrete slabs and topsoil should be removed from within and five feet beyond the limits of the proposed building.

A series of test pits could be completed within the limits of the proposed building that could not be accessed as part of this investigation to further characterize the depth and nature of the fill/buried topsoil.

Based on plans provided to us, the existing surface grades within the building are around Elevation +26 to +28 feet, and the finished floor elevation of the proposed building is Elevation +27 feet. Therefore, excavation below the proposed floor elevation will be required to remove the existing fill, concrete and topsoil. After the existing fill, concrete and topsoil are removed, the exposed subgrades are expected to consist of sands and silty sands. The exposed subgrade soils within the proposed building area should be thoroughly compacted with several passes with

a heavy self-propelled vibrating drum compactor under the observation of a geotechnical engineer from MTA. Any areas that cannot be compacted to a dense and stable condition should be removed to the surface of stable soils, and the resultant excavations backfilled with granular controlled compacted fill. Based on conditions at the time of construction, it may be possible to leave one to two feet of the fill beneath the floor slab and recompact the soils in-place. This determination should be made at the time of construction by the inspecting geotechnical engineer.

Based on the results of the explorations, it appears that the soils generated from site excavations will generally consist of silty sandy fill, the majority of which may be able to be reused as controlled compacted fill. In addition, a concrete slab was encountered in two of the borings and buried topsoil was encountered in one of the borings. Any topsoil and deleterious materials should be segregated from the silty sandy fill and disposed of. Moisture content testing on the sandy fill indicated the soils were typically within to above the limits necessary for compaction purposes. Therefore, drying and aeration could be required prior to their reuse.

Any imported fill and backfill required to reach the subgrade levels should consist of uncontaminated relatively well-graded granular soils containing less than 15 percent by weight of material passing a U.S. Standard No. 200 sieve and having a maximum particle size of four inches. The environmental quality of imported fill should be certified by the fill supplier.

All fill required to reach the final subgrade levels should be placed in layers on the order of twelve inches or less in loose thickness and be uniformly compacted to at least 95 percent of its maximum dry density as determined by the ASTM D-1557 test procedure. Backfill placed in confined areas such as foundation or utility trench excavations should be spread in thinner layers

and be uniformly compacted to the same degree of compaction using manually operated vibratory compaction equipment. All fill and backfill should be placed at moisture contents at which the desired degree of compaction can be achieved.

Groundwater was encountered in the borings at depths of approximately six to eight feet beneath existing surface grades. In addition, soil mottling, which may indicate perched or trapped water, was encountered in Boring 1 at a depth of approximately five and one-half feet below grade. It is expected that the excavations to remove the existing fill, concrete and buried topsoil will not extend beneath the groundwater; however, trapped or perched seepage may be encountered within the fill stratum. Groundwater seepage in shallow excavations should be able to be controlled by sumps and pumps located within or adjacent to the excavations. Any excavations that extend beneath the seepage levels may require more formal dewatering methods. In addition, proper site drainage should be maintained during construction to prevent inundation of the subgrade soils. The contractor should provide whatever means and methods are necessary to control groundwater and surface water at all times during construction.

We recommend that all site excavations be performed in accordance with OSHA safety guidelines and any other local regulations. Based on the results of our study, we believe that the fill and natural sandy soils would generally be classified as Type "C" soil by the OSHA excavation guidelines. If sufficient space is not available to safely slope the excavations in accordance with the OSHA guidelines, temporary excavation support will be necessary.

Foundation Design Criteria: Following the site preparation procedures outlined in this report, the proposed building may be supported by conventional shallow foundations that derive their support from the undisturbed natural soils or controlled compacted fill placed atop these

materials. Foundations deriving their support from these materials may be designed to impose a maximum allowable net bearing pressure of up to 4,000 pounds per square foot. We recommend that all foundation subgrade soils be observed by a geotechnical engineer from MTA to confirm that adequate bearing materials are present.

Exterior foundations should be established at least three and one-half feet below the adjacent exterior grades, or deeper if required by local building code, to provide protection from frost penetration. Interior foundations in permanently heated portions of the structure may be established at convenient depths below the floor slab.

We estimate that spread foundations designed and installed in accordance with our recommendations would experience post-construction settlements on the order of one-half of one inch, or less.

Seismic Design: Based on the results of our study and our knowledge of the regional geology, the materials beneath the site would generally be classified as a Site Class "D" as defined by the Building Code of New York State.

Floor Slab Design Criteria: Following the previously described site preparation procedures, the floor slab of the proposed building may derive its support from the natural sandy soils or newly placed controlled compacted fill. A porous subslab drainage layer consisting of a minimum four inches of clean three-quarter inch stone or washed gravel should be placed beneath the floor slab to provide a capillary break between the slab and the underlying soils.

We estimate that post-construction settlements of lightly loaded floor slabs will be on the order of one-quarter of one inch.

Please contact us if you have any questions regarding this report.

The following Plates and Appendix are attached and complete this report:

Plate 1- Site Location Map
Plate 2- Plot Plan
Plates 3A through 3D- Logs of Borings
Plate 4- Unified Soil Classification System
Plates 5A and 5B- Gradation Curves
Appendix- Limitations

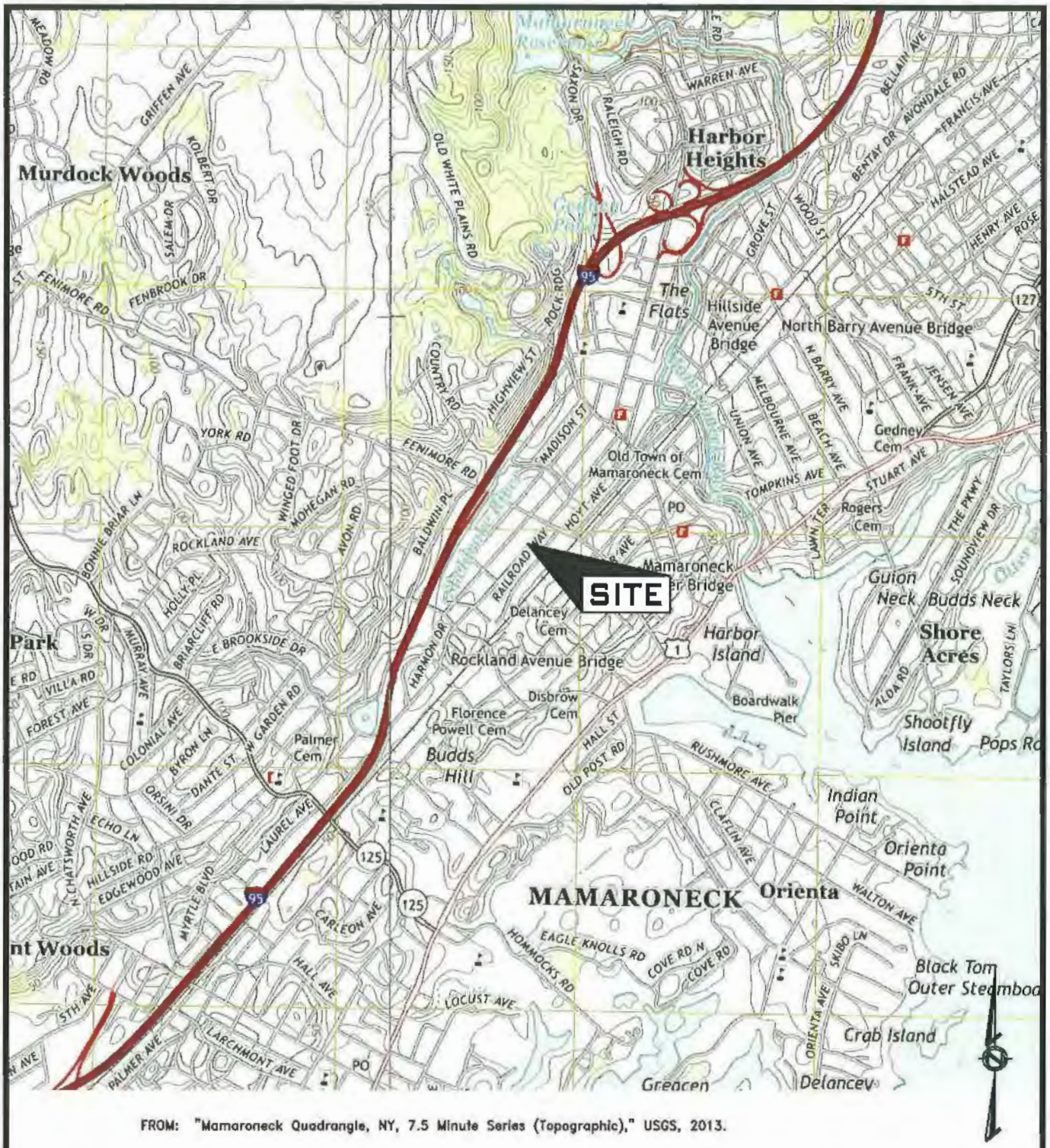
Very truly yours,

MELICK-TULLY and ASSOCIATES, P.C.

Kimberly A. Tully, E.I.T.

Todd E. Horowitz, P.E.
Vice President

KAT/TEH/kat
9163-001*1D
(3 copies submitted)



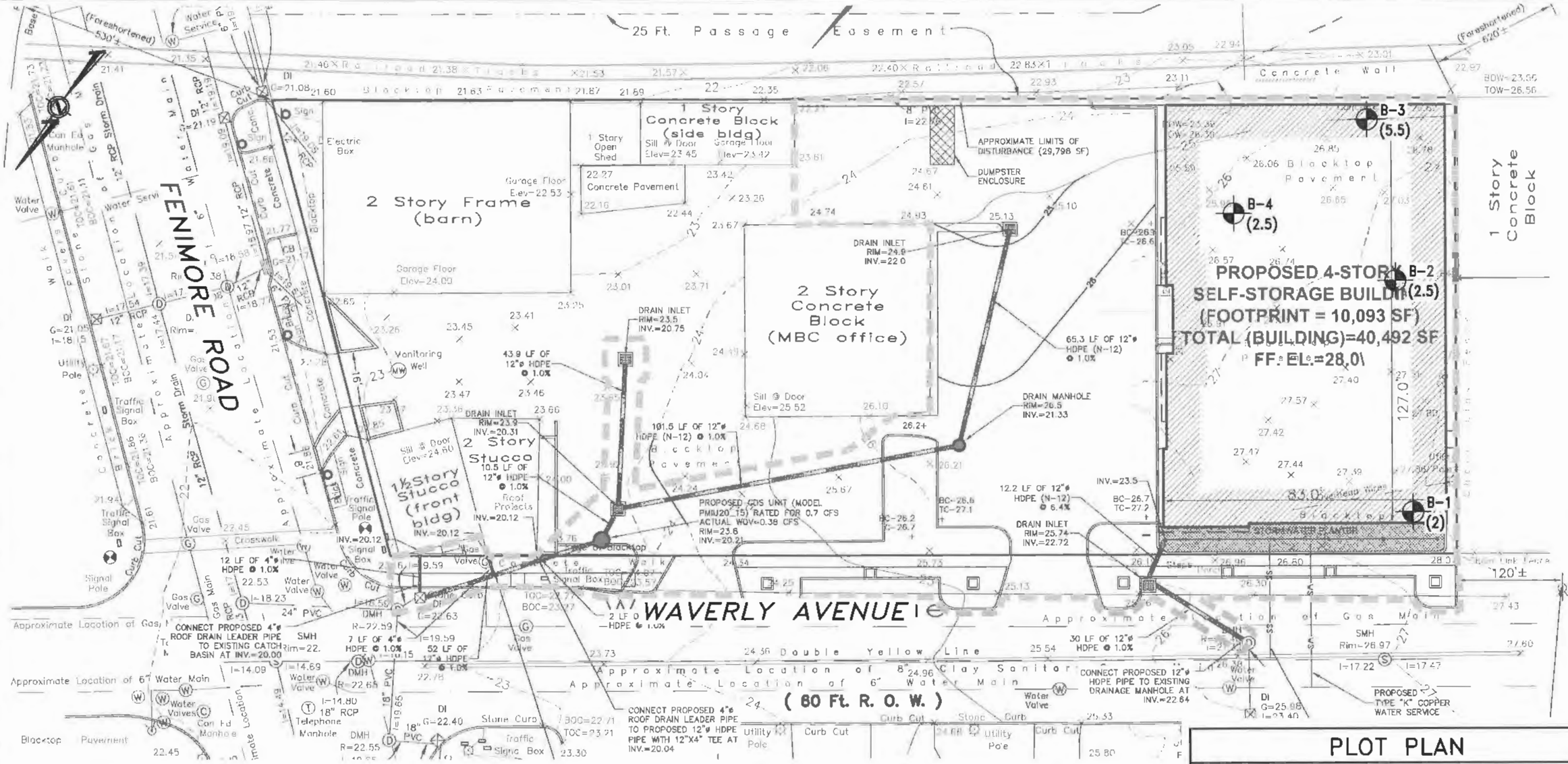
FROM: "Mamaroneck Quadrangle, NY, 7.5 Minute Series (Topographic)," USGS, 2013.

MELICK–TULLY AND ASSOCIATES, P.C.
Geotechnical Engineers
& Environmental Consultants
117 Canal Road
South Bound Brook, New Jersey 08880
(732) 356–3400

SITE LOCATION MAP

PROPOSED SELF STORAGE BUILDING
MAMARONECK, NEW YORK
MURPHY BROTHERS CONTRACTING INC.

JOB NO.	FILE NO.	DR. BY	CHK. BY	DATE	SCALE	PLATE
9163–001*1D	26159	VJD	KAT	2–19–14	1"=2,000'	1


25 Ft. Passage Easement
FENIMORE ROAD
WAVERLY AVENUE
(60 Ft. R. O. W.)
1 Story Concrete Block (side bldg)
2 Story Frame (barn)
1 Story Open Shed
2 Story Concrete Block (MBC office)
2 Story Stucco
1½ Story Stucco (front bldg)
Concrete Pavement
Blacktop Pavement
Concrete Wall
PROPOSED 4-STORY SELF-STORAGE BUILDING (FOOTPRINT = 10,093 SF) TOTAL (BUILDING)=40,492 SF FF. EL.=28.0
APPROXIMATE LIMITS OF DISTURBANCE (29,798 SF)
DUMPSTER ENCLOSURE
B-1 (2)
B-2 (2.5)
B-3 (5.5)
B-4 (2.5)
DRAIN INLET RIM=24.9 INV.=22.0
DRAIN INLET RIM=23.5 INV.=20.75
DRAIN INLET RIM=23.9 INV.=20.31
DRAIN MANHOLE RIM=26.5 INV.=21.33
DRAIN INLET RIM=25.74 INV.=22.72
PROPOSED CDS UNIT (MODEL PMIU20_15) RATED FOR 0.7 CFS ACTUAL WQV=0.38 CFS RIM=23.6 INV.=20.21
65.3 LF OF 12"ø HDPE (N-12) @ 1.0%
43.9 LF OF 12"ø HDPE @ 1.0%
101.5 LF OF 12"ø HDPE (N-12) @ 1.0%
10.5 LF OF 12"ø HDPE @ 1.0%
12.2 LF OF 12"ø HDPE (N-12) @ 6.4%
12 LF OF 4"ø HDPE @ 1.0%
7 LF OF 4"ø HDPE @ 1.0%
52 LF OF 12"ø HDPE @ 1.0%
2 LF OF HDPE @ 1.0%
30 LF OF 12"ø HDPE @ 1.0%
CONNECT PROPOSED 4"ø ROOF DRAIN LEADER PIPE TO EXISTING CATCH BASIN AT INV.=20.00
CONNECT PROPOSED 4"ø ROOF DRAIN LEADER PIPE TO PROPOSED 12"ø HDPE PIPE WITH 12"X4" TEE AT INV.=20.04
CONNECT PROPOSED 12"ø HDPE PIPE TO EXISTING DRAINAGE MANHOLE AT INV.=22.84
PROPOSED TYPE "K" COPPER WATER SERVICE
Approximate Location of 6" Water Main
Approximate Location of Gas Main
Approximate Location of 8" Clay Sanitary
Double Yellow Line
Monitoring Well
Water Valve
Gas Valve
Signal Pole
Traffic Signal Box
Utility Pole
Curb Cut
Stone Curb
Telephone Manhole
Can Ed Manhole
SMH Rim=22.
SMH Rim=26.97
DMH R=22.59
DMH R=22.65
DMH R=22.55
DI G=21.08
DI G=22.63
DI G=22.40
DI G=25.98
CB G=21.17
Garage Floor Elev=22.53
Garage Floor Elev=24.00
Sill @ Door Elev=23.45
Garage Floor Elev=23.42
Sill @ Door Elev=24.60
Sill @ Door Elev=25.52
22.27 Concrete Pavement
26.06 Blacktop Pavement
Electric Box
Sign
Crosswalk
Concrete Walk
Stone Curb
Curb Cut
Traffic Signal Pole
Traffic Signal Box
Gas Main
Water Main
Water Service
Storm Drain
Approximate Storm Drain
Can Ed Underground Location
Telephone Underground Location
Gas Valve
Water Valves
Water Valve
Telephone Manhole
Signal Box
Stormwater Planter
Double Yellow Line
Blacktop Pavement
Concrete Pavement
Concrete Wall
Sign
Electric Box
Utility Pole
Curb Cut
Stone Curb
Traffic Signal Pole
Traffic Signal Box
Gas Valve
Water Valve
Water Valves
Telephone Manhole
Can Ed Manhole
Signal Box
Monitoring Well
Crosswalk
Concrete Walk

LOG OF BORING

BORING NO. 1

COMPLETION DATE: 2/11/14 | SURFACE ELEVATION: +27.5 ft (±) | WATER LEVEL: 8'

JOB NUMBER: 9163-001*1D | READING DATE: 2/11/14

DEPTH (ft.)	SAMPLES	N-VALUE	MOISTURE CONTENT (%)	SYMBOL	DESCRIPTION	DEPTH (ft.)
					6" Asphalt	
	S1	40	4.5		POSSIBLE FILL - Yellow-brown fine to medium sand, little silt, trace fine gravel (moist)(dense)(petroleum odor)	
	S2	47	3.8	SP	Yellow-brown fine to medium sand, trace silt (moist)(dense)	
5						5
	S3	20	25.3	SM	Yellowish brown fine to medium sand, and silt, trace fine gravel, with orange-brown mottling (moist)(medium dense)	
	S4	24		SP/SM	Yellowish-grayish brown fine to medium sand, little silt (wet)(medium dense)	
10						10
	S5	7			- grading (loose)	
	S6	15		SP	Yellowish brown fine to coarse sand, trace silt (wet)(medium dense)	
15						15
	S7	10				
	S8	18			- grading (gray)	
20						20
	S9	16	33.1	SM	Gray-brown fine sand, and silt (wet)(medium dense)	
	S10	17				
25					Boring completed @ 24' Groundwater encountered @ 8'	25

NOTES FOR COLUMNS:
1. SAMPLE AT AVERAGE SAMPLING DEPTH
2. INDICATES THE NUMBER OF BLOWS TO ADVANCE A 2" OD SAMPLER A DISTANCE OF 12 INCHES USING A 140 POUND WEIGHT FALLING 30 INCHES

SOIL DESCRIPTION MODIFIERS:
TRACE 0 - 10%
LITTLE 10 - 20%
SOME 20 - 35%
AND OVER 35%

Typist/Date: kat/mh 2/14

Sheet: 1 of 1 PLATE: 3A

MELICK-TULLY AND ASSOCIATES, P.C.
Geotechnical Engineers and Environmental Consultants

LOG OF BORING

BORING NO. 2

COMPLETION DATE: 2/11/14 | SURFACE ELEVATION: +27.5 ft (±) | WATER LEVEL: 7'

JOB NUMBER: 9163-001*1D | READING DATE: 2/11/14

DEPTH (ft.)	SAMPLES	N-VALUE	MOISTURE CONTENT (%)	SYMBOL	DESCRIPTION	DEPTH (ft.)
					6" Asphalt	
	S1	50/5"			FILL - Yellow-brown fine to coarse sand, some silt (moist)(medium dense)	
					Concrete slab	
	S2	7	6.1	SP/SM	FILL - Yellow-brown fine to medium sand, some silt (moist)(dense)	
5					Yellow-brown fine to medium sand, trace silt, trace fine gravel (moist)(loose)	5
	S3	25			Yellowish brown fine to coarse sand, trace silt, trace fine gravel (wet)(medium dense)	
	S4	18				
10				SP		10
	S5	2			- grading gray (loose)	
	S6	14			- grading (medium dense)	
15						15
	S7	14	32.5		Gray fine to medium sand, some silt (wet)(medium dense)	
				SM		
20						20
	S8	13				
	S9	11	31.2	ML	Gray clayey silt, little fine to medium sand (wet)(stiff)	
25					Boring completed @ 24' Groundwater encountered @ 7'	25

NOTES FOR COLUMNS:
1. SAMPLE AT AVERAGE SAMPLING DEPTH
2. INDICATES THE NUMBER OF BLOWS TO ADVANCE A 2" OD SAMPLER A DISTANCE OF 12 INCHES USING A 140 POUND WEIGHT FALLING 30 INCHES

SOIL DESCRIPTION MODIFIERS:
TRACE 0 - 10%
LITTLE 10 - 20%
SOME 20 - 35%
AND OVER 35%

Typist/Date: kat/mh 2/14

Sheet: 1 of 1 PLATE: 3B

MELICK-TULLY AND ASSOCIATES, P.C.
Geotechnical Engineers and Environmental Consultants

LOG OF BORING

BORING NO. 3

COMPLETION DATE: 2/11/14 | SURFACE ELEVATION: +27 ft (±) | WATER LEVEL: 7'

JOB NUMBER: 9163-001*1D | READING DATE: 2/11/14

DEPTH (ft.)	SAMPLES	N-VALUE	MOISTURE CONTENT (%)	SYMBOL	DESCRIPTION	DEPTH (ft.)
					6" Asphalt	
	S1	60/1"			FILL - Yellow-brown fine to medium sand, some silt (moist)(medium dense)	
					Concrete slab	
	S2	8	19.5		FILL - Yellowish brown fine to medium sand, some silt, trace fine gravel (moist)(medium dense)	
5						5
	S3	20	17.9		Original topsoil - Gray clayey silt, little fine to medium sand (moist)(stiff)	
	S4	15		SP/SM	Yellowish gray fine to medium sand, some silt (moist)(medium dense) - grading (wet) @ 8'	
10						10
	S5	11		SP/SM	Grayish brown fine to medium sand, little silt (wet)(medium dense)	
15						15
	S6	17		ML	Gray clayey silt, and fine sand (wet)(very stiff)	
20						20
	S7	14				
					Boring completed @ 22' Groundwater encountered @ 7'	
25						25

NOTES FOR COLUMNS:
1. SAMPLE AT AVERAGE SAMPLING DEPTH
2. INDICATES THE NUMBER OF BLOWS TO ADVANCE A 2" OD SAMPLER A DISTANCE OF 12 INCHES USING A 140 POUND WEIGHT FALLING 30 INCHES

SOIL DESCRIPTION MODIFIERS:
TRACE 0 - 10%
LITTLE 10 - 20%
SOME 20 - 35%
AND OVER 35%

Typist/Date: kat/mh 2/14

Sheet: 1 of 1 PLATE: 3C

MELICK-TULLY AND ASSOCIATES, P.C.
Geotechnical Engineers and Environmental Consultants

LOG OF BORING

BORING NO. 4

COMPLETION DATE: 2/11/14
JOB NUMBER: 9163-001*1D

SURFACE ELEVATION: +26 ft (±)

WATER LEVEL: 6.5'
READING DATE: 2/11/14

DEPTH (ft.)	SAMPLES	N-VALUE	MOISTURE CONTENT (%)	SYMBOL	DESCRIPTION	DEPTH (ft.)
					6" Asphalt	
	S1	43			FILL - Gray mix of gravel, asphalt and bricks	
	S2	10	15.0	SM	Yellowish brown fine to medium sand, some silt (moist)(medium dense)	
5	S3	26		SP	Gray fine to coarse sand, trace silt, trace fine gravel (wet)(medium dense)	5
	S4	28		SM	Yellowish gray fine to medium sand, some silt (wet)(medium dense)	
10	S5	14	35.8	ML	Grayish brown clayey silt, and fine sand (wet)(stiff)	10
15	S6	13				15
20	S7	13				20
25					Boring completed @ 22' Groundwater encountered @ 6.5'	25

NOTES FOR COLUMNS:
1. SAMPLE AT AVERAGE SAMPLING DEPTH
2. INDICATES THE NUMBER OF BLOWS TO ADVANCE A 2" OD SAMPLER A DISTANCE OF 12 INCHES USING A 140 POUND WEIGHT FALLING 30 INCHES

SOIL DESCRIPTION MODIFIERS:
TRACE 0 - 10%
LITTLE 10 - 20%
SOME 20 - 35%
AND OVER 35%

Typist/Date: kat/mh 2/14

Sheet: 1 of 1 PLATE: 3D

MELICK-TULLY AND ASSOCIATES, P.C.
Geotechnical Engineers and Environmental Consultants

MAJOR DIVISIONS			LETTER SYMBOL	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS More than 50% of material is LARGER than No. 200 Sieve	GRAVEL & GRAVELLY SOILS More than 50% of coarse fraction RETAINED on No. 4 Sieve	CLEAN GRAVELS (Little or no fines)	GW	Well-graded gravels, gravel-sand mixtures, little or no fines.
			GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines
		GRAVELS WITH FINES (Appreciable amount of fines)	GM	Silty gravels, gravel-sand-silt mixtures.
			GC	Clayey gravels, gravel-sand-clay mixtures.
	SAND AND SANDY SOILS More than 50% of coarse fraction PASSING a No. 4 Sieve	CLEAN SAND (Little or no fines)	SW	Well-graded sands, gravelly sands, little or no fines.
			SP	Poorly-graded sands, gravelly sands, little or no fines.
		SANDS WITH FINES (Appreciable amount of fines)	SM	Silty sands, sand-silt mixtures
			SC	Clayey sands, sand-clay mixtures.
FINE GRAINED SOILS More than 50% of material is SMALLER than No. 200 Sieve.	SILTS AND CLAYS	Liquid limit LESS than 50	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
			OL	Organic silts and organic silty clays of low plasticity.
	SILTS AND CLAYS	Liquid limit GREATER than 50	MH	Inorganic silts, micaceous or diatomaceous fine sand or silty soils.
			CH	Inorganic clays of high plasticity, fat clays.
			OH	Organic clays of medium to high plasticity, organic silts.
HIGHLY ORGANIC SOILS			PT	Peat, humus, swamp soils with high organic contents

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS.

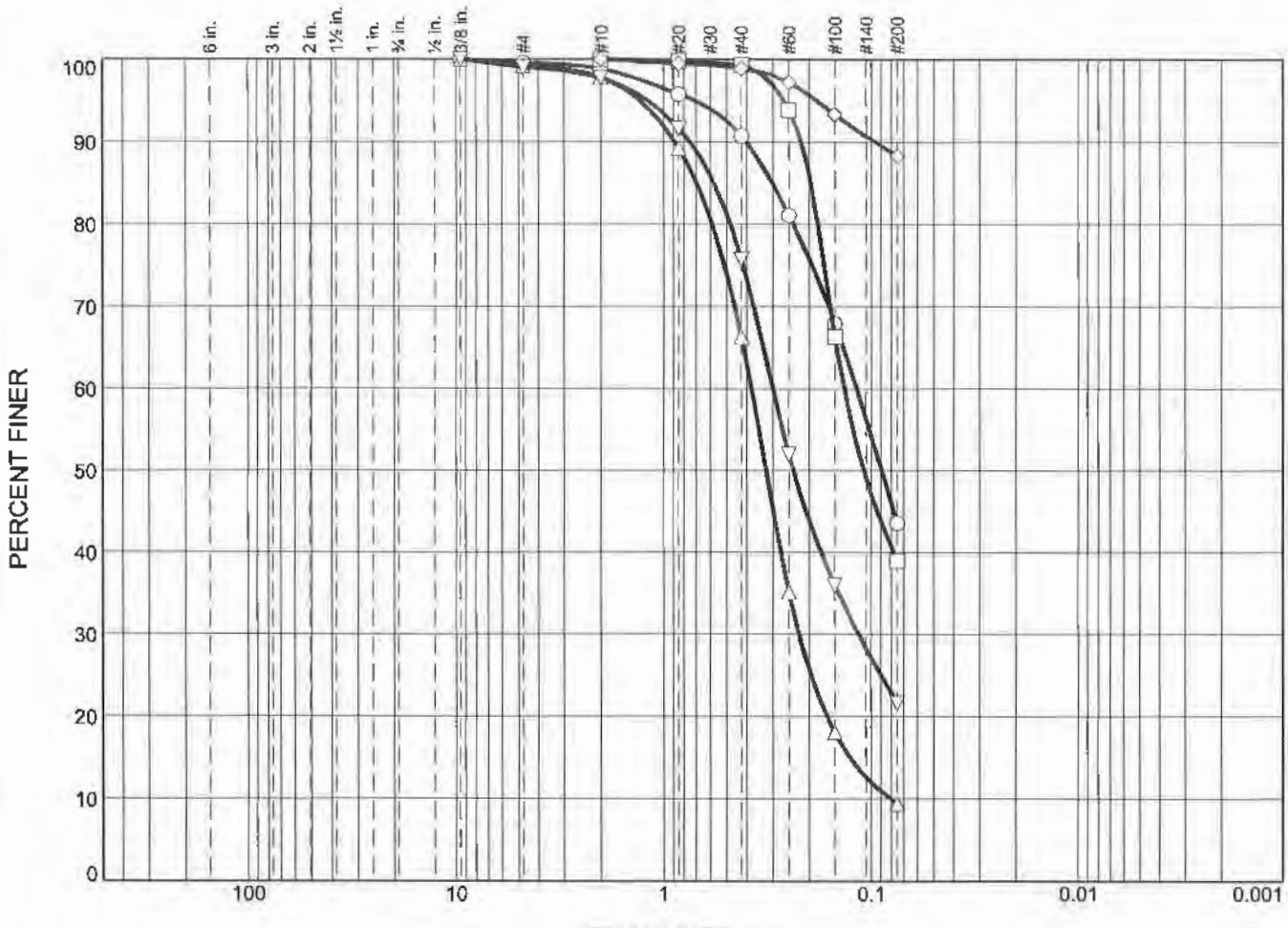
GRADATION*		COMPACTNESS* sand and/or gravel		CONSISTENCY* clay and/or silt	
% Finer by Weight		Relative Density		Range of Shearing Strength in Pounds per Square Foot	
Trace	0% to 10%	Loose	0% to 40%	Very Soft	less than 250
Little	10% to 20%	Medium Dense	40% to 70%	Soft	250 to 500
Some	20% to 35%	Dense	70% to 90%	Medium	500 to 1000
And	35% to 50%	Very Dense	90% to 100%	Stiff	1000 to 2000
				Very Stiff	2000 to 4000
				Hard	Greater than 4000

**Values are from laboratory or field test data, where applicable. When no testing was performed, values are estimated.*

UNIFIED SOIL CLASSIFICATION SYSTEM

SOIL CLASSIFICATION CHART

Gradation Curve(s)



	% Cobbles	% Gravel		% Sand			% Fines
		Coarse	Fine	Coarse	Medium	Fine	
○	0.0	0.0	0.5	0.6	8.2	47.1	43.6
□	0.0	0.0	0.0	0.0	0.7	60.4	38.9
△	0.0	0.0	0.8	1.4	31.5	56.9	9.4
◇	0.0	0.0	0.0	0.0	1.1	10.6	88.3
▽	0.0	0.0	1.0	1.3	21.9	54.2	21.6

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	B-1	S-3	5-7	Fine to medium Sand, and Silt, trace fine Gravel. (MC=25.3%)	SM
□	B-1	S-9	20-22	Fine Sand, and Silt. (MC=33.1%)	SM
△	B-2	S-2	2-4	Fine to medium Sand, trace Silt, trace fine Gravel. (MC=6.1%)	SP-SM
◇	B-2	S-9	22-24	Clayey Silt, little fine to medium Sand. (MC=31.2%)	ML
▽	B-3	S-2	3-5	Fine to medium Sand, some Silt, trace fine Gravel. (MC=19.5%)	Fill

Melick-Tully & Associates, P.C.

South Bound Brook, NJ

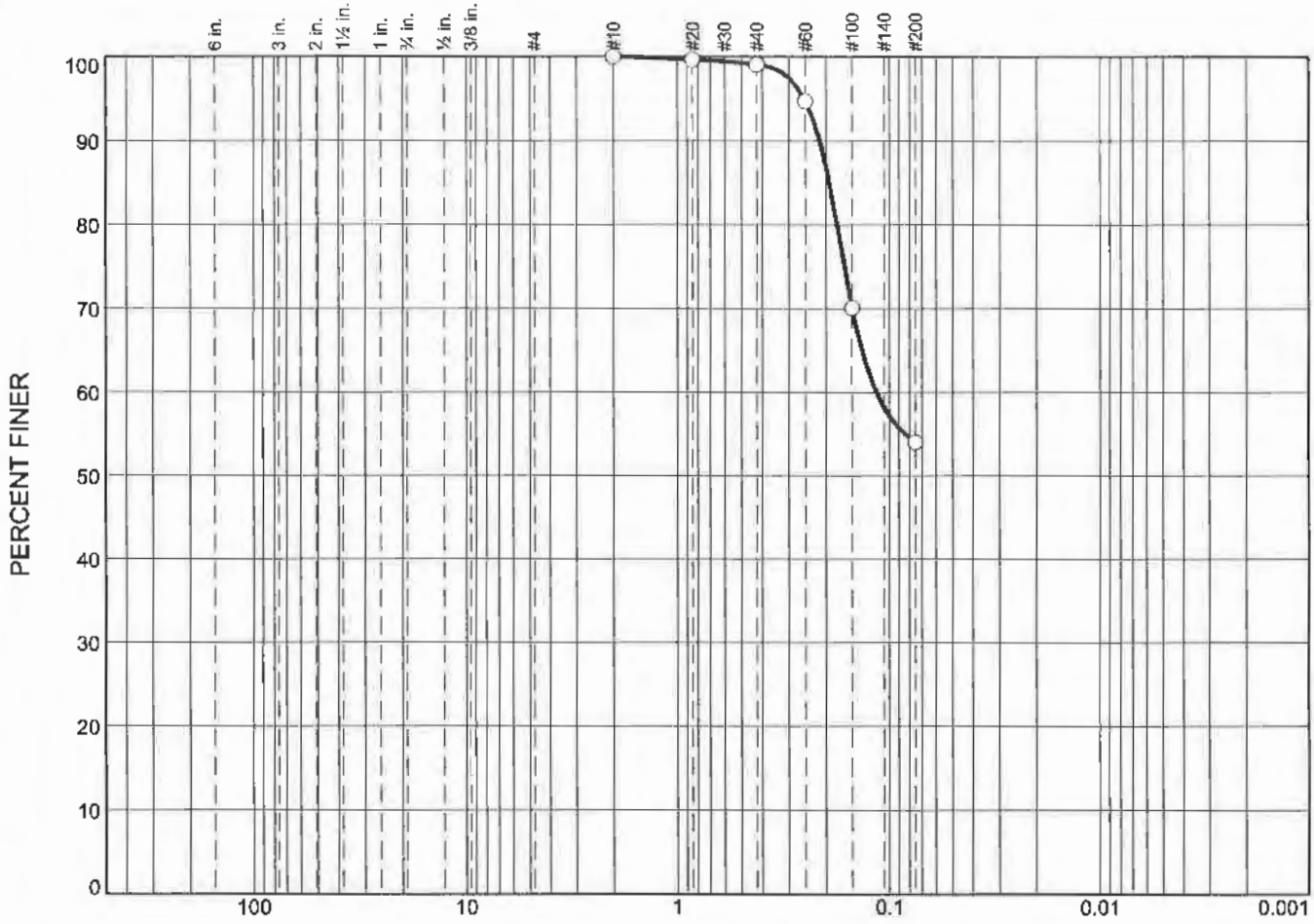
Client: Murphy Brothers Contracting, Inc

Project: Prop Self Storage Building, Mamaroneck, NY

Project No.: 9163-001

Plate 5A

Gradation Curve(s)



	% Cobbles	% Gravel		% Sand			% Fines
		Coarse	Fine	Coarse	Medium	Fine	
○	0.0	0.0	0.0	0.0	0.9	45.1	54.0

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	B-4	S-5	10-12	Silt, and fine Sand. (MC=35.8%)	ML

Melick-Tully & Associates, P.C.

South Bound Brook, NJ

Client: Murphy Brothers Contracting, Inc

Project: Prop Self Storage Building, Mamaroneck, NY

Project No.: 9163-001 **Plate** 5B

APPENDIX

APPENDIX

Limitations

A. Subsurface Information

Locations: The locations of the explorations were approximately determined by tape measurement from existing site features. Elevations of the explorations were approximately determined by interpolation between contours shown on topographic plans provided to us by the client. The locations and elevations of the explorations should be considered accurate only to the degree implied by the method used.

Interface of Strata: The stratification lines shown on the individual logs of the subsurface explorations represent the approximate boundaries between soil types, and the transitions may be gradual.

Field Logs/Final Logs: A field log was prepared for each exploration by a member of our staff. The field log contains factual information and interpretation of the soil conditions between samples. Our recommendations are based on the final logs as shown in this report and the information contained therein, and not on the field logs. The final logs represent our interpretation of the contents of the field logs, and the results of the laboratory observations and/or tests of the field samples.

Water Levels: Water level readings have been made in the explorations at times and under conditions stated on the individual logs. These data have been reviewed and interpretations made in the text of this report. However, it must be noted that fluctuations in the level of the groundwater will occur due to variations in rainfall, temperature, and other factors.

Pollution/Contamination: Unless specifically indicated to the contrary in this report, the scope of our services was limited only to investigation and evaluation of the geotechnical engineering aspects of the site conditions, and did not include any consideration of potential site pollution or contamination resulting from the presence of chemicals, metals, radioactive elements, etc. This report offers no facts or opinions related to potential pollution/contamination of the site.

Environmental Considerations: Unless specifically indicated to the contrary in this report, this report does not address environmental considerations which may affect the site development, e.g., wetlands determinations, flora and fauna, wildlife, etc. The conclusions and recommendations of this report are not intended to supersede any environmental conditions which should be reflected in the site planning.

B. Applicability of Report

This report has been prepared in accordance with generally accepted soils and foundation engineering practices for the exclusive use of Murphy Brothers Contracting, Inc. for specific application to the design of the proposed self-storage building. No other warranty, expressed or implied, is made.

This report may be referred to in the project specifications for general information purposes only, but should not be used as the technical specifications for the work, as it was prepared for design purposes exclusively.

C. Reinterpretation of Recommendations

Change in Location or Nature of Facilities: In the event that any changes in the nature, design or location of the building are planned, the conclusions and recommendations contained in this report shall not be considered valid unless the changes are reviewed and conclusions of this report modified or verified in writing.

Changed Conditions During Construction: The analyses and recommendations submitted in this report are based in part upon the data obtained from four widely-spaced test borings performed for this study. The nature and extent of variations between the explorations may not become evident until construction. If variations then appear evident, it will be necessary to reevaluate the recommendations of this report.

Changes in State-of-the-Art: The conclusions and recommendations contained in this report are based upon the applicable standards of our profession at the time this report was prepared.

D. Use of Report by Prospective Bidders

This soil and foundation engineering report was prepared for the project by Melick-Tully and Associates, P.C. for design purposes and may not be sufficient to prepare an accurate bid. Contractors utilizing the information in the report should do so with the express understanding that its scope was developed to address design considerations. Prospective bidders should obtain the owner's permission to perform whatever additional explorations or data gathering they deem necessary to prepare their bid accurately.

E. Construction Observation

We recommend that Melick-Tully and Associates, P.C. be retained to provide on-site soils engineering services during the earthwork construction and foundation phases of the work. This is to observe compliance with the design concepts and to allow changes in the event that subsurface conditions differ from those anticipated prior to the start of construction.

HydroEnvironmental SOLUTIONS, INC.

May 14, 2019

Mr. Chris Murphy
Mr. Sean Murphy
East Coast North Properties LLC
416 Waverly Avenue
Mamaroneck, New York 10543

Re: Soil Quality Investigation
416 Waverly Avenue
Mamaroneck, New York

Dear Messrs. Murphy:

HydroEnvironmental Solutions, Inc. (HES) has completed a soil quality investigation at 416 Waverly Avenue in Mamaroneck, New York. HES installed four soil borings throughout the proposed 14,000 ft^2 foundation footprint to assess soil/fill quality beneath the site for disposal purposes. HES understands that approximately 400 cubic yards of soil/fill will be excavated during the foundation construction. The site location is shown on **Figure 1**.

Field Activities

On April 30, 2019, HES installed four soil borings using a Geoprobe® drill rig and the direct push drilling method. The borings were installed in the immediate vicinity of the proposed foundation. Undisturbed sediment samples were collected continuously in 4-foot increments, using a 2.25-inch steel macro core sampler. The borings were designated GB-1 MW, GB-2, GB-3 and GB-4 MW, and were installed to completion depths of 6 to 8 feet

One Deans Bridge Road ● Somers, New York 10589
914.276.2560 ● FAX 914-276-2664

below grade (ftbg). Piezometers were installed in boring locations GB-1 MW and GB-4 MW for depth to groundwater monitoring purposes, depth to water readings at the time of installation are recorded on the geologic logs. The boring locations are shown on **Figure 2**, a generalized site plan of the subject site. Geologic Logs for borings GB-1 MW, GB-2, GB-3 and GB-4 MW are included at the end of this letter.

Soil samples were collected and placed in appropriately labeled glassware following industry accepted procedures. Individual grab samples were collected at each of the four soil boring locations to be analyzed for the presence of volatile organic compounds (VOCs) via EPA Method 8260D. The remaining soil from each of the four boring locations was then homogenized in a clean stainless steel bowl as one individual 5-point composite sample to be analyzed for total petroleum hydrocarbons (TPH) via EPA Method 8015C and one individual 8-point composite to be analyzed for polycyclic aromatic hydrocarbons (PAHs) via EPA Method 8270E, poly chlorinated biphenyls (PCBs) via EPA Method 8082A, metals via EPA Method 6010D and EPA Method 6010D/7470A, and RCRA Characteristics (ignitability, corrosivity, and reactivity). The samples were transported on ice to Phoenix Environmental Laboratories, Inc. (Phoenix); a New York State certified laboratory located in Manchester, Connecticut, where they were analyzed in accordance with New York State Department of Environmental Conservation (NYSDEC) Guidelines. The laboratory analytical report for soil sampling is attached at the end of this letter.

Results

Laboratory analytical results indicate that no samples exceeded their respective NYSDEC Commercial Use Standards.

Acetone (140 micrograms per kilogram [ug/kg]) in the soil sample designated GB-1 MW (4.5-5 ftbg) exceeds its respective NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs). Additionally, chromium (34.2 ug/kg) in the soil sample designated GB 1-4 (Composite 8P) exceeds NYSDEC-UUSCOs. No other soil samples exceeded their respective NYSDEC-UUSCOs. The laboratory analytical results are summarized on **Table 1** attached at the end of this letter.

Conclusions

- With the exception of acetone, which is a known common laboratory artifact used in analytical sample extraction and preparation procedure, and

chromium, no VOCs, TPH, PAHs, PCBs, or Metals exceeded their respective NYSDEC-UUSCOs in any of the soil samples collected for laboratory analysis.

- No VOCs, TPH, PAHs, PCBs, or Metals exceeded their respective NYSDEC-Commercial Use Standards in any of the soil samples collected for laboratory analysis.

- According to waste classification analysis, this soil would meet disposal requirements at multiple NYSDEC approved facilities as a non-hazardous waste.

Recommendations

Based upon laboratory analytical results, HES believes that no significant impacts to the soil/fill quality exist beneath the top 6 feet of soil/fill. Additionally, the soil/fill does meet NYSDEC Commercial Use Standards. Based on the characterization of the material which includes "urban fill" we recommend that any excavated material be disposed of at an approved NYSDEC processing facility.

Please contact us at (914) 276-2560 with any questions or concerns you may have regarding this project.

Very truly yours,
HydroEnvironmental Solutions, Inc.

Michael J. Scott
Geologist/Hydrogeologist

William A. Canavan, PG, LSRP
President

Enclosures

cc: File

HydroEnvironmental SOLUTIONS, INC.
One Deans Bridge Road Somers, New York 10589
(914) 276 - 2560 Fax: (914) 276 - 2664

TABLES

TABLE 1

416 WAVERLY AVENUE
MAMARONECK, NEW YORK

SUMMARY OF SOIL QUALITY LABORATORY ANALYTICAL RESULTS

Collection Date	Units	NY 375 Commercial	NY 375 Res UnRestricted	04/30/2019		04/30/2019		04/30/2019		04/30/2019		04/30/2019		04/30/2019	
Client Id				GB 1-4 (COMPOSITE 8P)		GB 1-4 (COMPOSITE 5P)		GB-1 (4.5-5 ftbg)		GB-2 (1-1.5 ftbg)		GB-3 (3.5-4 ftbg)		GB-4 (3-3.5ftbg)	
Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Miscellaneous/Inorganics															
Corrosivity	Pos/Neg			Negative											
Flash Point	Degree F			< 200	200										
Ignitability	degree F			< 140	140										
Percent Solid	%			50		75									
pH at 25C - Soil	pH Units			7.72	1										
Reactivity	Pos/Neg			Negative											
Reactivity Cyanide	mg/Kg			< 9	9										
Reactivity Sulfide	mg/Kg			< 20	20										
Metals Total															
Aluminum	mg/Kg			21000	93										
Antimony	mg/Kg			< 6.2	6.2										
Arsenic	mg/Kg	16	13	4.8	1.2										
Barium	mg/Kg	400	350	97.8	0.62										
Beryllium	mg/Kg	590	7.2	0.67	0.49										
Cadmium	mg/Kg	9.3	2.5	< 0.62	0.62										
Calcium	mg/Kg			4750	9.3										
Chromium	mg/Kg		30	34.2	0.62										
Cobalt	mg/Kg			13.4	0.62										
Copper	mg/kg	270	50	28.1	1.2										
Iron	mg/Kg			28700	93										
Lead	mg/Kg	1000	63	33.8	0.62										
Magnesium	mg/Kg			5800	9.3										
Manganese	mg/Kg	10000	1600	373	6.2										
Mercury	mg/Kg	2.8	0.18	0.18	0.12										
Nickel	mg/Kg	310	30	24	0.62										
Potassium	mg/Kg			2400	9.3										
Selenium	mg/Kg	1500	3.9	< 2.5	2.5										
Silver	mg/Kg	1500	2	< 0.62	0.62										
Sodium	mg/Kg			198	9.3										
Thallium	mg/Kg			< 5.6	5.6										
Vanadium	mg/Kg			41.8	0.62										
Zinc	mg/Kg	10000	109	82.4	1.2										
Polychlorinated Biphenyls - SW8082A															
PCB-1016	ug/Kg	1000	100	< 660	660										
PCB-1221	ug/Kg	1000	100	< 660	660										
PCB-1232	ug/Kg	1000	100	< 660	660										
PCB-1242	ug/Kg	1000	100	< 660	660										
PCB-1248	ug/Kg	1000	100	< 660	660										
PCB-1254	ug/Kg	1000	100	< 660	660										
PCB-1260	ug/Kg	1000	100	< 660	660										
PCB-1262	ug/Kg		100	< 660	660										
PCB-1268	ug/Kg		100	< 660	660										
Semivolatiles - SW8270D															
1,2,4,5-Tetrachlorobenzene	ug/Kg			< 460	460										
1,2,4-Trichlorobenzene	ug/Kg			< 460	460										
1,2-Dichlorobenzene	ug/Kg	500000	1100	< 460	460										
1,2-Diphenylhydrazine	ug/Kg			< 660	660										
1,3-Dichlorobenzene	ug/Kg	280000	2400	< 460	460										
1,4-Dichlorobenzene	ug/Kg	130000	1800	< 460	460										
2,4,5-Trichlorophenol	ug/Kg			< 460	460										
2,4,6-Trichlorophenol	ug/Kg			< 460	460										
2,4-Dichlorophenol	ug/Kg			< 460	460										
2,4-Dimethylphenol	ug/Kg			< 460	460										
2,4-Dinitrophenol	ug/Kg			< 660	660										
2,4-Dinitrotoluene	ug/Kg			< 460	460										
2,6-Dinitrotoluene	ug/Kg			< 460	460										
2-Chloronaphthalene	ug/Kg			< 460	460										
2-Chlorophenol	ug/Kg			< 460	460										
2-Methylnaphthalene	ug/Kg			< 460	460										
2-Methylphenol (o-cresol)	ug/Kg	500000	330	< 460	460										
2-Nitroaniline	ug/Kg			< 660	660										
2-Nitrophenol	ug/Kg			< 460	460										
3&4-Methylphenol (m&p-cresol)	ug/Kg			< 660	660										
3,3'-Dichlorobenzidine	ug/Kg			< 460	460										
3-Nitroaniline	ug/Kg			< 660	660										
4,6-Dinitro-2-methylphenol	ug/Kg			< 660	660										
4-Bromophenyl phenyl ether	ug/Kg			< 660	660										
4-Chloro-3-methylphenol	ug/Kg			< 460	460										
4-Chloroaniline	ug/Kg			< 460	460										
4-Chlorophenyl phenyl ether	ug/Kg			< 460	460										
4-Nitroaniline	ug/Kg			< 1100	1100										
4-Nitrophenol	ug/Kg			< 460	460										
Acenaphthene	ug/Kg	500000	20000	< 460	460										
Acenaphthylene	ug/Kg	500000	100000	< 460	460										
Acetophenone	ug/Kg			< 460	460										
Aniline	ug/Kg			< 660	660										
Anthracene	ug/Kg	500000	100000	< 460	460										
Benz(a)anthracene	ug/Kg	5600	1000	< 460	460										
Benzidine	ug/Kg			< 460	460										
Benzo(a)pyrene	ug/Kg	1000	1000	< 460	460										

TABLE 1

416 WAVERLY AVENUE
MAMARONECK, NEW YORK

SUMMARY OF SOIL QUALITY LABORATORY ANALYTICAL RESULTS

Collection Date	Units	NY 375 Commercial	NY 375 Res UnRestricted	04/30/2019		04/30/2019		04/30/2019		04/30/2019		04/30/2019		04/30/2019	
Client Id				GB 1-4 (COMPOSITE 8P)		GB 1-4 (COMPOSITE 5P)		GB-1 (4.5-5 ftbg)		GB-2 (1-1.5 ftbg)		GB-3 (3.5-4 ftbg)		GB-4 (3-3.5ftbg)	
Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Benzo(b)fluoranthene	ug/Kg	5600	1000	< 460	460										
Benzo(ghi)perylene	ug/Kg	500000	100000	< 460	460										
Benzo(k)fluoranthene	ug/Kg	56000	800	< 460	460										
Benzoic acid	ug/Kg			< 1300	1300										
Benzyl butyl phthalate	ug/Kg			< 460	460										
Bis(2-chloroethoxy)methane	ug/Kg			< 460	460										
Bis(2-chloroethyl)ether	ug/Kg			< 660	660										
Bis(2-chloroisopropyl)ether	ug/Kg			< 460	460										
Bis(2-ethylhexyl)phthalate	ug/Kg			< 460	460										
Carbazole	ug/Kg			< 660	660										
Chrysene	ug/Kg	56000	1000	< 460	460										
Di-n-butylphthalate	ug/Kg			< 660	660										
Di-n-octylphthalate	ug/Kg			< 460	460										
Dibenz(a,h)anthracene	ug/Kg	560	330	< 460	460										
Dibenzofuran	ug/Kg	350000	330	< 460	460										
Diethyl phthalate	ug/Kg			< 460	460										
Dimethylphthalate	ug/Kg			< 460	460										
Fluoranthene	ug/Kg	500000	100000	< 460	460										
Fluorene	ug/Kg	500000	30000	< 460	460										
Hexachlorobenzene	ug/Kg	6000		< 460	460										
Hexachlorobutadiene	ug/Kg			< 460	460										
Hexachlorocyclopentadiene	ug/Kg			< 460	460										
Hexachloroethane	ug/Kg			< 460	460										
Indeno(1,2,3-cd)pyrene	ug/Kg	5600	500	< 460	460										
Isophorone	ug/Kg			< 460	460										
N-Nitrosodi-n-propylamine	ug/Kg			< 460	460										
N-Nitrosodimethylamine	ug/Kg			< 660	660										
N-Nitrosodiphenylamine	ug/Kg			< 660	660										
Naphthalene	ug/Kg	500000	12000	< 460	460										
Nitrobenzene	ug/Kg			< 460	460										
Pentachloronitrobenzene	ug/Kg			< 660	660										
Pentachlorophenol	ug/Kg	6700	800	< 660	660										
Phenanthrene	ug/Kg	500000	100000	< 460	460										
Phenol	ug/Kg	500000	330	< 460	460										
Pyrene	ug/Kg	500000	100000	< 460	460										
Pyridine	ug/Kg			< 660	660										
TPH by GC (Extractable Products) - SW8015D DRO															
Fuel Oil #2 / Diesel Fuel	mg/kg					< 67	67								
Fuel Oil #4	mg/kg					< 67	67								
Fuel Oil #6	mg/kg					< 67	67								
Kerosene	mg/kg					< 67	67								
Motor Oil	mg/kg					< 67	67								
Other Oil	mg/kg					< 67	67								
Unidentified	mg/kg					< 67	67								
Volatiles - SW8260C															
1,1,1,2-Tetrachloroethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
1,1,1-Trichloroethane	ug/Kg	500000	680					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
1,1,2,2-Tetrachloroethane	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
1,1,2-Trichloroethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
1,1-Dichloroethane	ug/Kg	240000	270					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
1,1-Dichloroethene	ug/Kg	500000	330					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
1,1-Dichloropropene	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
1,2,3-Trichlorobenzene	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
1,2,3-Trichloropropane	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
1,2,4-Trichlorobenzene	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
1,2,4-Trimethylbenzene	ug/Kg	190000	3600					< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
1,2-Dibromo-3-chloropropane	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
1,2-Dibromoethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
1,2-Dichlorobenzene	ug/Kg	500000	1100					< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
1,2-Dichloroethane	ug/Kg	30000	20					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
1,2-Dichloropropane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
1,3,5-Trimethylbenzene	ug/Kg	190000	8400					< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
1,3-Dichlorobenzene	ug/Kg	280000	2400					< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
1,3-Dichloropropane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
1,4-Dichlorobenzene	ug/Kg	130000	1800					< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
2,2-Dichloropropane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
2-Chlorotoluene	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
2-Hexanone	ug/Kg							< 24	24	< 23	23	< 22	22	< 14	14
2-Isopropyltoluene	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
4-Chlorotoluene	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
4-Methyl-2-pentanone	ug/Kg							< 24	24	< 23	23	< 22	22	< 14	14
Acetone	ug/Kg	500000	50					140	24	< 23	23	< 22	22	< 14	14
Acrylonitrile	ug/Kg							< 9.5	9.5	< 9.2	9.2	< 8.9	8.9	< 5.5	5.5
Benzene	ug/Kg	44000	60					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Bromobenzene	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
Bromochloromethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Bromodichloromethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Bromoform	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Bromomethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Carbon Disulfide	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Carbon tetrachloride	ug/Kg	22000	760					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8

TABLE 1

416 WAVERLY AVENUE
MAMARONECK, NEW YORK

SUMMARY OF SOIL QUALITY LABORATORY ANALYTICAL RESULTS

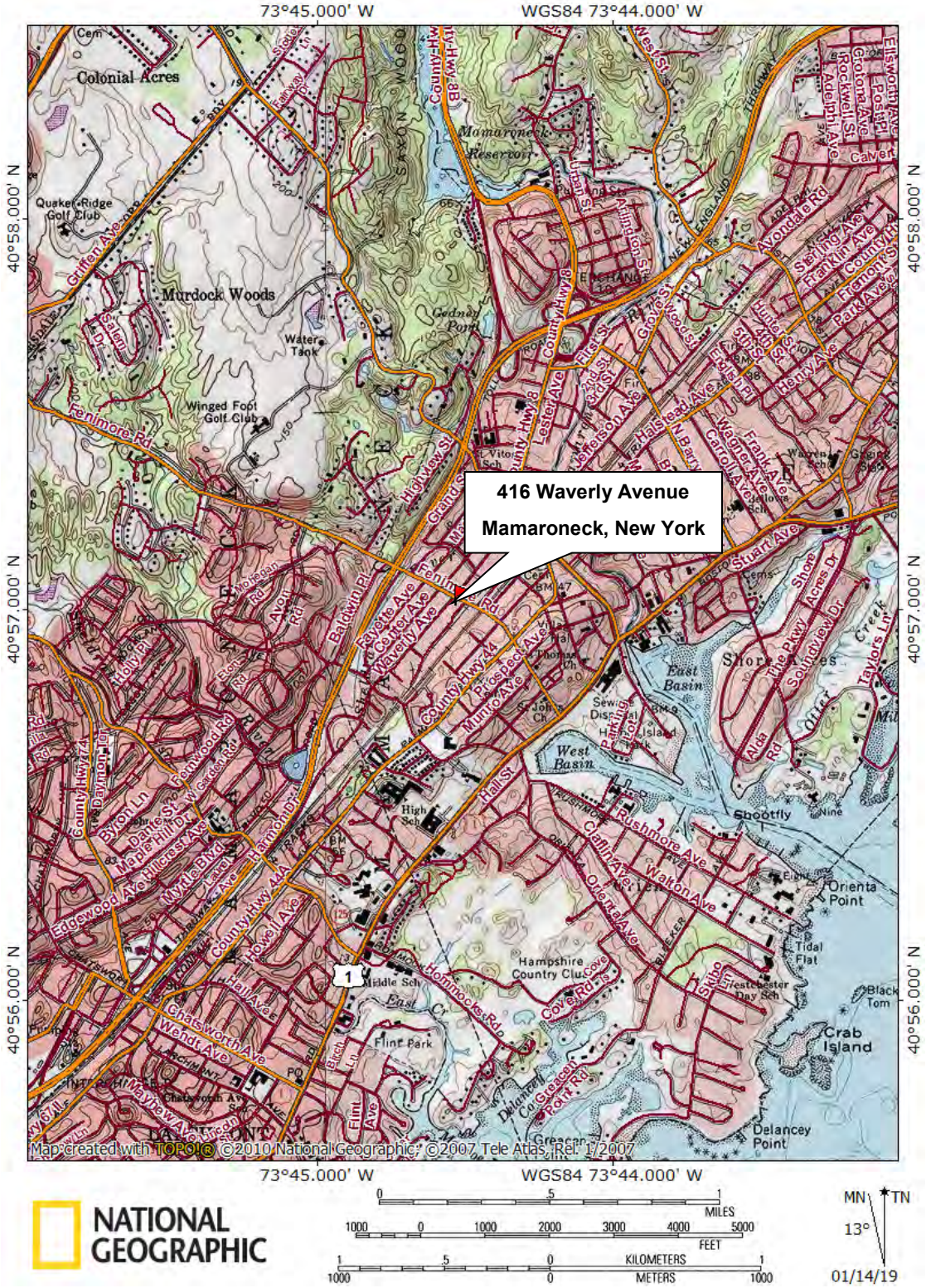
Collection Date	Units	NY 375 Commercial	NY 375 Res UnRestricted	04/30/2019		04/30/2019		04/30/2019		04/30/2019		04/30/2019		04/30/2019	
Client Id				GB 1-4 (COMPOSITE 8P)		GB 1-4 (COMPOSITE 5P)		GB-1 (4.5-5 ftbg)		GB-2 (1-1.5 ftbg)		GB-3 (3.5-4 ftbg)		GB-4 (3-3.5ftbg)	
Matrix				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Chlorobenzene	ug/Kg	500000	1100					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Chloroethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Chloroform	ug/Kg	350000	370					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Chloromethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
cis-1,2-Dichloroethene	ug/Kg	500000	250					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
cis-1,3-Dichloropropene	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Dibromochloromethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Dibromomethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Dichlorodifluoromethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Ethylbenzene	ug/Kg	390000	1000					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Hexachlorobutadiene	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
Isopropylbenzene	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
m&p-Xylene	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Methyl Ethyl Ketone	ug/Kg	500000	120					75	24	< 23	23	< 22	22	< 14	14
Methyl t-butyl ether (MTBE)	ug/Kg	500000	930					< 9.5	9.5	< 9.2	9.2	< 8.9	8.9	< 5.5	5.5
Methylene chloride	ug/Kg	500000	50					< 9.5	9.5	< 9.2	9.2	< 8.9	8.9	< 5.5	5.5
n-Butylbenzene	ug/Kg	500000	12000					< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
n-Propylbenzene	ug/Kg	500000	3900					< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
Naphthalene	ug/Kg	500000	12000					< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
o-Xylene	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
p-Isopropyltoluene	ug/Kg							< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
sec-Butylbenzene	ug/Kg	500000	11000					< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
Styrene	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
tert-Butylbenzene	ug/Kg	500000	5900					< 4.8	4.8	< 330	330	< 4.5	4.5	< 2.8	2.8
Tetrachloroethene	ug/Kg	150000	1300					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Tetrahydrofuran (THF)	ug/Kg							< 9.5	9.5	< 9.2	9.2	< 8.9	8.9	< 5.5	5.5
Toluene	ug/Kg	500000	700					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Total Xylenes	ug/Kg		260					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
trans-1,2-Dichloroethene	ug/Kg	500000	190					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
trans-1,3-Dichloropropene	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
trans-1,4-dichloro-2-butene	ug/Kg							< 9.5	9.5	< 670	670	< 8.9	8.9	< 5.5	5.5
Trichloroethene	ug/Kg	200000	470					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Trichlorofluoromethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Trichlorotrifluoroethane	ug/Kg							< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8
Vinyl chloride	ug/Kg	13000	20					< 4.8	4.8	< 4.6	4.6	< 4.5	4.5	< 2.8	2.8

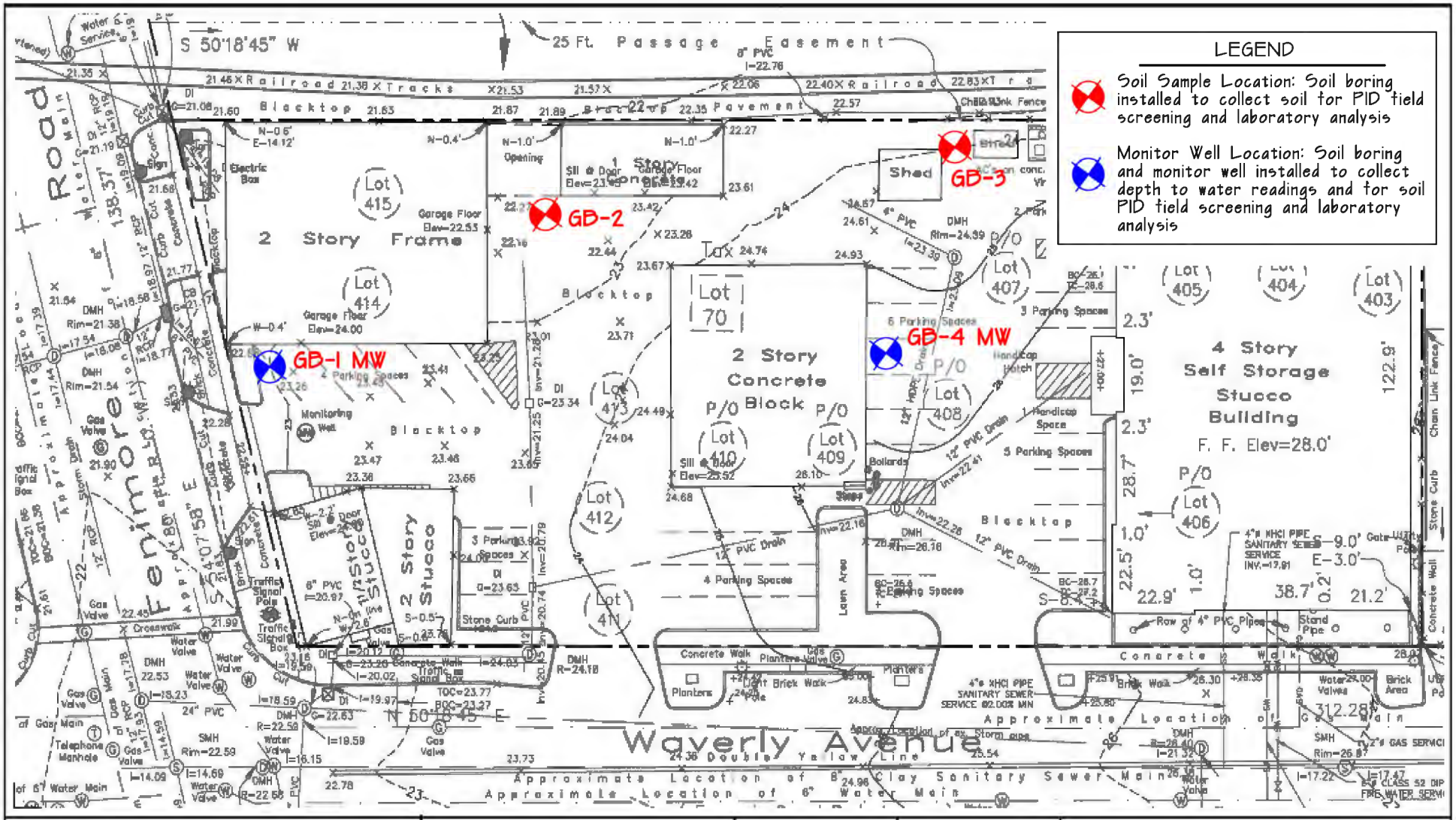
Note: Any exceedance is color coded by regulation

FIGURES

FIGURE 1

Site Location Map





416 WAVERLY AVENUE MAMARONECK, NEW YORK	GENERALIZED SITE PLAN Adapted From Hudson Engineering & Consulting, P.C.	NOT TO SCALE	MAY 2019
		SOIL SAMPLING	

HydroEnvironmental SOLUTIONS, INC.
One Deans Bridge Road
Somers, New York 10589

GEOLOGIC LOGS

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: East Coast North Properties, LLC **WELL NO.:** GB-1 MW **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** 1-inch Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 6 – 1 ftbg
DATE COMPLETED: 4/30/2019	**SAND PACK SIZE & TYPE:** No.2
DRILLING COMPANY: HES	**SETTING:** 6 – 1 ftbg
	CASING SIZE & TYPE: 1-inch Schedule 40 PVC
DRILLING METHOD: Geoprobe 54DT	**SETTING:** 1 – 0 ftbg
SAMPLING METHOD: 2.25-inch Macro Core	**SEAL TYPE:** Bentonite
DRILLER and/or OBSERVER: MJS	**SETTING:** 1 – 0 ftbg
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: 3.1 ftbg
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
REMARKS: Soil sampling and monitor well installation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	--	2	2.0	(0-3) FILL (ash, slag, brick); black; moist; no odor
						(3-4) CLAY and SAND (fine); light brown; moist; no odor
4	8	MC	--	3.75	2.5	(4-7.5) CLAY w/ organics; dark brown to black; moist; no odor
						(7.5-8) SAND (medium); gray; wet; no odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: East Coast North Properties, LLC
	WELL NO.: GB-2
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 4/30/2019	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: Geoprobe 54DT	**SETTING:**
SAMPLING METHOD: 2.25-inch Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: NA
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
REMARKS: Soil sampling	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	--	2.5	1.7	FILL (ash, slag, brick); black; moist; no odor
4	6	MC	--	1	3.5	GRAVEL (medium, rounded) and SAND (medium); tan; wet; no odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: East Coast North Properties, LLC
	WELL NO.: GB-3
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 4/30/2019	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HES	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: Geoprobe 54DT	**SETTING:**
SAMPLING METHOD: 2.25-inch Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: MJS	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: NA
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
REMARKS: Soil sampling	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	--	3	0.7	(0-3) FILL (ash, slag, brick); black; moist; no odor
						(3-4) SILT trace SAND (fine); brown; moist; no odor
4	6	MC	--	2	0.6	(4-4.5) SILT trace SAND (fine); brown; moist; no odor
						(4.5-6) SAND (fine to medium); tan; wet; no odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**CLIENT**: East Coast North Properties, LLC **WELL NO.:** GB-4 MW **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** 1-inch Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 7.2 – 2.2 ftbg
DATE COMPLETED: 4/30/2019	**SAND PACK SIZE & TYPE:** No.2
DRILLING COMPANY: HES	**SETTING:** 7.2 – 1 ftbg
	CASING SIZE & TYPE: 1-inch Schedule 40 PVC
DRILLING METHOD: Geoprobe 54DT	**SETTING:** 2.2 – 0 ftbg
SAMPLING METHOD: 2.25-inch Macro Core	**SEAL TYPE:** Bentonite
DRILLER and/or OBSERVER: MJS	**SETTING:** 1 – 0 ftbg
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: 4.8 ftbg
STICK-UP:	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
REMARKS: Soil sampling and monitor well installation	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	--	3	0.6	(0-1) FILL (ash, slag, brick); black; moist; no odor
						(1-4) SAND (fine) some SILT; reddish tan; moist; no odor
4	8	MC	--	3.75	0.8	SAND (fine to coarse); tan; wet; no odor

LABORATORY ANALYTICAL REPORT
FOR SOIL

PHOENIX
Environmental Laboratories, Inc.

Monday, May 13, 2019

Attn: Mr. William Canavan
HydroEnvironmental Solutions, Inc.
One Deans Bridge Rd
Somers NY 10589

Project ID: **416 WAVERLY AVE., MAMARONECK, NY**
SDG ID: **GCD05016**
Sample ID#s: **CD05016 - CD05021**

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

May 13, 2019

SDG I.D.: GCD05016

Project ID: 416 WAVERLY AVE., MAMARONECK, NY

Client Id	Lab Id	Matrix
GB-1 (4.5-5)	CD05016	SOIL
GB-2 (1-1.5)	CD05017	SOIL
GB-3 (3.5-4)	CD05018	SOIL
GB-4 (3-3.5)	CD05019	SOIL
GB 1-4 (COMPOSITE 5P)	CD05020	SOIL
GB 1-4 (COMPOSITE 8P)	CD05021	SOIL

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 13, 2019

FOR: Attn: Mr. William Canavan
HydroEnvironmental Solutions, Inc.
One Deans Bridge Rd
Somers NY 10589

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/30/19	
Location Code:	HES-NY	Received by:	LB	05/01/19	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD05016
Phoenix ID: CD05016

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-1 (4.5-5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloroethane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloroethene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloropropene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dibromoethane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dichloroethane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dichloropropane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,3-Dichloropropane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
2,2-Dichloropropane	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
2-Chlorotoluene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
2-Hexanone	ND	24	ug/Kg	1	05/05/19	JLI	SW8260C	
2-Isopropyltoluene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	1
4-Chlorotoluene	ND	4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	24	ug/Kg	1	05/05/19	JLI	SW8260C	

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-1 (4.5-5)

Phoenix I.D.: CD05016

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	140	S	24	ug/Kg	1	05/05/19	JLI	SW8260C	
Acrylonitrile	ND		9.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Benzene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromobenzene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromochloromethane	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromodichloromethane	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromoform	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromomethane	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Carbon Disulfide	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Carbon tetrachloride	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Chlorobenzene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloroethane	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloroform	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloromethane	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Dibromochloromethane	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Dibromomethane	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Dichlorodifluoromethane	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Ethylbenzene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Hexachlorobutadiene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Isopropylbenzene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
m&p-Xylene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Methyl Ethyl Ketone	75		24	ug/Kg	1	05/05/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		9.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Methylene chloride	ND		9.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Naphthalene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
n-Butylbenzene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
n-Propylbenzene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
o-Xylene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
p-Isopropyltoluene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
sec-Butylbenzene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Styrene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
tert-Butylbenzene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Tetrachloroethene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		9.5	ug/Kg	1	05/05/19	JLI	SW8260C	1
Toluene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Total Xylenes	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		9.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Trichloroethene	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Trichlorofluoromethane	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Vinyl chloride	ND		4.8	ug/Kg	1	05/05/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	05/05/19	JLI	70 - 130 %	
% Bromofluorobenzene	95			%	1	05/05/19	JLI	70 - 130 %	
% Dibromofluoromethane	101			%	1	05/05/19	JLI	70 - 130 %	

Ver 2

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-1 (4.5-5)

Phoenix I.D.: CD05016

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	99		%	1	05/05/19	JLI	70 - 130 %	
Field Extraction	Completed				04/30/19		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

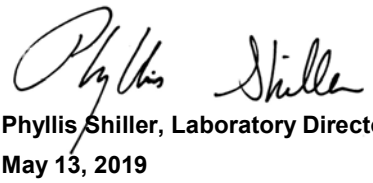
Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
May 13, 2019
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 13, 2019

FOR: Attn: Mr. William Canavan
HydroEnvironmental Solutions, Inc.
One Deans Bridge Rd
Somers NY 10589

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/30/19	
Location Code:	HES-NY	Received by:	LB	05/01/19	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD05016
Phoenix ID: CD05017

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-2 (1-1.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloroethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloroethene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloropropene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
1,2-Dibromoethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
1,2-Dichloroethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dichloropropane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
1,3-Dichloropropane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
2,2-Dichloropropane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
2-Chlorotoluene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
2-Hexanone	ND	23	ug/Kg	1	05/05/19	JLI	SW8260C	
2-Isopropyltoluene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	1
4-Chlorotoluene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	23	ug/Kg	1	05/05/19	JLI	SW8260C	

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-2 (1-1.5)

Phoenix I.D.: CD05017

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	23	ug/Kg	1	05/05/19	JLI	SW8260C	
Acrylonitrile	ND	9.2	ug/Kg	1	05/05/19	JLI	SW8260C	
Benzene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromobenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
Bromochloromethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromodichloromethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromoform	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromomethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Carbon Disulfide	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Carbon tetrachloride	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Chlorobenzene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloroethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloroform	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloromethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Dibromochloromethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Dibromomethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Ethylbenzene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Hexachlorobutadiene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
Isopropylbenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
m&p-Xylene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	23	ug/Kg	1	05/05/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.2	ug/Kg	1	05/05/19	JLI	SW8260C	
Methylene chloride	ND	9.2	ug/Kg	1	05/05/19	JLI	SW8260C	
Naphthalene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
n-Butylbenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
n-Propylbenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
o-Xylene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
p-Isopropyltoluene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
sec-Butylbenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
Styrene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
tert-Butylbenzene	ND	330	ug/Kg	50	05/04/19	JLI	SW8260C	
Tetrachloroethene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9.2	ug/Kg	1	05/05/19	JLI	SW8260C	1
Toluene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Total Xylenes	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	670	ug/Kg	50	05/04/19	JLI	SW8260C	
Trichloroethene	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Trichlorofluoromethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
Vinyl chloride	ND	4.6	ug/Kg	1	05/05/19	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	119		%	1	05/05/19	JLI	70 - 130 %	
% Bromofluorobenzene	84		%	1	05/05/19	JLI	70 - 130 %	
% Dibromofluoromethane	103		%	1	05/05/19	JLI	70 - 130 %	

Ver 2

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-2 (1-1.5)

Phoenix I.D.: CD05017

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	98		%	1	05/05/19	JLI	70 - 130 %	
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	05/04/19	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	97		%	50	05/04/19	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	100		%	50	05/04/19	JLI	70 - 130 %	
% Toluene-d8 (50x)	96		%	50	05/04/19	JLI	70 - 130 %	
Field Extraction	Completed				04/30/19		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 13, 2019
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 13, 2019

FOR: Attn: Mr. William Canavan
HydroEnvironmental Solutions, Inc.
One Deans Bridge Rd
Somers NY 10589

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/30/19	
Location Code:	HES-NY	Received by:	LB	05/01/19	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD05016
Phoenix ID: CD05018

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-3 (3.5-4)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloroethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloroethene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloropropene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dibromoethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dichloroethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dichloropropane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,3-Dichloropropane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
2,2-Dichloropropane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
2-Chlorotoluene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
2-Hexanone	ND	22	ug/Kg	1	05/05/19	JLI	SW8260C	
2-Isopropyltoluene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	1
4-Chlorotoluene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	22	ug/Kg	1	05/05/19	JLI	SW8260C	

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-3 (3.5-4)

Phoenix I.D.: CD05018

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	22	ug/Kg	1	05/05/19	JLI	SW8260C	
Acrylonitrile	ND	8.9	ug/Kg	1	05/05/19	JLI	SW8260C	
Benzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromobenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromochloromethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromodichloromethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromoform	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromomethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Carbon Disulfide	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Carbon tetrachloride	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Chlorobenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloroethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloroform	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloromethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Dibromochloromethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Dibromomethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Ethylbenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Hexachlorobutadiene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Isopropylbenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
m&p-Xylene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	22	ug/Kg	1	05/05/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	8.9	ug/Kg	1	05/05/19	JLI	SW8260C	
Methylene chloride	ND	8.9	ug/Kg	1	05/05/19	JLI	SW8260C	
Naphthalene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
n-Butylbenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
n-Propylbenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
o-Xylene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
p-Isopropyltoluene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
sec-Butylbenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Styrene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
tert-Butylbenzene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Tetrachloroethene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	8.9	ug/Kg	1	05/05/19	JLI	SW8260C	1
Toluene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Total Xylenes	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	8.9	ug/Kg	1	05/05/19	JLI	SW8260C	
Trichloroethene	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Trichlorofluoromethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Vinyl chloride	ND	4.5	ug/Kg	1	05/05/19	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	1	05/05/19	JLI	70 - 130 %	
% Bromofluorobenzene	98		%	1	05/05/19	JLI	70 - 130 %	
% Dibromofluoromethane	98		%	1	05/05/19	JLI	70 - 130 %	

Ver 2

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-3 (3.5-4)

Phoenix I.D.: CD05018

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	100		%	1	05/05/19	JLI	70 - 130 %	
Field Extraction	Completed				04/30/19		SW5035A	1

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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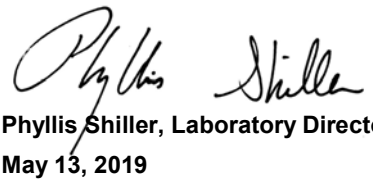

Phyllis Shiller, Laboratory Director
May 13, 2019
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 13, 2019

FOR: Attn: Mr. William Canavan
HydroEnvironmental Solutions, Inc.
One Deans Bridge Rd
Somers NY 10589

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/30/19	
Location Code:	HES-NY	Received by:	LB	05/01/19	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD05016
Phoenix ID: CD05019

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-4 (3-3.5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloroethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloroethene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,1-Dichloropropene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dibromoethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dichloroethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,2-Dichloropropane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,3-Dichloropropane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
2,2-Dichloropropane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
2-Chlorotoluene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
2-Hexanone	ND	14	ug/Kg	1	05/05/19	JLI	SW8260C	
2-Isopropyltoluene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	1
4-Chlorotoluene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	14	ug/Kg	1	05/05/19	JLI	SW8260C	

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-4 (3-3.5)

Phoenix I.D.: CD05019

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	14	ug/Kg	1	05/05/19	JLI	SW8260C	
Acrylonitrile	ND	5.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Benzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromobenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromochloromethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromodichloromethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromoform	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Bromomethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Carbon Disulfide	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Carbon tetrachloride	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Chlorobenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloroethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloroform	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Chloromethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Dibromochloromethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Dibromomethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Ethylbenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Hexachlorobutadiene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Isopropylbenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
m&p-Xylene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	14	ug/Kg	1	05/05/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	5.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Methylene chloride	ND	5.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Naphthalene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
n-Butylbenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
n-Propylbenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
o-Xylene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
p-Isopropyltoluene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
sec-Butylbenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Styrene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
tert-Butylbenzene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Tetrachloroethene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	5.5	ug/Kg	1	05/05/19	JLI	SW8260C	1
Toluene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Total Xylenes	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.5	ug/Kg	1	05/05/19	JLI	SW8260C	
Trichloroethene	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Trichlorofluoromethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
Vinyl chloride	ND	2.8	ug/Kg	1	05/05/19	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	1	05/05/19	JLI	70 - 130 %	
% Bromofluorobenzene	98		%	1	05/05/19	JLI	70 - 130 %	
% Dibromofluoromethane	101		%	1	05/05/19	JLI	70 - 130 %	

Ver 2

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB-4 (3-3.5)

Phoenix I.D.: CD05019

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8	100		%	1	05/05/19	JLI	70 - 130 %	
Field Extraction	Completed				04/30/19		SW5035A	1

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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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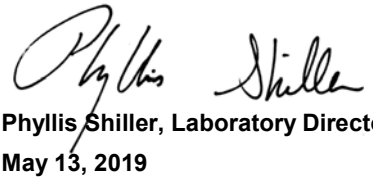

Phyllis Shiller, Laboratory Director
May 13, 2019
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 13, 2019

FOR: Attn: Mr. William Canavan
HydroEnvironmental Solutions, Inc.
One Deans Bridge Rd
Somers NY 10589

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/30/19	
Location Code:	HES-NY	Received by:	LB	05/01/19	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD05016
Phoenix ID: CD05020

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB 1-4 (COMPOSITE 5P)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	75		%		05/01/19	ML	SW846-%Solid	
Extraction of TPH SM	Completed				05/02/19	MJ/VL	SW3545A	
TPH by GC (Extractable Products)								
Fuel Oil #2 / Diesel Fuel	ND	67	mg/kg	1	05/03/19	KCA	SW8015D DRO	1
Fuel Oil #4	ND	67	mg/kg	1	05/03/19	KCA	SW8015D DRO	1
Fuel Oil #6	ND	67	mg/kg	1	05/03/19	KCA	SW8015D DRO	1
Kerosene	ND	67	mg/kg	1	05/03/19	KCA	SW8015D DRO	1
Motor Oil	ND	67	mg/kg	1	05/03/19	KCA	SW8015D DRO	1
Other Oil	ND	67	mg/kg	1	05/03/19	KCA	SW8015D DRO	1
Unidentified	ND	67	mg/kg	1	05/03/19	KCA	SW8015D DRO	1
QA/QC Surrogates								
% n-Pentacosane	89		%	1	05/03/19	KCA	50 - 150 %	

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB 1-4 (COMPOSITE 5P)

Phoenix I.D.: CD05020

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
May 13, 2019
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 13, 2019

FOR: Attn: Mr. William Canavan
HydroEnvironmental Solutions, Inc.
One Deans Bridge Rd
Somers NY 10589

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/30/19	
Location Code:	HES-NY	Received by:	LB	05/01/19	16:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCD05016
Phoenix ID: CD05021

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB 1-4 (COMPOSITE 8P)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.62	0.62	mg/Kg	1	05/02/19	TH	SW6010D	
Aluminum	21000	93	mg/Kg	10	05/02/19	TH	SW6010D	
Arsenic	4.8	1.2	mg/Kg	1	05/02/19	TH	SW6010D	
Barium	97.8	0.62	mg/Kg	1	05/02/19	TH	SW6010D	
Beryllium	0.67	0.49	mg/Kg	1	05/02/19	TH	SW6010D	
Calcium	4750	9.3	mg/Kg	1	05/02/19	TH	SW6010D	
Cadmium	< 0.62	0.62	mg/Kg	1	05/02/19	TH	SW6010D	
Cobalt	13.4	0.62	mg/Kg	1	05/02/19	TH	SW6010D	
Chromium	34.2	0.62	mg/Kg	1	05/02/19	TH	SW6010D	
Copper	28.1	1.2	mg/kg	1	05/02/19	TH	SW6010D	
Iron	28700	93	mg/Kg	10	05/02/19	EK	SW6010D	
Mercury	0.18	0.12	mg/Kg	1	05/03/19	RS	SW7471B	
Potassium	2400	9.3	mg/Kg	1	05/02/19	TH	SW6010D	
Magnesium	5800	9.3	mg/Kg	1	05/02/19	TH	SW6010D	
Manganese	373	6.2	mg/Kg	10	05/02/19	TH	SW6010D	
Sodium	198	9.3	mg/Kg	1	05/02/19	TH	SW6010D	
Nickel	24.0	0.62	mg/Kg	1	05/02/19	TH	SW6010D	
Lead	33.8	0.62	mg/Kg	1	05/02/19	TH	SW6010D	
Antimony	< 6.2	6.2	mg/Kg	1	05/02/19	TH	SW6010D	
Selenium	< 2.5	2.5	mg/Kg	1	05/02/19	TH	SW6010D	
Thallium	< 5.6	5.6	mg/Kg	1	05/02/19	TH	SW6010D	
Vanadium	41.8	0.62	mg/Kg	1	05/02/19	TH	SW6010D	
Zinc	82.4	1.2	mg/Kg	1	05/02/19	TH	SW6010D	
Percent Solid	50		%		05/01/19	ML	SW846-%Solid	
Corrosivity	Negative		Pos/Neg	1	05/01/19	AP	SW846-Corr	1
Flash Point	>200	200	Degree F	1	05/03/19	Y	SW1010A	
Ignitability	Passed	140	degree F	1	05/03/19	Y	SW846-Ignit	1
pH at 25C - Soil	7.72	1.00	pH Units	1	05/01/19 23:09	AP	SW9045	1

Ver 2

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB 1-4 (COMPOSITE 8P)

Phoenix I.D.: CD05021

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Reactivity Cyanide	< 9	9	mg/Kg	1	05/06/19	JO/GD	SW846-ReactCyn	1
Reactivity Sulfide	< 20	20	mg/Kg	1	05/06/19	JO/GD	SW-7.3	1
Reactivity	Negative		Pos/Neg	1	05/06/19	JO/GD	SW846-React	1
Soil Extraction for PCB	Completed				05/01/19	MM/V	SW3545A	
Soil Extraction for SVOA	Completed				05/02/19	JJ/LV	SW3545A	
Mercury Digestion	Completed				05/03/19	I/I	SW7471B	
Total Metals Digest	Completed				05/01/19	M/AG/BF	SW3050B	
Polychlorinated Biphenyls								
PCB-1016	ND	660	ug/Kg	10	05/02/19	SC	SW8082A	
PCB-1221	ND	660	ug/Kg	10	05/02/19	SC	SW8082A	
PCB-1232	ND	660	ug/Kg	10	05/02/19	SC	SW8082A	
PCB-1242	ND	660	ug/Kg	10	05/02/19	SC	SW8082A	
PCB-1248	ND	660	ug/Kg	10	05/02/19	SC	SW8082A	
PCB-1254	ND	660	ug/Kg	10	05/02/19	SC	SW8082A	
PCB-1260	ND	660	ug/Kg	10	05/02/19	SC	SW8082A	
PCB-1262	ND	660	ug/Kg	10	05/02/19	SC	SW8082A	
PCB-1268	ND	660	ug/Kg	10	05/02/19	SC	SW8082A	
QA/QC Surrogates								
% DCBP	58		%	10	05/02/19	SC	30 - 150 %	
% DCBP (Confirmation)	50		%	10	05/02/19	SC	30 - 150 %	
% TCMX	51		%	10	05/02/19	SC	30 - 150 %	
% TCMX (Confirmation)	54		%	10	05/02/19	SC	30 - 150 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
1,2-Dichlorobenzene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND	660	ug/Kg	1	05/03/19	WB	SW8270D	
1,3-Dichlorobenzene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
1,4-Dichlorobenzene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
2,4-Dichlorophenol	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
2,4-Dimethylphenol	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
2,4-Dinitrophenol	ND	660	ug/Kg	1	05/03/19	WB	SW8270D	
2,4-Dinitrotoluene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
2,6-Dinitrotoluene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
2-Chloronaphthalene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
2-Chlorophenol	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
2-Methylnaphthalene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
2-Nitroaniline	ND	660	ug/Kg	1	05/03/19	WB	SW8270D	
2-Nitrophenol	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	660	ug/Kg	1	05/03/19	WB	SW8270D	
3,3'-Dichlorobenzidine	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	
3-Nitroaniline	ND	660	ug/Kg	1	05/03/19	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	660	ug/Kg	1	05/03/19	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	660	ug/Kg	1	05/03/19	WB	SW8270D	
4-Chloro-3-methylphenol	ND	460	ug/Kg	1	05/03/19	WB	SW8270D	

Project ID: 416 WAVERLY AVE., MAMARONECK, NY
Client ID: GB 1-4 (COMPOSITE 8P)

Phoenix I.D.: CD05021

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chloroaniline	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
4-Nitroaniline	ND	1100	ug/Kg	1	05/03/19	WB	SW8270D
4-Nitrophenol	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Acenaphthene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Acenaphthylene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Acetophenone	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Aniline	ND	660	ug/Kg	1	05/03/19	WB	SW8270D
Anthracene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Benz(a)anthracene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Benzidine	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Benzo(a)pyrene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Benzo(b)fluoranthene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Benzo(ghi)perylene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Benzo(k)fluoranthene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Benzoic acid	ND	1300	ug/Kg	1	05/03/19	WB	SW8270D
Benzyl butyl phthalate	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	660	ug/Kg	1	05/03/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Carbazole	ND	660	ug/Kg	1	05/03/19	WB	SW8270D
Chrysene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Dibenzofuran	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Diethyl phthalate	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Dimethylphthalate	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Di-n-butylphthalate	ND	660	ug/Kg	1	05/03/19	WB	SW8270D
Di-n-octylphthalate	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Fluoranthene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Fluorene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Hexachlorobenzene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Hexachlorobutadiene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Hexachloroethane	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Isophorone	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Naphthalene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Nitrobenzene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
N-Nitrosodimethylamine	ND	660	ug/Kg	1	05/03/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	660	ug/Kg	1	05/03/19	WB	SW8270D
Pentachloronitrobenzene	ND	660	ug/Kg	1	05/03/19	WB	SW8270D
Pentachlorophenol	ND	660	ug/Kg	1	05/03/19	WB	SW8270D
Phenanthrene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Phenol	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Pyrene	ND	460	ug/Kg	1	05/03/19	WB	SW8270D
Pyridine	ND	660	ug/Kg	1	05/03/19	WB	SW8270D

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 2,4,6-Tribromophenol	95		%	1	05/03/19	WB	30 - 130 %
% 2-Fluorobiphenyl	59		%	1	05/03/19	WB	30 - 130 %
% 2-Fluorophenol	50		%	1	05/03/19	WB	30 - 130 %
% Nitrobenzene-d5	55		%	1	05/03/19	WB	30 - 130 %
% Phenol-d5	50		%	1	05/03/19	WB	30 - 130 %
% Terphenyl-d14	62		%	1	05/03/19	WB	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Corrosivity is based solely on the pH analysis performed above.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide. This method is no longer listed in the current version of SW-846.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
May 13, 2019
Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 13, 2019

QA/QC Data

SDG I.D.: GCD05016

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 477466 (mg/kg), QC Sample No: CD05000 (CD05021)														
Mercury - Soil	BRL	0.02	0.05	0.08	NC	107	112	4.6	95.7	116	19.2	70 - 130	30	
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 477188 (mg/kg), QC Sample No: CD05119 (CD05021)														
ICP Metals - Soil														
Aluminum	BRL	5.0	8040	7500	6.90	119			NC			75 - 125	30	
Antimony	BRL	3.3	<3.9	<3.9	NC	128			101			75 - 125	30	l
Arsenic	BRL	0.67	3.04	2.88	NC	114			96.4			75 - 125	30	
Barium	BRL	0.33	17.5	14.2	20.8	115			106			75 - 125	30	
Beryllium	BRL	0.27	<0.31	<0.31	NC	112			105			75 - 125	30	
Cadmium	BRL	0.33	<0.39	<0.39	NC	111			103			75 - 125	30	
Calcium	BRL	5.0	1230	1270	3.20	119			NC			75 - 125	30	
Chromium	BRL	0.33	16.1	14.2	12.5	118			108			75 - 125	30	
Cobalt	BRL	0.33	6.71	5.98	11.5	116			107			75 - 125	30	
Copper	BRL	0.67	20.4	18.0	12.5	117			109			75 - 125	30	
Iron	BRL	5.0	12400	12100	2.40	97.1			NC			75 - 125	30	
Lead	BRL	0.33	75.4	46.9	46.6	120			104			75 - 125	30	r
Magnesium	BRL	5.0	3250	2980	8.70	124			NC			75 - 125	30	
Manganese	BRL	0.33	135	131	3.00	116			129			75 - 125	30	m
Nickel	BRL	0.33	14.5	13.0	10.9	121			109			75 - 125	30	
Potassium	BRL	5.0	626	473	27.8	105			115			75 - 125	30	
Selenium	BRL	1.3	<1.5	<1.5	NC	96.5			83.1			75 - 125	30	
Silver	BRL	0.33	<0.39	<0.39	NC	108			98.2			75 - 125	30	
Sodium	BRL	5.0	217	196	10.2	109			>130			75 - 125	30	m
Thallium	BRL	3.0	<3.5	<3.5	NC	112			103			75 - 125	30	
Vanadium	BRL	0.33	21.6	20.0	7.70	106			112			75 - 125	30	
Zinc	BRL	0.67	52.0	39.0	28.6	111			102			75 - 125	30	

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

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QA/QC Report

May 13, 2019

QA/QC Data

SDG I.D.: GCD05016

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 477671 (mg/Kg), QC Sample No: CD04919 4.85X (CD05021)													
Reactivity Cyanide	BRL	0.05	<6	<5.6	NC	97.7						85 - 115	30
QA/QC Batch 477509 (Degree F), QC Sample No: CD04926 (CD05021)													
Flash Point			>200	>200	NC	100						75 - 125	30
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													
QA/QC Batch 477229 (PH), QC Sample No: CD04934 (CD05021)													
pH at 25C - Soil			7.61	7.63	0.30	99.5						85 - 115	20

PHOENIX

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QA/QC Report

May 13, 2019

QA/QC Data

SDG I.D.: GCD05016

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 477317 (mg/Kg), QC Sample No: CD04939 (CD05020)											
TPH by GC (Extractable Products) - Soil											
Ext. Petroleum H.C. (C9-C36)	ND	50	104	100	3.9	109	120	9.6	60 - 120	30	
% n-Pentacosane	78	%	78	94	18.6	95	111	15.5	50 - 150	30	
Comment:											
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.											
QA/QC Batch 477107 (ug/Kg), QC Sample No: CD04613 2X (CD05021)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	69	83	18.4	60	58	3.4	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	96	103	7.0	69	65	6.0	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	93	%	99	116	15.8	74	68	8.5	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	97	%	105	106	0.9	65	60	8.0	30 - 150	30	
% TCMX (Surrogate Rec)	94	%	94	101	7.2	66	62	6.3	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	92	%	100	104	3.9	69	64	7.5	30 - 150	30	
QA/QC Batch 477313 (ug/kg), QC Sample No: CD06078 (CD05021)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	60	56	6.9	62	59	5.0	30 - 130	30	
1,2,4-Trichlorobenzene	ND	230	57	55	3.6	57	56	1.8	30 - 130	30	
1,2-Dichlorobenzene	ND	180	51	50	2.0	54	52	3.8	30 - 130	30	
1,2-Diphenylhydrazine	ND	230	77	68	12.4	77	72	6.7	30 - 130	30	
1,3-Dichlorobenzene	ND	230	50	50	0.0	52	49	5.9	30 - 130	30	
1,4-Dichlorobenzene	ND	230	52	51	1.9	54	50	7.7	30 - 130	30	
2,4,5-Trichlorophenol	ND	230	71	60	16.8	73	73	0.0	30 - 130	30	
2,4,6-Trichlorophenol	ND	130	73	62	16.3	73	68	7.1	30 - 130	30	
2,4-Dichlorophenol	ND	130	69	60	14.0	70	67	4.4	30 - 130	30	
2,4-Dimethylphenol	ND	230	65	58	11.4	67	67	0.0	30 - 130	30	
2,4-Dinitrophenol	ND	230	<10	<10	NC	50	60	18.2	30 - 130	30	I
2,4-Dinitrotoluene	ND	130	82	74	10.3	85	82	3.6	30 - 130	30	
2,6-Dinitrotoluene	ND	130	81	73	10.4	81	78	3.8	30 - 130	30	
2-Chloronaphthalene	ND	230	65	60	8.0	62	58	6.7	30 - 130	30	
2-Chlorophenol	ND	230	63	56	11.8	64	62	3.2	30 - 130	30	
2-Methylnaphthalene	ND	230	59	56	5.2	61	58	5.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	64	60	6.5	67	67	0.0	30 - 130	30	
2-Nitroaniline	ND	330	130	112	14.9	144	152	5.4	30 - 130	30	m

QA/QC Data

SDG I.D.: GCD05016

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Nitrophenol	ND	230	91	85	6.8	89	89	0.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	68	60	12.5	71	71	0.0	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	91	74	20.6	76	82	7.6	30 - 130	30	
3-Nitroaniline	ND	330	85	76	11.2	90	94	4.3	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	21	14	40.0	64	71	10.4	30 - 130	30	l,r
4-Bromophenyl phenyl ether	ND	230	74	64	14.5	70	67	4.4	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	77	69	11.0	84	83	1.2	30 - 130	30	
4-Chloroaniline	ND	230	76	65	15.6	78	76	2.6	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	72	63	13.3	71	65	8.8	30 - 130	30	
4-Nitroaniline	ND	230	89	79	11.9	90	90	0.0	30 - 130	30	
4-Nitrophenol	ND	230	85	73	15.2	96	102	6.1	30 - 130	30	
Acenaphthene	ND	230	70	62	12.1	67	62	7.8	30 - 130	30	
Acenaphthylene	ND	130	68	61	10.9	65	61	6.3	30 - 130	30	
Acetophenone	ND	230	61	56	8.5	66	63	4.7	30 - 130	30	
Aniline	ND	330	48	43	11.0	39	35	10.8	30 - 130	30	
Anthracene	ND	230	72	60	18.2	68	66	3.0	30 - 130	30	
Benz(a)anthracene	ND	230	76	63	18.7	71	68	4.3	30 - 130	30	
Benzidine	ND	330	22	18	20.0	<10	<10	NC	30 - 130	30	l,m
Benzo(a)pyrene	ND	130	74	63	16.1	69	66	4.4	30 - 130	30	
Benzo(b)fluoranthene	ND	160	70	61	13.7	68	63	7.6	30 - 130	30	
Benzo(ghi)perylene	ND	230	71	60	16.8	64	62	3.2	30 - 130	30	
Benzo(k)fluoranthene	ND	230	83	71	15.6	76	72	5.4	30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	11	11	0.0	30 - 130	30	l,m
Benzyl butyl phthalate	ND	230	86	72	17.7	81	75	7.7	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	57	54	5.4	58	58	0.0	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	46	44	4.4	47	49	4.2	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	43	41	4.8	46	44	4.4	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	93	77	18.8	88	83	5.8	30 - 130	30	
Carbazole	ND	230	73	63	14.7	71	69	2.9	30 - 130	30	
Chrysene	ND	230	73	62	16.3	70	66	5.9	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	78	66	16.7	70	70	0.0	30 - 130	30	
Dibenzofuran	ND	230	71	63	11.9	68	64	6.1	30 - 130	30	
Diethyl phthalate	ND	230	80	72	10.5	81	77	5.1	30 - 130	30	
Dimethylphthalate	ND	230	75	66	12.8	72	74	2.7	30 - 130	30	
Di-n-butylphthalate	ND	670	83	69	18.4	79	76	3.9	30 - 130	30	
Di-n-octylphthalate	ND	230	86	71	19.1	82	79	3.7	30 - 130	30	
Fluoranthene	ND	230	73	62	16.3	72	69	4.3	30 - 130	30	
Fluorene	ND	230	73	66	10.1	71	66	7.3	30 - 130	30	
Hexachlorobenzene	ND	130	78	67	15.2	72	70	2.8	30 - 130	30	
Hexachlorobutadiene	ND	230	62	60	3.3	63	62	1.6	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	46	44	4.4	32	25	24.6	30 - 130	30	m
Hexachloroethane	ND	130	56	57	1.8	56	54	3.6	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	71	61	15.2	67	64	4.6	30 - 130	30	
Isophorone	ND	130	60	55	8.7	61	60	1.7	30 - 130	30	
Naphthalene	ND	230	55	53	3.7	57	56	1.8	30 - 130	30	
Nitrobenzene	ND	130	63	59	6.6	69	65	6.0	30 - 130	30	
N-Nitrosodimethylamine	ND	230	44	45	2.2	48	51	6.1	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	63	58	8.3	71	66	7.3	30 - 130	30	
N-Nitrosodiphenylamine	ND	130	72	63	13.3	69	65	6.0	30 - 130	30	
Pentachloronitrobenzene	ND	230	85	72	16.6	84	78	7.4	30 - 130	30	
Pentachlorophenol	ND	230	47	39	18.6	78	76	2.6	30 - 130	30	
Phenanthrene	ND	130	70	58	18.8	66	62	6.3	30 - 130	30	
Phenol	ND	230	64	58	9.8	66	68	3.0	30 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Pyrene	ND	230	75	63	17.4	74	70	5.6	30 - 130	30
Pyridine	ND	230	33	32	3.1	35	33	5.9	30 - 130	30
% 2,4,6-Tribromophenol	82	%	98	84	15.4	90	85	5.7	30 - 130	30
% 2-Fluorobiphenyl	62	%	65	60	8.0	58	55	5.3	30 - 130	30
% 2-Fluorophenol	51	%	57	55	3.6	56	58	3.5	30 - 130	30
% Nitrobenzene-d5	61	%	63	62	1.6	68	64	6.1	30 - 130	30
% Phenol-d5	56	%	63	58	8.3	63	65	3.1	30 - 130	30
% Terphenyl-d14	67	%	71	61	15.2	67	63	6.2	30 - 130	30

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 477703 (ug/kg), QC Sample No: CD05076 (CD05016, CD05017, CD05018, CD05019)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	5.0	105	103	1.9	107	114	6.3	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	103	103	0.0	106	111	4.6	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	101	101	0.0	115	119	3.4	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	98	97	1.0	103	107	3.8	70 - 130	30
1,1-Dichloroethane	ND	5.0	102	99	3.0	106	111	4.6	70 - 130	30
1,1-Dichloroethene	ND	5.0	107	104	2.8	73	82	11.6	70 - 130	30
1,1-Dichloropropene	ND	5.0	106	105	0.9	111	116	4.4	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	98	101	3.0	117	119	1.7	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	97	95	2.1	107	111	3.7	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	101	99	2.0	118	125	5.8	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	102	101	1.0	111	117	5.3	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	101	101	0.0	114	117	2.6	70 - 130	30
1,2-Dibromoethane	ND	5.0	100	97	3.0	107	110	2.8	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	97	95	2.1	108	112	3.6	70 - 130	30
1,2-Dichloroethane	ND	5.0	100	98	2.0	105	107	1.9	70 - 130	30
1,2-Dichloropropane	ND	5.0	98	96	2.1	105	107	1.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	102	101	1.0	110	116	5.3	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	100	98	2.0	108	115	6.3	70 - 130	30
1,3-Dichloropropane	ND	5.0	98	97	1.0	106	109	2.8	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	97	96	1.0	109	113	3.6	70 - 130	30
2,2-Dichloropropane	ND	5.0	109	106	2.8	110	116	5.3	70 - 130	30
2-Chlorotoluene	ND	5.0	98	98	0.0	108	114	5.4	70 - 130	30
2-Hexanone	ND	25	97	94	3.1	108	113	4.5	70 - 130	30
2-Isopropyltoluene	ND	5.0	103	102	1.0	110	118	7.0	70 - 130	30
4-Chlorotoluene	ND	5.0	99	98	1.0	108	113	4.5	70 - 130	30
4-Methyl-2-pentanone	ND	25	100	98	2.0	110	113	2.7	70 - 130	30
Acetone	ND	10	98	94	4.2	82	89	8.2	70 - 130	30
Acrylonitrile	ND	5.0	101	97	4.0	111	116	4.4	70 - 130	30
Benzene	ND	1.0	100	98	2.0	106	111	4.6	70 - 130	30
Bromobenzene	ND	5.0	98	96	2.1	106	111	4.6	70 - 130	30
Bromochloromethane	ND	5.0	97	97	0.0	105	109	3.7	70 - 130	30
Bromodichloromethane	ND	5.0	104	100	3.9	104	106	1.9	70 - 130	30
Bromoform	ND	5.0	111	110	0.9	104	109	4.7	70 - 130	30
Bromomethane	ND	5.0	91	87	4.5	90	88	2.2	70 - 130	30
Carbon Disulfide	ND	5.0	108	104	3.8	73	78	6.6	70 - 130	30
Carbon tetrachloride	ND	5.0	103	103	0.0	99	107	7.8	70 - 130	30
Chlorobenzene	ND	5.0	99	96	3.1	107	111	3.7	70 - 130	30
Chloroethane	ND	5.0	99	97	2.0	95	93	2.1	70 - 130	30
Chloroform	ND	5.0	100	97	3.0	106	109	2.8	70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	5.0	91	87	4.5	93	98	5.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	104	98	5.9	104	110	5.6	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	103	100	3.0	106	109	2.8	70 - 130	30	
Dibromochloromethane	ND	3.0	111	109	1.8	112	114	1.8	70 - 130	30	
Dibromomethane	ND	5.0	96	95	1.0	103	102	1.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	103	97	6.0	98	106	7.8	70 - 130	30	
Ethylbenzene	ND	1.0	102	99	3.0	108	113	4.5	70 - 130	30	
Hexachlorobutadiene	ND	5.0	104	103	1.0	116	122	5.0	70 - 130	30	
Isopropylbenzene	ND	1.0	102	101	1.0	109	116	6.2	70 - 130	30	
m&p-Xylene	ND	2.0	101	99	2.0	108	114	5.4	70 - 130	30	
Methyl ethyl ketone	ND	5.0	102	100	2.0	113	120	6.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	95	94	1.1	102	104	1.9	70 - 130	30	
Methylene chloride	ND	5.0	75	72	4.1	76	75	1.3	70 - 130	30	
Naphthalene	ND	5.0	102	103	1.0	122	125	2.4	70 - 130	30	
n-Butylbenzene	ND	1.0	109	108	0.9	119	127	6.5	70 - 130	30	
n-Propylbenzene	ND	1.0	104	101	2.9	110	119	7.9	70 - 130	30	
o-Xylene	ND	2.0	101	99	2.0	108	113	4.5	70 - 130	30	
p-Isopropyltoluene	ND	1.0	105	104	1.0	114	122	6.8	70 - 130	30	
sec-Butylbenzene	ND	1.0	108	107	0.9	115	122	5.9	70 - 130	30	
Styrene	ND	5.0	102	100	2.0	111	114	2.7	70 - 130	30	
tert-Butylbenzene	ND	1.0	102	101	1.0	109	117	7.1	70 - 130	30	
Tetrachloroethene	ND	5.0	100	98	2.0	106	110	3.7	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	96	92	4.3	107	112	4.6	70 - 130	30	
Toluene	ND	1.0	100	99	1.0	106	110	3.7	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	106	99	6.8	109	114	4.5	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	99	97	2.0	102	104	1.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	109	107	1.9	115	120	4.3	70 - 130	30	
Trichloroethene	ND	5.0	102	101	1.0	109	112	2.7	70 - 130	30	
Trichlorofluoromethane	ND	5.0	93	87	6.7	86	85	1.2	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	105	101	3.9	79	83	4.9	70 - 130	30	
Vinyl chloride	ND	5.0	101	95	6.1	107	116	8.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	100	100	0.0	101	100	1.0	70 - 130	30	
% Bromofluorobenzene	97	%	101	101	0.0	101	100	1.0	70 - 130	30	
% Dibromofluoromethane	99	%	100	101	1.0	98	98	0.0	70 - 130	30	
% Toluene-d8	99	%	100	100	0.0	100	99	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 477693 (ug/kg), QC Sample No: CD05079 (CD05017 (50X))

Volatiles - Soil

1,1,2,2-Tetrachloroethane	ND	3.0	121	117	3.4	117	113	3.5	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	120	118	1.7	137	134	2.2	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	124	107	14.7	121	118	2.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	108	108	0.0	129	129	0.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	118	116	1.7	127	123	3.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	125	123	1.6	134	125	6.9	70 - 130	30	m
1,2-Dichlorobenzene	ND	5.0	113	110	2.7	118	118	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	118	118	0.0	125	123	1.6	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	112	109	2.7	118	119	0.8	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	109	105	3.7	114	115	0.9	70 - 130	30	
2-Chlorotoluene	ND	5.0	117	117	0.0	126	124	1.6	70 - 130	30	
2-Isopropyltoluene	ND	5.0	117	116	0.9	126	124	1.6	70 - 130	30	
4-Chlorotoluene	ND	5.0	113	111	1.8	118	118	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCD05016

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromobenzene	ND	5.0	118	115	2.6	123	119	3.3	70 - 130	30	
Hexachlorobutadiene	ND	5.0	114	116	1.7	129	133	3.1	70 - 130	30	m
Isopropylbenzene	ND	1.0	121	120	0.8	130	125	3.9	70 - 130	30	
Naphthalene	ND	5.0	141	136	3.6	176	161	8.9	70 - 130	30	l,m
n-Butylbenzene	ND	1.0	119	120	0.8	128	129	0.8	70 - 130	30	
n-Propylbenzene	ND	1.0	120	116	3.4	125	122	2.4	70 - 130	30	
p-Isopropyltoluene	ND	1.0	122	120	1.7	130	128	1.6	70 - 130	30	
sec-Butylbenzene	ND	1.0	125	124	0.8	132	130	1.5	70 - 130	30	m
tert-Butylbenzene	ND	1.0	124	123	0.8	132	128	3.1	70 - 130	30	m
trans-1,4-dichloro-2-butene	ND	5.0	116	116	0.0	104	101	2.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	101	103	2.0	101	102	1.0	70 - 130	30	
% Bromofluorobenzene	95	%	100	99	1.0	102	99	3.0	70 - 130	30	
% Dibromofluoromethane	105	%	99	98	1.0	99	98	1.0	70 - 130	30	
% Toluene-d8	97	%	102	102	0.0	103	103	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
May 13, 2019

Monday, May 13, 2019

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCD05016 - HES-NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

May 13, 2019 SDG I.D.: GCD05016

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOA Narration

CHEM19 05/03/19-1: CD05021

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.055 (0.1), Hexachlorobenzene 0.090 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 2-Nitrophenol 33%H (30%), Benzoic acid 44%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: Benzoic acid 44%L (40%)
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.073 (0.1), Hexachlorobenzene 0.096 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

VOA Narration

CHEM14 05/03/19-2: CD05017

The following Initial Calibration compounds did not meet RSD% criteria: Naphthalene 33% (15%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM31 05/05/19-1: CD05016, CD05017, CD05018, CD05019

The following Initial Calibration compounds did not meet RSD% criteria: Bromoform 17% (15%), Chloroethane 21% (15%), Methylene chloride 39% (15%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Bromoform 0.078 (0.1), Tetrachloroethene 0.141 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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NY Temperature Narration

May 13, 2019

SDG I.D.: GCD05016

The samples in this delivery group were received at 5.1°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

UIC + I.P.

Temp 5.1 °C Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: info@ehsny.com

Customer:
Address: HYDROENVIRONMENTAL SOLUTIONS, ONE DEANS BRIDGE ROAD, SOMERS, NEW YORK 10589

Project: 4/6 Waverly Avenue, Mamaroneck, New York Project P.O:
Report to: SAME
Invoice to: SAME
Phone #: 914-206-2560
Fax #:

Client Sample - Information - Identification

Sampler's Signature: _____ Date: 4/30/19

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request: EPA 8260D; TPH; EPA 8015C; EPA 8270E; EPA 8082A; EPA 6010D; EPA 6010D/7470A; RCRA Characteristics (Ignitability, Corrosivity, Reactivity)

Preservation: Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O; GL Soil container (4) oz; GL Soil container (8) oz; 40 ml VOA Vial [ ] As is [ ] HCl; GL Amber 1000ml [ ] As is [ ] H2SO4; PL As is [ ] 250ml [ ] 500ml [ ] 1000ml; PL H2SO4 [ ] 250ml [ ] 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	EPA 8260D	TPH	EPA 8015C	EPA 8270E	EPA 8082A	EPA 6010D	EPA 6010D/7470A	RCRA Characteristics	Soil VOA	GL Soil 4 oz	GL Soil 8 oz	40 ml VOA Vial	GL Amber 1000ml	PL As is	PL H2SO4	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
05016	GB-1 (4.5-5)	S	4/30/19		X								3									
05017	GB-2 (1-1.5)				X								3									
05018	GB-3 (3.5-4)				X								3									
05019	GB-4 (3-3.5)				X								3									
	[illegible]																					
05020	GB1-4 (composite 5P)					X								1								
05021	GB1-4 (composite 8P)						X	X	X	X					2							

Relinquished by:	Accepted by:	Date:	Time:
		5.1.19	11:8
		5.1.19	14:55
		5-1-19	16:44

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☒ NY375 Restricted Non-Residential Soil

Data Format
☒ Phoenix Std Report
☒ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

APPENDIX .

Photographs

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York

Photograph of the exterior of the 416 Waverly Avenue

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York

Photograph of the exterior of 522 Fennimore Road barn building

Photograph of the street view of the property (Waverly Avenue)

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York

Photograph of exterior of barn building, note previous boring under cone

Photograph of monitor well in the parking lot of the property

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York

Photograph of Railroad spur running north to south behind barn (red building not on property)

Photograph of 560 Fenimore Road building exterior

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York

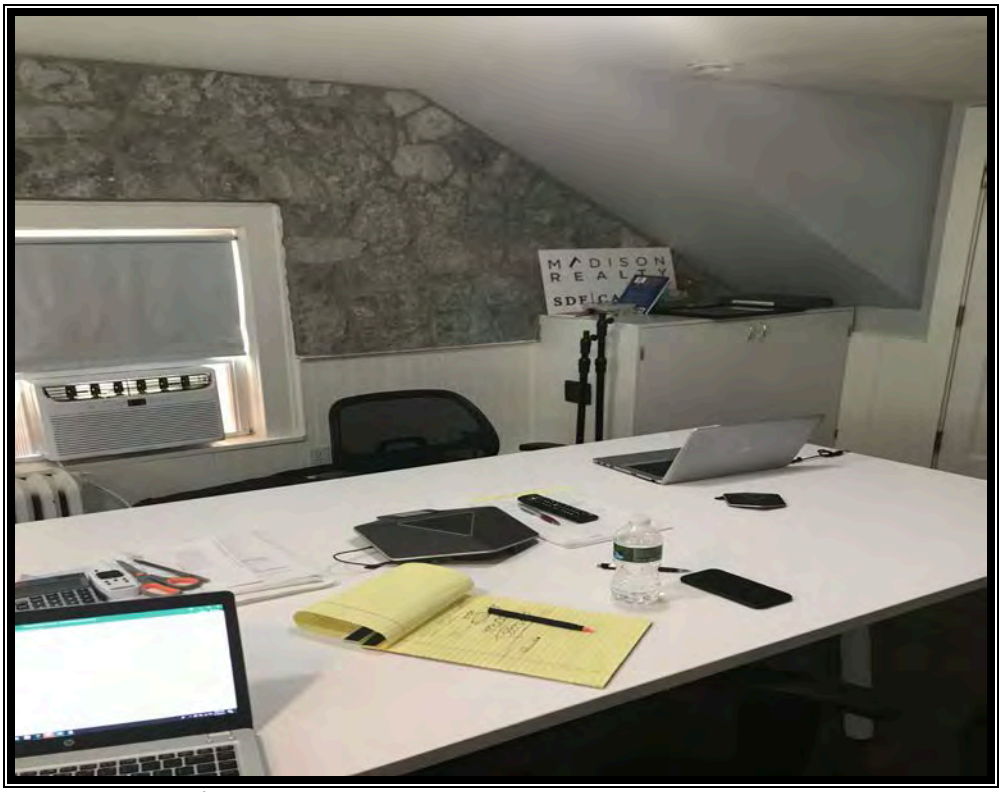
Photograph of overhead electric connection (across/over Waverly Avenue)

Photograph of storm drain located off the street, on Fenimore Road

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York



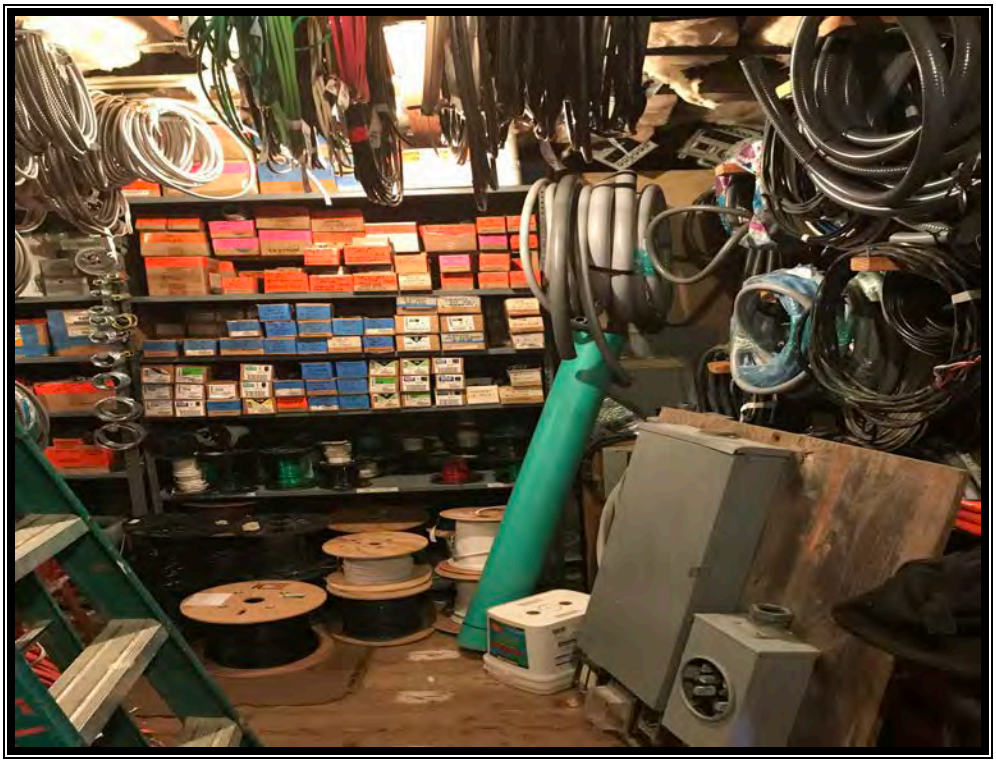
Photograph of 2nd floor of 560 Fenimore Road building, modern office furnishings

Photograph of 1st floor of 416 Waverly Avenue building

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York



Photograph of electrical storage on 1st floor of 522 Fenimore Road building

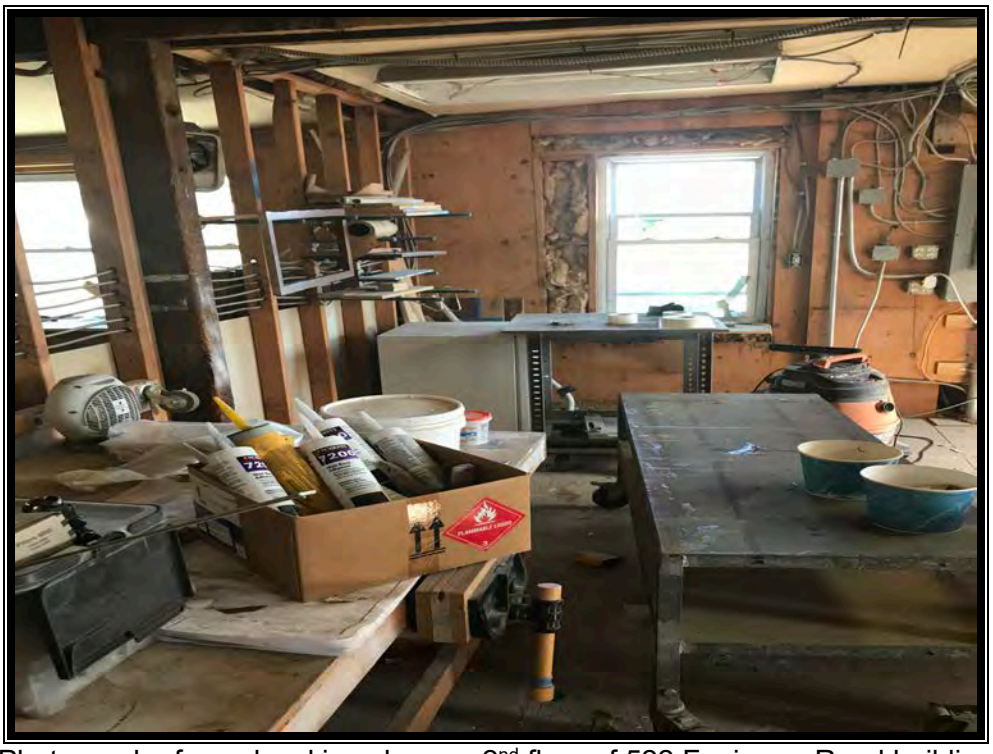
Photograph of freight electronic lift on 2nd floor of 522 Fenimore Road building

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York

Photograph of stored chemicals on 2nd floor of 522 Fenimore Road building

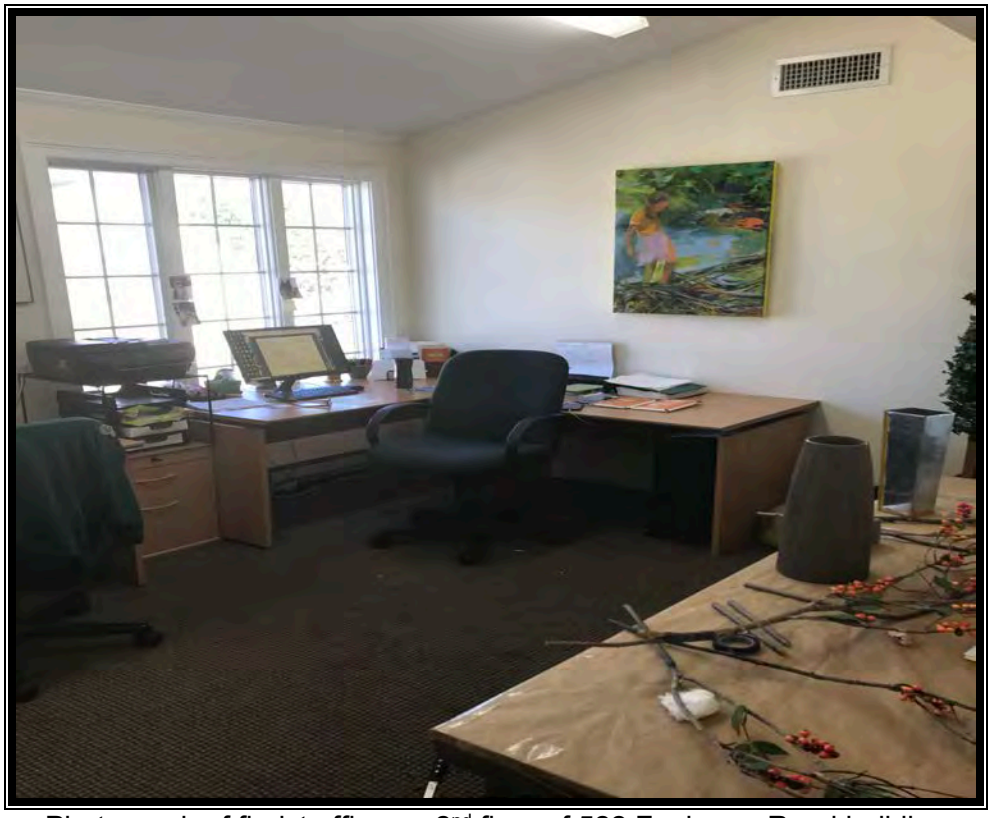


Photograph of woodworking shop on 2nd floor of 522 Fenimore Road building

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York



Photograph of florist office on 2nd floor of 522 Fenimore Road building

Photograph of 3rd floor of 560 Fenimore Road building used for storage

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York

Photograph of covered outdoor storage area at 408 Waverly Avenue building

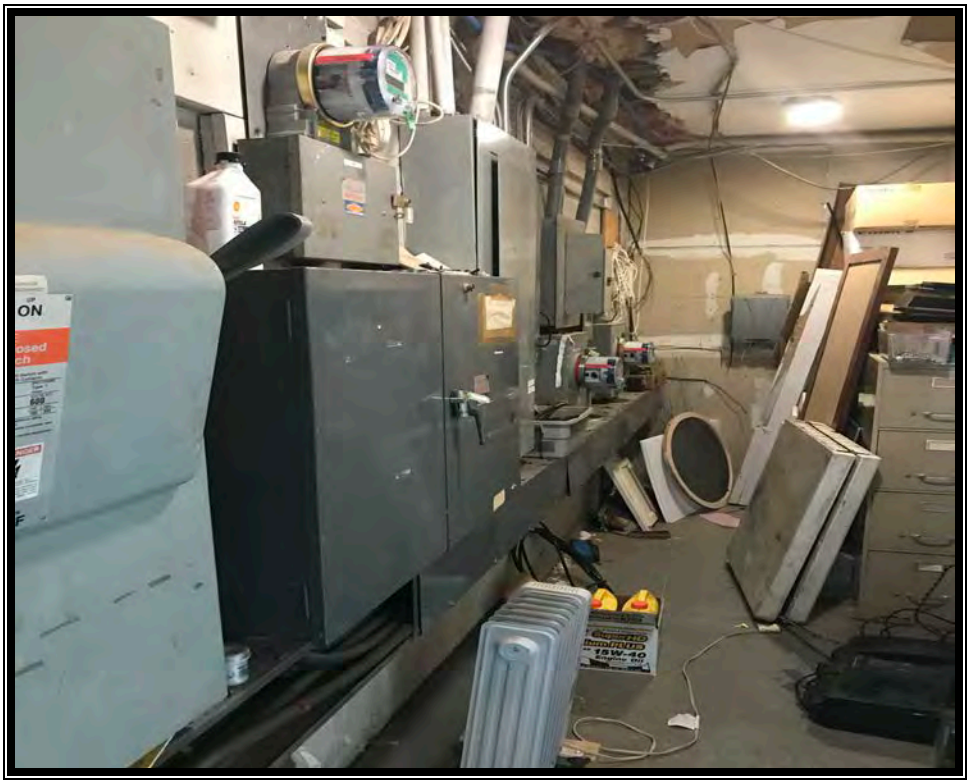
Photograph of storage outside of 408 Waverly Avenue building

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York

Photograph of 1st floor storage in the 416 Waverly Avenue building



Photograph of electrical boxes on the 1st floor of the 416 Waverly Avenue building

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York

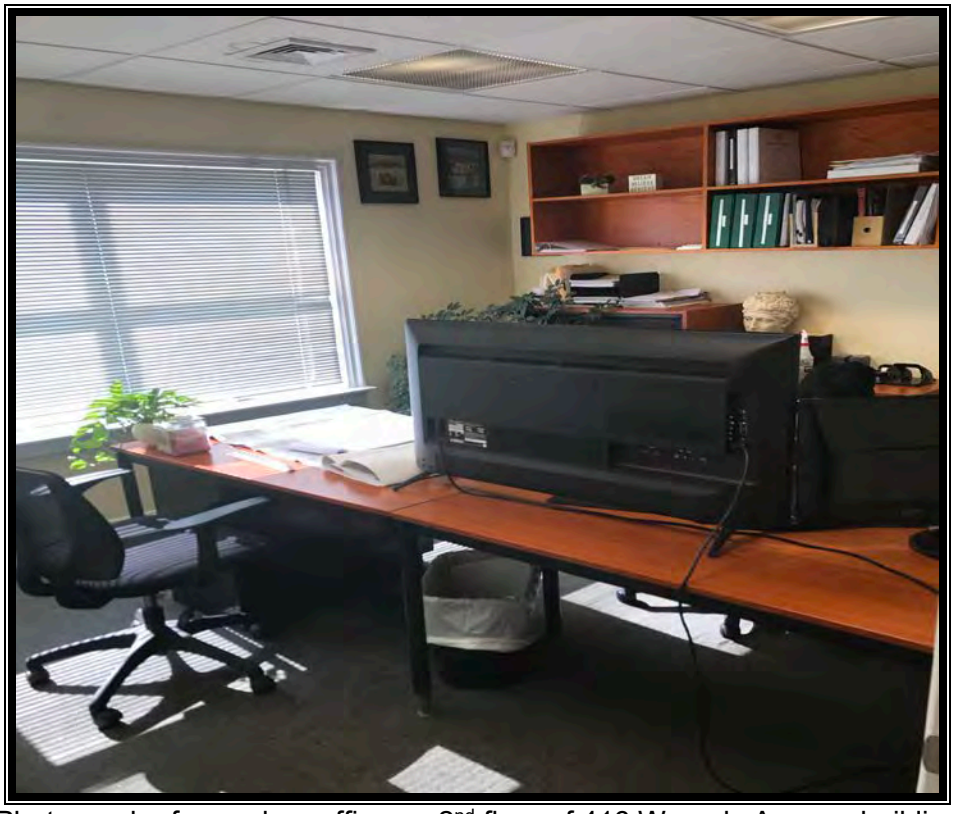
Photograph of milling workshop on the 1st floor of the 416 Waverly Avenue building

Photograph of chemicals (paint thinner, primer, etc.) stored in workshop area in the 416 Waverly Avenue building

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York



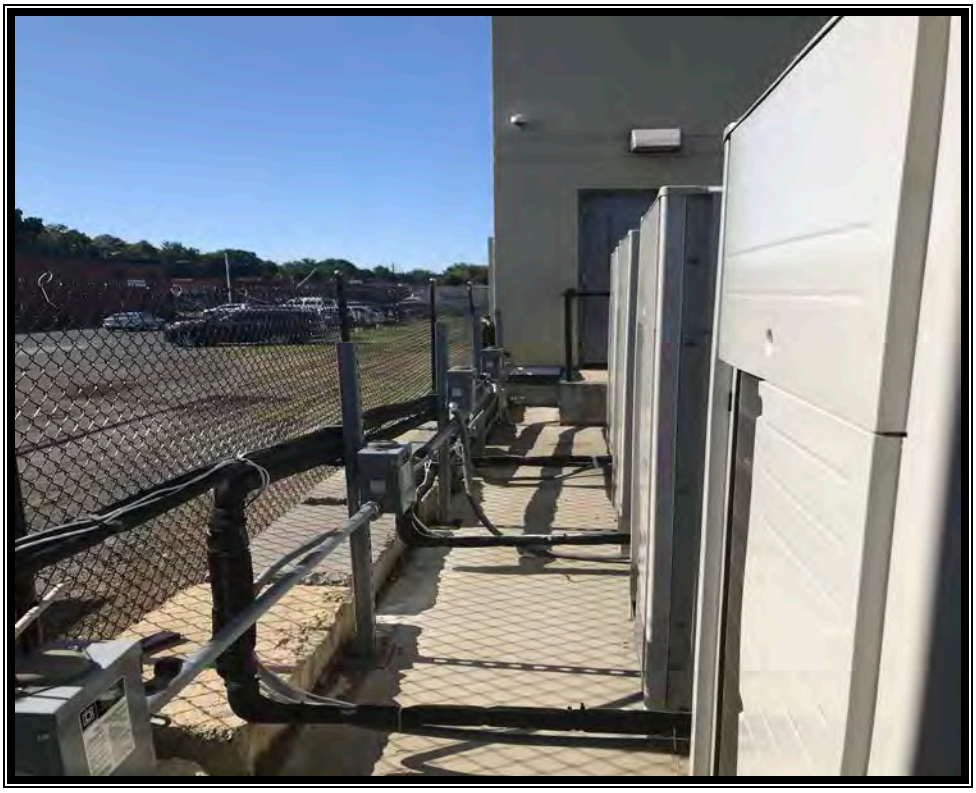
Photograph of a modern office on 2nd floor of 416 Waverly Avenue building

Photograph of additional office space on 2nd floor of 416 Waverly Avenue

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York



Photograph of outdoor air-conditioning units, 426 Waverly Avenue

Photograph of entrance to self-storage business on the 1st floor of 426 Waverly Avenue

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York

Photograph of 426 Waverly Avenue showing self-storage units

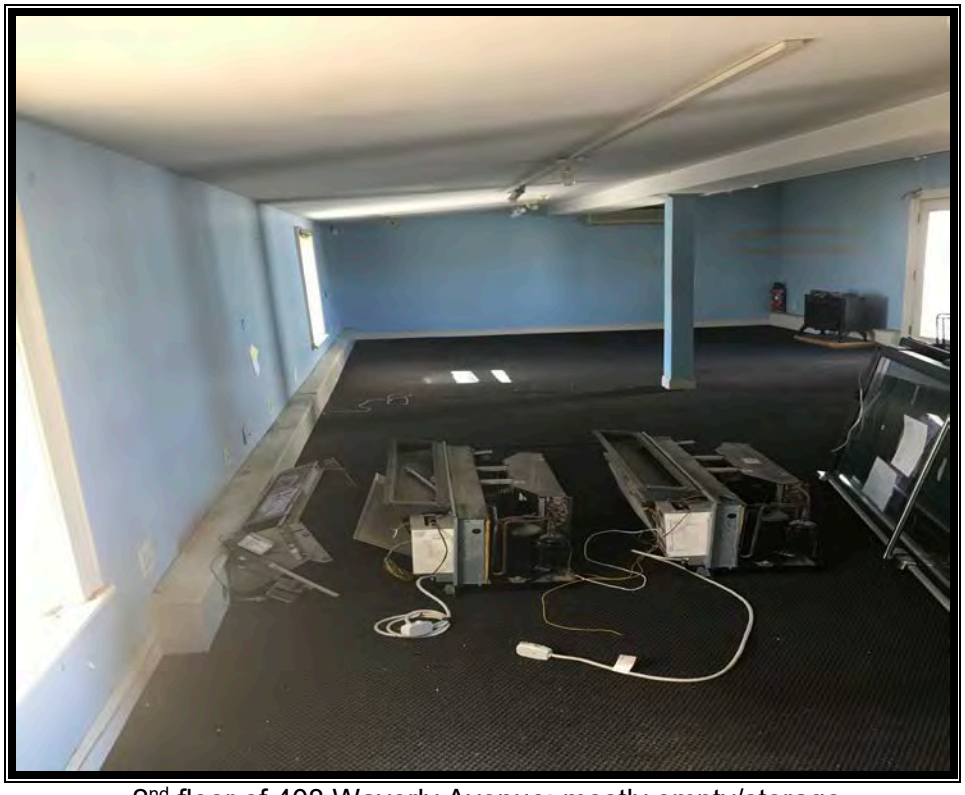
Photograph of elevator hydraulic unit in the 426 Waverly Avenue building

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 4 – PHOTO LOG

416 Waverly Avenue
Mamaroneck, New York

Photograph of 1st floor of 408 Waverly Avenue building glass-workshop



2nd floor of 408 Waverly Avenue; mostly empty/storage

Photographs taken during the Phase I ESA on September 19, 2019
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

APPENDIX 5

Pertinent Local Records

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 3
Spill Number: 0304697

Spill Date/Time

Spill Date: 08/02/2003 **Spill Time:** 03:30:00 PM
Call Received Date: 08/04/2003 **Call Received Time:** 09:16:00 AM

Location

Spill Name: MURPHY BROTHERS CONTRACTI
Address: 416 WAVERLY RD
City: MAMARONECK **County:** Westchester

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Material not identified	N/A	

Cause: Tank Test Failure
Source: Commercial/Industrial
Waterbody:

Record Close

Date Spill Closed: 03/29/2004

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 3
Spill Number: 0304698

Spill Date/Time

Spill Date: 08/01/2003 **Spill Time:** 04:30:00 PM
Call Received Date: 08/04/2003 **Call Received Time:** 09:24:00 AM

Location

Spill Name: MURPHY BROTHERS CONTRACTI
Address: 416 WAVERLY RD
City: MAMARONECK **County:** Westchester

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Material not identified	N/A	

Cause: Tank Test Failure
Source: Commercial/Industrial
Waterbody:

Record Close

Date Spill Closed: 03/29/2004

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

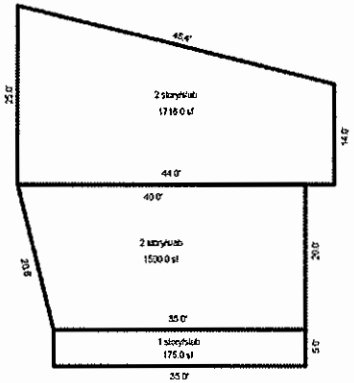
If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

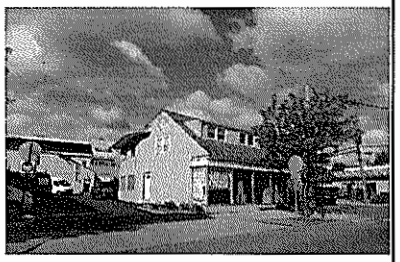
Refine This Search

Commercial Building Section

SWIS/SBL 553203 8-25-70 Site No. C 1 | MAP #

BUILDING & SECTION	1	1
NO. IDENTICAL BUILDINGS		1
BOECKH MODEL NO		0223
ACTUAL YEAR BUILT		1940
EFFECTIVE YEAR BUILT		1990
CONSTRUCTION QUALITY		2.0
USER ADJUSTMENT		0
CONDITION		3
BUILDING PERIMETER	338	
GROSS FLOOR AREA	3391	
NO. STORIES		2.0
STORY HEIGHT		9
WALL A PERCENT		100
WALL B PERCENT		0
WALL C PERCENT		0
AIR COND. PERCENT		0
SPRINKLER PERCENT		0
ALARM PERCENT		0
NO. ELEVATORS		0
BASEMENT TYPE		
BASEMENT PERIMITER	0	
BASEMENT SQ. FT.	0	
FUNCTIONAL OBS.		0
PHYSICAL DEP.		0





Improvement Section

Struc Code	MC	Dimension 1	Dimension 2	SQ Feet (Misc)	Quant.	Grade	Cond.	Actual Yr. Built	Effective Yr Built	PCT Good
CP8	3	0	0	2,600	1	D	2	1970	0	0.0
FC1	3	0	0	1,160	1	D	2	1970	0	0.0

Commercial Rentable Section

Used As	Square Feet	Unit	# Units	Total Rent	Type
E04	3391		0	0	1
F05	5500		0	0	1
F05	14061		0	0	1
F05	40436		0	0	1

Unit Codes

02 APTS
03 ROOMS
04 SEATS
05 BEDS
06 STALLS
07 LANES
08 COURTS
09 SLIPS
10 BAYS
11 GALLONS
12 PADS
13 RUNS
14 HOLES
15 PLOTS
16 BARRELS
17 ACRES

Apartment Section

Total	Used As	Rentable Sq. Ft.S q Ft	# Apartments	Total Rent	Type

	Square Feet	# Apartments	Total Rent	Type
Eff & 1Bed				
2 Bed				
3 Bed				

Type Codes

1=Actual
2=Economic
3= Actual & Economic

Improv. Codes	MEAS CODE	CONST. Grade	CONDITION
	1=Quantity 2=Dimensions 3=Square Feet 4=Dollars	A=Excellent B=Good C=Average D=Economy E=Minimum	1=Poor 2=Fair 3=Normal 4=Good 5=Excellent

I & E Summary Section

USER DATA CODE 1 = USE DATA 2 = DO NOT USE	
DOLLAR/PERCENT CODE 1 = PERCENT 2 = DOLLARS	
POTENTIAL GROSS INCOME	
VACANCY & CREDIT LOSS	
ADDITIONAL INCOME	
EFFECTIVE GROSS INCOME	
TOTAL EXPENSES	
NET OPERATING INCOME	

Additional Commercial Building		
BUILDING & SECTION	2	1
NO. IDENTICAL BUILDINGS	1	
BOECKH MODEL NO	0837	
ACTUAL YEAR BUILT	1940	
EFFECTIVE YEAR BUILT	1980	
CONSTRUCTION QUALITY	2.0	
USER ADJUSTMENT	0	
CONDITION	2	
BUILDING PERIMETER	220	
GROSS FLOOR AREA	5500	
NO. STORIES	3.0	
STORY HEIGHT	10	
WALL A PERCENT	100	
WALL B PERCENT	0	
WALL C PERCENT	0	
AIR COND. PERCENT	0	
SPRINKLER PERCENT	0	
ALARM PERCENT	0	
NO. ELEVATORS	0	
BASEMENT TYPE		
BASEMENT PERIMITER	0	
BASEMENT SQ. FT.	0	
FUNCTIONAL OBS.	0	
PHYSICAL DEP.	0	

Additional Commercial Building		
BUILDING & SECTION	4	1
NO. IDENTICAL BUILDINGS		1
BOECKH MODEL NO		0838
ACTUAL YEAR BUILT		2015
EFFECTIVE YEAR BUILT		0
CONSTRUCTION QUALITY		2.0
USER ADJUSTMENT		0
CONDITION		4
BUILDING PERIMETER	412	
GROSS FLOOR AREA	40436	
NO. STORIES		4.0
STORY HEIGHT		15
WALL A PERCENT		100
WALL B PERCENT		0
WALL C PERCENT		0
AIR COND. PERCENT		0
SPRINKLER PERCENT		0
ALARM PERCENT		0
NO. ELEVATORS		0
BASEMENT TYPE		
BASEMENT PERIMITER	0	
BASEMENT SQ. FT.	0	
FUNCTIONAL OBS.		0
PHYSICAL DEP.		0

Additional Commercial Building		
BUILDING & SECTION	3	1
NO. IDENTICAL BUILDINGS		1
BOECKH MODEL NO		0837
ACTUAL YEAR BUILT		1940
EFFECTIVE YEAR BUILT		1980
CONSTRUCTION QUALITY		2.0
USER ADJUSTMENT		0
CONDITION		2
BUILDING PERIMETER	896	
GROSS FLOOR AREA	14061	
NO. STORIES		2.0
STORY HEIGHT		12
WALL A PERCENT		100
WALL B PERCENT		0
WALL C PERCENT		0
AIR COND. PERCENT		0
SPRINKLER PERCENT		0
ALARM PERCENT		0
NO. ELEVATORS		0
BASEMENT TYPE		
BASEMENT PERIMITER	0	
BASEMENT SQ. FT.	0	
FUNCTIONAL OBS.		0
PHYSICAL DEP.		0

APPENDIX 6

Environmental Data Resources Report

Murphy Brothers Contracting
416 Waverly Avenue
Mamaroneck, NY 10543

Inquiry Number: 5794452.2s
September 18, 2019

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	597
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-12
Physical Setting Source Map Findings	A-14
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

416 WAVERLY AVENUE
MAMARONECK, NY 10543

COORDINATES

Latitude (North):	40.9498800 - 40° 56' 59.56''
Longitude (West):	73.7428950 - 73° 44' 34.42''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	605808.6
UTM Y (Meters):	4533742.5
Elevation:	25 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5940545 MAMARONECK, NY
Version Date:	2013
West Map:	5940557 MOUNT VERNON, NY
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150522, 20150624
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
416 WAVERLY AVENUE
MAMARONECK, NY 10543

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	MURPHY BROTHERS CONT	416 WAVERLY RD	NY LTANKS		TP
A2	SERVICE STN DLERS OF	421 WAVERLY AVE	EDR Hist Auto	Higher	46, 0.009, West
A3	WEAVERLY AV AND	FENIMORE ROAD	NY Spills	Higher	47, 0.009, WNW
A4	NATIONAL PHOTOCOLOR	428 WAVERLY AVE	NY Spills	Higher	71, 0.013, SW
A5	C & S AUTO REPAIR	427 WAVERLY AVE	NY Spills	Higher	71, 0.013, WSW
A6	STREET	436 WAVERLY AVE	NY Spills	Higher	118, 0.022, SW
B7	M. ARGUESO CO. INC.	441 WAVERLY AVE	NY LTANKS, NY Spills	Higher	147, 0.028, WSW
B8	M ARGUESO & CO INC	441 WAVERLY AVE	RCRA-SQG, NY MANIFEST	Higher	147, 0.028, WSW
B9	FORMER M. ARGUESO AN	441-442 WAVERLY AVEN	NY BROWNFIELDS	Higher	147, 0.028, WSW
B10	ARGUESO CO. INC	441 WOVERLY AVE	NY LTANKS	Higher	147, 0.028, WSW
B11	FORMER M. ARGUESO AN	442 WAVERLY AVENUE	NY UST	Higher	153, 0.029, SW
C12	J.A. JACKSON CORP.	430 CENTER AVENUE	NY UST	Higher	264, 0.050, WNW
D13	CON EDISON	WAVERLY AVE & FENIMO	NJ MANIFEST	Lower	296, 0.056, NE
D14	CON EDISON	WAVERLY AVE & FENIMO	RCRA NonGen / NLR	Lower	296, 0.056, NE
D15	CON EDISON MANHOLE:	FENIMORE RD & WAVERL	RCRA NonGen / NLR, NY MANIFEST	Lower	296, 0.056, NE
D16	CON EDISON - OTHER -	WAVERLY ST & FENIMOR	RCRA NonGen / NLR, NY MANIFEST	Lower	296, 0.056, NE
D17	CON EDISON MANHOLE 9	WAVERLY AVE & FENIMO	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	296, 0.056, NE
D18	CON EDISON	WAVERLY AVE & FENIMO	NY MANIFEST	Lower	296, 0.056, NE
D19	AT CORNER OF	WAVERLY AVE AND FENI	NY Spills	Lower	296, 0.056, NE
E20	BACKLOT OF BUILDING	610 FENIMORE AVE	NY Spills	Lower	297, 0.056, North
C21	EXOTIC CUSTOM COLLIS	417 CENTER AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	297, 0.056, NW
C22	VINCENT GARAGE INCOR	425 CENTER AVE	NY MANIFEST	Higher	299, 0.057, NW
C23	VINCENT AUTO BODY, I	425 CENTER AVENUE	NY UST	Higher	299, 0.057, NW
C24	VINCENT GARAGE INC	425 CENTER AVE	RCRA NonGen / NLR	Higher	299, 0.057, NW
D25	IN STREET	603 FENIMORE RD	NY Spills	Lower	313, 0.059, NNE
D26	CON EDISON - MANHOLE	605 FENIMORE RD	RCRA-LQG, FINDS, ECHO, NY MANIFEST	Lower	314, 0.059, NNE
E27	DELVITO	CENTRE	NY LTANKS	Higher	323, 0.061, North
F28	CAMOTONE INC	520 FENIMORE RD	RCRA NonGen / NLR, FINDS, ECHO	Higher	354, 0.067, ENE
E29	DISCOUNT AUTOMOTIVE	624 FENIMORE RD	RCRA NonGen / NLR	Higher	365, 0.069, NNW
E30	624 FENIMORE AVENUE	624 FENIMORE AVENUE	NY SHWS, NY Spills	Higher	365, 0.069, NNW
F31	FENIMORE RD AND	RAILROAD WAY	NY Spills	Higher	378, 0.072, ENE
G32	ENZO AUTO BODY INC	632 FENIMORE RD	RCRA-VSQG, FINDS, ECHO, NY MANIFEST	Higher	382, 0.072, NNW
E33	CENTRE AUTO REPAIR	621 FENIMORE RD	EDR Hist Auto	Higher	389, 0.074, North
F34	CON EDISON	545 FENIMORE ROAD	NY LTANKS, NY MANIFEST	Higher	390, 0.074, ENE
F35	CON EDISON	545 FENIMORE RD	NY MANIFEST	Higher	390, 0.074, ENE
F36	FIRST PACIFIC REALTY	545 FENIMORE ROAD	NY UST	Higher	390, 0.074, ENE
F37	CON EDISON	545 FENIMORE RD	RCRA NonGen / NLR	Higher	390, 0.074, ENE
F38	CON EDISON	545 FENIMORE RD	NJ MANIFEST	Higher	390, 0.074, ENE
G39	VINCENT SERVICE STAT	636 FENIMORE ROAD	NY UST, NY AST	Higher	391, 0.074, NNW

MAPPED SITES SUMMARY

Target Property Address:
416 WAVERLY AVENUE
MAMARONECK, NY 10543

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	C & S SERVICE STATIO	636 FENIMORE RD	EDR Hist Auto	Higher	391, 0.074, NNW
G41	VINCENT GARAGE INC	636 FENIMORE RD	RCRA NonGen / NLR, US AIRS	Higher	391, 0.074, NNW
G42	GAS STATION	636 FENIMORE ROAD	NY Spills	Higher	391, 0.074, NNW
G43	CENTRE AUTO COLLISIO	625 FENNIMORE ROAD	NJ MANIFEST	Higher	397, 0.075, North
G44	CENTRE AUTO COLLISIO	625 FENIMORE RD	RCRA-VSQG, US AIRS, NY AIRS, NY MANIFEST	Higher	397, 0.075, North
F45	CON EDISON	525 FENIMORE RD FRON	NY Spills, NY MANIFEST	Higher	452, 0.086, ENE
F46	CON EDISON	525 FENIMORE RD FRON	NJ MANIFEST	Higher	452, 0.086, ENE
F47	FENIMORE REALTY	525 FENIMORE ROAD	NY LTANKS	Higher	452, 0.086, ENE
F48	CON EDISON	525 FENIMORE ROAD	RCRA NonGen / NLR	Higher	452, 0.086, ENE
G49	POLE #W1	FAYETTE AVE/FENIMORE	NY Spills	Higher	461, 0.087, NNW
H50	STORM SEWER	500 FENIMORE RD	NY Spills	Higher	506, 0.096, East
H51	ARCTIC GLACIER FACIL	500 FENEMORE RD	NY Spills	Higher	506, 0.096, East
H52	SAXSONY ICE	500 FENIMORE RD	NY Spills	Higher	506, 0.096, East
H53	CON EDISON	HOYT AVE & FENIMORE	NJ MANIFEST	Higher	527, 0.100, East
H54	CON EDISON	HOYT AVE & FENIMORE	NY MANIFEST	Higher	527, 0.100, East
H55	POLE 1A CON ED	HOYT AVE AND FENIMOR	NY Spills	Higher	527, 0.100, East
H56	CON EDISON	HOYT AVE & FENIMORE	RCRA NonGen / NLR, FINDS, ECHO	Higher	527, 0.100, East
I57	MAJESTIC KITCHENS	700 FENIMORE RD	NY Spills	Higher	558, 0.106, NNW
I58	MAJESTIC KITCHENS, I	700 FENIMORE ROAD	NY UST	Higher	558, 0.106, NNW
59	SEMICONDUCTOR PACKAG	431 FAYETTE AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	588, 0.111, WNW
J60	POLE 19 INFRONT OF	325 WAVERLY ROAD	NY Spills	Lower	601, 0.114, NE
J61	CON EDISON MANHOLE:	325 WAIVERLY AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	601, 0.114, NE
K62	ENZO AUTO BODY	519 WAVERLY ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	603, 0.114, SW
K63	CAS CAR IMPORTS LTD	519 WAVERLY AVENUE	NY AST	Higher	603, 0.114, SW
L64	DIBICCARI RESIDENCE	509 CENTER AVE	NY LTANKS	Higher	607, 0.115, WSW
K65	BON TON FOODS, INC	521 WAVERLY AVE	NY UST	Higher	615, 0.116, SW
K66	SUBURBAN CARTING COR	524 WAVERLY AVENUE	NY UST	Higher	637, 0.121, SW
K67	MAMARONECK TRUCK RPR	524 WAVERLY AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	637, 0.121, SW
K68	NEW ROCHELLE TRAN ST	524 WAVERLY AVENUE	NY SWF/LF, NY LTANKS, NY Spills	Higher	637, 0.121, SW
K69	MAMARONECK TRUCK REP	524 WAVERLY AVE	RCRA NonGen / NLR	Higher	637, 0.121, SW
J70	CON EDISON	321 WAVERLEY AVE	NY MANIFEST	Lower	646, 0.122, NE
J71	CON EDISON	321 WAVERLEY AVE	RCRA NonGen / NLR	Lower	646, 0.122, NE
J72	CON EDISON	321 WAVERLEY AVE	NJ MANIFEST	Lower	646, 0.122, NE
L73	CYCLOPS IRON WORKS	517 CENTER AVE	NY MANIFEST	Higher	649, 0.123, WSW
L74	CYCLOPS IRON WORKS	517 CENTER AVE	RCRA NonGen / NLR	Higher	649, 0.123, WSW
L75	SHORTY AUTO BODY	519 CENTER AVE	NY LTANKS, RCRA NonGen / NLR, NY MANIFEST	Higher	660, 0.125, WSW
L76	J.A. JACKSON CORP.	519 CENTER AVENUE	NY UST	Higher	660, 0.125, WSW
77	SPATZ INDUSTRIES	420 RAILROAD WAY	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	675, 0.128, SSW
M78	M & F PROPERTIES, LL	335 CENTER AVENUE	NY UST	Lower	708, 0.134, NNE

MAPPED SITES SUMMARY

Target Property Address:
416 WAVERLY AVENUE
MAMARONECK, NY 10543

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
M79	TERMINAL	335 CENTER AVE	NY LTANKS	Lower	708, 0.134, NNE
N80	ISLAND TRANSPORTATIO	711 FENIMORE ROAD	NY LTANKS, NY Spills, NY MANIFEST	Lower	709, 0.134, NW
N81	LEBRINI'S SERVICE ST	711 FENIMORE ROAD	NY UST, NY AST	Lower	709, 0.134, NW
N82	UNDERGROUND TANK #6	711 FENIMORE RD	NY LTANKS	Lower	709, 0.134, NW
N83	MYSTIC TRANSPORTATIO	711 FENNIMORE RD	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	709, 0.134, NW
O84	IMPRETECH	480 OGDEN AV	NY LTANKS	Higher	731, 0.138, SW
O85	OGDEN INN (SYSTEM IN	480-500 OGDEN AVENUE	NY UST, NY AST	Higher	731, 0.138, SW
O86	CON EDISON	OGDEN AVE & WAVERLY	NJ MANIFEST	Higher	752, 0.142, SW
O87	CON EDISON	OGDEN AVE & WAVERLY	NY MANIFEST	Higher	752, 0.142, SW
O88	CON EDISON	OGDEN AVE & WAVERLY	RCRA NonGen / NLR	Higher	752, 0.142, SW
M89	SAL & VITOS AUTO BOD	322 CENTRE AVE	RCRA NonGen / NLR, US AIRS, FINDS, ECHO, NY...	Lower	761, 0.144, NNE
P90	MADDEN HOME	510 FAYETTE AVE	NY LTANKS	Higher	780, 0.148, West
Q91	CYTOPATH BIOPSY LABO	300 WAVERLY AVE	RCRA-LQG, NY Spills, FINDS, ECHO, NY MANIFEST	Lower	783, 0.148, NE
Q92	WAVERLY REALTY	300 WAVERLY AVENUE	NY UST	Lower	783, 0.148, NE
Q93	CON EDISON	300 WAVERLY AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	783, 0.148, NE
Q94	CON EDISON	300 WAVERLY AVE	NJ MANIFEST	Lower	783, 0.148, NE
P95	ANGELO & JOEY AUTO B	514 FAYETTE AVE	RCRA-VSQG, FINDS, ECHO, NY MANIFEST, NJ MANIFEST	Higher	794, 0.150, West
R96	VILLAGE MAMARONECK	NORTHRUP AVE	NY LTANKS	Lower	809, 0.153, NNW
O97	SPILL NUMBER 0103565	604 WAVERLY AVE	NY LTANKS, NY Spills	Higher	810, 0.153, SW
O98	J & N LEASING & BUIL	604 WAVERLY AVENUE	NY UST, NY AST	Higher	810, 0.153, SW
S99	VILLAGE OF MAMARONEC	313 FAYETTE AVENUE	NY SWF/LF, NY LTANKS, NY Spills	Lower	820, 0.155, North
S100	VILLAGE OF MAMARONEC	313 FAYETTE AVE	RCRA NonGen / NLR	Lower	820, 0.155, North
S101	VILLAGE OF MAMARONEC	313 FAYETTE AVENUE	NY AST	Lower	820, 0.155, North
S102	VILLAGE OF MAMARONEC	313 FAYETTE AVENUE	NY UST	Lower	820, 0.155, North
T103	CON EDISON	333 HOYT AVE	NY MANIFEST	Lower	822, 0.156, ENE
T104	CON EDISON	333 HOYT AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	822, 0.156, ENE
Q105	CON EDISON	WAVERLEY AVE & PLAZA	NJ MANIFEST	Lower	827, 0.157, NE
Q106	CON EDISON	WAVERLEY AVE & PLAZA	NY MANIFEST	Lower	827, 0.157, NE
Q107	CON EDISON	WAVERLEY AVE & PLAZA	RCRA NonGen / NLR	Lower	827, 0.157, NE
U108	SPILL NUMBER 0211344	310 CENTER AVE	NY LTANKS	Lower	831, 0.157, NNE
109	SEREWICZ - TTF	316 HEATHCOTE AVE	NY LTANKS	Higher	851, 0.161, SE
110	L & H STEEL DRUMS	327 NORTHRUP AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	859, 0.163, NNW
S111	RECYCLING INDUSTRIES	306 FAYETTE AVE	NY SWF/LF, NY LTANKS, NY Spills, NY Financial...	Lower	862, 0.163, North
S112	RECYCLING INDUSTRIES	306 FAYETTE AVE	NY UST	Lower	862, 0.163, North
113	FAIRWAY AUTO BODY WO	725 FENIMORE RD	RCRA-VSQG, US AIRS, FINDS, ECHO, NY MANIFEST	Lower	864, 0.164, NW
Q114	BLOOD BROTHERS AUTO	270 WAVERLY AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	868, 0.164, NE
Q115	BLOOD BROTHERS AUTO	270 WAVERLY AVENUE	NY SHWS, NY SWF/LF, NY Spills, NY SPDES	Lower	868, 0.164, NE
P116	SPILL NUMBER 9704854	531 FAYETTE AVE	NY LTANKS, NY Spills	Lower	870, 0.165, West
P117	SAV A TREE	531 FAYETTE AVENUE	NY UST	Lower	870, 0.165, West

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
V118	ELECTRO MATERIAL COR	605 CENTER AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	873, 0.165, WSW
V119	FORMER EMCA SITE	605 CENTER AVENUE AN	NY SHWS, NY INST CONTROL, NY VAPOR REOPENED	Higher	873, 0.165, WSW
U120	SPRINGDALE ICE CO IN	302 CENTER AVENUE	NY UST	Lower	876, 0.166, NNE
W121	CON EDISON MANHOLE:	FENNIMORE RD & STANL	RCRA NonGen / NLR, FINDS, ECHO	Higher	894, 0.169, East
W122	CON EDISON	311 FENNIMORE RD &AM	NY MANIFEST	Higher	894, 0.169, East
W123	CON EDISON - MANHOLE	FENNIMORE RD & STANL	NJ MANIFEST	Higher	894, 0.169, East
W124	CON EDISON	STANLEY AVE & FENIMO	NY MANIFEST	Higher	894, 0.169, East
W125	CON EDISON - MANHOLE	311 FENNIMORE RD &AM	RCRA-LQG	Higher	894, 0.169, East
T126	MARVAL INDUSTRIES IN	315 HOYT AVE	NY UST	Lower	901, 0.171, ENE
T127	MARVAL INDUSTRIES IN	315 HOYT AVE	RCRA NonGen / NLR, ICIS, FINDS, ECHO, NY MANIFEST,...	Lower	901, 0.171, ENE
R128	STAROPOLI BROTHERS I	313 NORTHRUP AVENUE	NY AST	Lower	902, 0.171, NNW
X129	PRIVATE DWELLING	411 DELANCEY AVE	NY LTANKS	Higher	907, 0.172, South
Y130	CON EDISON GAS DRIP	263 WAVERLY AVE GAS	RCRA NonGen / NLR	Lower	908, 0.172, NE
X131	RESI: MARKANTONIS	410 DELANCEY AVE	NY LTANKS	Higher	931, 0.176, South
X132	SPILL NUMBER 0009977	410 DELANCY AVE	NY LTANKS	Higher	931, 0.176, South
Y133	SPILL NUMBER 9801539	261 WAVERLY AVE	NY LTANKS	Lower	939, 0.178, NE
Y134	CON EDISON MANHOLE:	266 WAIVERLY AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	949, 0.180, NE
Z135	613 WAVERLY AVENUE L	613 WAVERLY AVENUE	NY UST, NY AST	Higher	958, 0.181, SW
Z136	HAPPINESS LAUNDRY	613 WAVERLY AVENUE	NY SHWS, NY DRYCLEANERS	Higher	958, 0.181, SW
Z137	HAPPINESS LAUNDERERS	613 WAVERLY AVE	NY LTANKS, NY Spills	Higher	958, 0.181, SW
Z138	HAPPINESS LAUNDRY &	613 WAVERLY AVE	RCRA-SQG, ICIS, US AIRS, FINDS, ECHO, NY MANIFEST	Higher	958, 0.181, SW
139	CONTAINER TESTING LA	607 FAYETTE AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	988, 0.187, WSW
AA140	LEWIN RESIDENCE	311 FENIMORE RD	NY LTANKS	Higher	1023, 0.194, ESE
AA141	VILLAGE GARDEN APTS	304 FENIMORE RD	NY LTANKS, NY Spills	Higher	1068, 0.202, ESE
AA142	VILLAGE GARDENS	304 FENIMORE ROAD	NY UST	Higher	1068, 0.202, ESE
AB143	CON EDISON	286 MADISON AVE	RCRA NonGen / NLR	Lower	1083, 0.205, NNE
AC144	CON EDISON	851 FENIMORE RD & WI	RCRA NonGen / NLR, NY MANIFEST	Higher	1086, 0.206, NW
145	RESIDENCE	755 PLAZA AVE	NY LTANKS	Lower	1090, 0.206, North
AD146	AMERCHOL CORPORATION	628 WAVERLY AVENUE	NY LTANKS, NY CBS, NY Spills	Higher	1096, 0.208, SW
AD147	AMERCHOL CORPORATION	628 WAVERLY AVENUE	NY AST, NY CBS AST	Higher	1096, 0.208, SW
AD148	AMERCHOL MFG INC	628 WAVERLY AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	1096, 0.208, SW
AD149	CON EDISON	628 WAVERLY AV	NY MANIFEST	Higher	1096, 0.208, SW
AD150	AMERCHOL CORPORATION	628 WAVERLY AVENUE	NY UST	Higher	1096, 0.208, SW
151	ROBINSON HOME	453 PALMER AVE	NY LTANKS, NY Spills	Higher	1118, 0.212, ESE
AC152	RESIDENCE	810 FENIMORE RD	NY LTANKS, NY Spills	Lower	1122, 0.213, NW
AB153	CON EDISON GAS DRIP	281 MADISON ST GAS D	RCRA NonGen / NLR	Lower	1123, 0.213, NNE
AE154	JJH PARTNERS	550 PALMER AVENUE	NY AST	Higher	1125, 0.213, SSE
AE155	550 PALMER AVENUE MA	550 PALMER AVE	NY UST	Higher	1125, 0.213, SSE
AE156	APARTMENT BLDG	550 PALMER AVE	NY LTANKS	Higher	1125, 0.213, SSE

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AD157	METAGLO INC	WAVERLY AVE	RCRA-VSQG, ICIS, US AIRS, FINDS, ECHO, NJ MANIFEST	Higher	1135, 0.215, SW
AC158	WINGED FOOT GOLF CLU	851 FENIMORE ROAD	NY UST, NY AST	Lower	1145, 0.217, NW
AF159	DESANTIS DESIGN	616 FAYETTE AVE	NY LTANKS	Higher	1147, 0.217, WSW
AC160	SCHEUER RESIDENCE	875 FENIMORE RD	NY LTANKS	Lower	1152, 0.218, NW
AG161	STAR AUTO COLLISION	631 CENTER AVE	RCRA-VSQG, NY MANIFEST	Higher	1203, 0.228, SW
AF162	DICKENS OF LONDON, L	620 FAYETTE AVE	NY UST	Higher	1205, 0.228, WSW
AF163	I-800-NYBULBS	620 FAYETTE AVE	RCRA-SQG, NY MANIFEST	Higher	1205, 0.228, WSW
AG164	CULIN COLLELLA	632 CENTER AVE	RCRA-VSQG, RI MANIFEST, NY MANIFEST	Higher	1220, 0.231, SW
AH165	MARINO RESIDENCE	315 STANLEY AVE	NY LTANKS	Higher	1224, 0.232, ENE
166	CARDUCCI EXCAVATING	505 CONCORD AVENUE	NY MANIFEST	Higher	1229, 0.233, SSW
167	475 BALDWIN PLACE	475 BALDWIN PLACE	NY LTANKS	Higher	1231, 0.233, WNW
AH168	PAGANO - TTF	313 STANLEY AVE	NY LTANKS	Higher	1244, 0.236, ENE
AI169	CON EDISON	205 WAVERLY ST	RCRA NonGen / NLR	Lower	1250, 0.237, NE
AI170	CON EDISON	205 WAVERLY ST	NJ MANIFEST	Lower	1250, 0.237, NE
AI171	CON EDISON	205 WAVERLY ST	NY MANIFEST	Lower	1250, 0.237, NE
AF172	UNKNOWN BUSINESS	645 FAYETTE AVE	NY LTANKS	Higher	1254, 0.237, WSW
AI173	CONSOLIDATED EDISON	203 WAVERLY AVE	NY MANIFEST	Lower	1261, 0.239, NE
AJ174	DCH TOYOTA CITY SERV	700 WAVERLY AVENUE	NY AST	Higher	1274, 0.241, SW
AJ175	DCH TOYOTA CITY FORM	700 WAVERLY AVE	NY Spills, RCRA NonGen / NLR, NY MANIFEST	Higher	1274, 0.241, SW
176	PRENTY HOME	327 PALMER AVE	NY LTANKS	Higher	1305, 0.247, East
177	N P I	225 HOYT AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	1306, 0.247, NE
178	HOME	250 GRAND ST	NY LTANKS	Higher	1351, 0.256, North
AK179	SPILL NUMBER 0002195	315 PALMER TERRACE	NY LTANKS, NY Spills	Higher	1423, 0.270, South
AK180	CO-OP PBS - RETEST T	320 PALMER TERRACE	NY LTANKS	Higher	1429, 0.271, South
AK181	PALMER TERRACE CO OP	320 PALMER TERRACE	NY LTANKS	Higher	1429, 0.271, South
182	RESIDENCE	173 CENTER STREET	NY LTANKS	Lower	1431, 0.271, NNE
AL183	REAL ESTATE - TTF	615 BALDWIN PLACE	NY LTANKS	Higher	1437, 0.272, West
AL184	SOLOMON - TTF	617 BALDWIN PLACE	NY LTANKS	Higher	1442, 0.273, West
AL185	COLANGELLA RESIDENCE	621 BALDWIN PL	NY LTANKS	Higher	1452, 0.275, West
186	RESIDENCE	334 PROSPECT AVE	NY LTANKS	Higher	1545, 0.293, ESE
187	QUADRINI HOME	173 MADISON STREET	NY LTANKS, NY Spills	Higher	1547, 0.293, NNE
AM188	ERCOLE RESIDENCE - T	645 BALDWIN PLACE	NY LTANKS	Higher	1564, 0.296, WSW
AM189	AMMONIA	670 BALDWIN PL	NY LTANKS, NY Spills	Higher	1574, 0.298, WSW
190	QUADRINI - TTF	180 WASHINGTON ST	NY LTANKS	Higher	1616, 0.306, NNE
AN191	HERSHBERG	3 COUNTRY LN	NY LTANKS	Higher	1639, 0.310, NW
AN192	RESIDENCE	6 COUNTRY LANE	NY LTANKS	Higher	1678, 0.318, NW
AO193	PERGOLA RESIDENCE	186 GRAND ST	NY LTANKS	Higher	1697, 0.321, North
AP194	ITT SEALECTRO	139 HOYTE STREET	NY LTANKS	Lower	1701, 0.322, NE
AP195	SEALECTRO CORP	139 HOYT AVE	RCRA-VSQG, NY SHWS, NY CBS, NY Spills, FINDS,...	Lower	1701, 0.322, NE

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196	FOLEY HOME	722 PROSPECT AVE	NY LTANKS	Higher	1704, 0.323, SSE
197	APT COMPLEX	412 MUNRO AVE	NY LTANKS	Higher	1705, 0.323, SE
198	SPILL NUMBER 9911175	46 HEATHCOTE RD	NY LTANKS	Higher	1723, 0.326, SE
199	FORMER GAS STATION	215 PALMER AVE.	NY LTANKS	Higher	1752, 0.332, East
200	RESIDENTS	324 MOUNT PLEASANT A	NY LTANKS	Higher	1776, 0.336, ENE
AO201	ARCESE - TTF	173 GRAND STREET	NY LTANKS	Higher	1798, 0.341, North
202	BP STATION / RAD OIL	540 MAMARONECK AVE	NY LTANKS, NY Spills	Lower	1833, 0.347, NE
203	VARAMO RESIDENCE	614-616 MAMARANACK A	NY LTANKS	Lower	1841, 0.349, NE
AQ204	REICH DWELLING	209 PROSPECT AVE	NY LTANKS	Higher	1922, 0.364, East
AQ205	REAL ESTATE - TTF	209 PROSPECT ST	NY LTANKS	Higher	1922, 0.364, East
206	SPILL NUMBER 9908042	805 ROCKLAND AVE	NY LTANKS	Higher	1949, 0.369, WSW
207	COMMERCIAL PROPERTY	434 MAMARONECK AVE	NY LTANKS	Higher	1950, 0.369, ENE
208	SPILL NUMBER 9910492	123-129 HALSTEAD AVE	NY LTANKS	Higher	1992, 0.377, ENE
209	PRIVATE /STORE	632 MAMARONECK AVE	NY LTANKS	Lower	1999, 0.379, NNE
210	VILLAGE GARDENS	FENIMORE ROAD	NY LTANKS	Higher	2024, 0.383, SE
AR211	RESIDENCE	723 OLD WHITE PLAINS	NY LTANKS, NY Spills	Lower	2032, 0.385, NNE
212	RESIDENCE	572 VAN RANST PLACE	NY LTANKS	Lower	2042, 0.387, NE
213	WELL #12 & WELL #5	808 PALMER AVE	NY LTANKS, NY Spills	Higher	2069, 0.392, SSW
214	SHELDRAKE RIVER	169 MOUNT PLEASANT	NY LTANKS, NY Spills	Higher	2073, 0.393, ESE
AR215	RESIDENCE	741 OLD WHITE PLAINS	NY LTANKS	Lower	2108, 0.399, NNE
AS216	TOWNHOUSES	101-147 FENIMORE ROA	NY LTANKS	Higher	2144, 0.406, SE
AS217	SPILL NUMBER 9814970	101-47 FENIMORE	NY LTANKS	Higher	2144, 0.406, SE
AT218	JEWISH HOME & HOSP	845 PALMER AVE	NY LTANKS	Higher	2220, 0.420, SSW
AT219	SIR NEWMAN NURING HO	845 PALNER AVE	NY LTANKS	Higher	2220, 0.420, SSW
220	COMMERCIAL	131 SHELDRAKE AVE	NY LTANKS	Lower	2248, 0.426, NE
221	JOSELSON - TTF	5 LEATHERSTOCKING LA	NY LTANKS	Higher	2302, 0.436, NNW
222	BOULARD - TTF	9 LEATHERSTOCKING LA	NY LTANKS	Higher	2311, 0.438, NNW
AU223	PVT DWELLING	42 MOHEGAN RD	NY LTANKS	Higher	2328, 0.441, WNW
224	APT BLDG	64 GRAND ST	NY LTANKS, NY Spills	Lower	2341, 0.443, NNE
AV225	RUELLEN RES.	6 STAUD COURT	NY LTANKS	Higher	2341, 0.443, ENE
AV226	VERDICK RESIDENCE	6 STAUB CT	NY LTANKS	Higher	2341, 0.443, ENE
AU227	HEALY HOME	43 MOHEGAN ROAD	NY LTANKS	Higher	2357, 0.446, WNW
228	PIRNICK RESIDENCE	818 WOODBINE AVE	NY LTANKS, NY Spills	Higher	2359, 0.447, South
229	SADFI REALTY	516 WEST BOSTON POST	NY LTANKS	Lower	2373, 0.449, SE
230	PIZZIMENTI HOME	815 CARPENTER PLACE	NY LTANKS	Higher	2426, 0.459, South
231	HARBOR ISLAND SERVIC	260 WEST BOSTON POST	NY LTANKS	Lower	2452, 0.464, SE
AW232	GREENBAUM HOME	14 LEATHERSTOCKING L	NY LTANKS	Higher	2491, 0.472, NNW
AW233	DIPACE RESIDENCE	16 LEATHERSTOCKING L	NY LTANKS	Higher	2492, 0.472, NNW
234	MAMARONECK PLAYHOUSE	243 MAMARONECK AVE	NY LTANKS, NY Spills	Higher	2498, 0.473, East

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235	MEADOW PUBLICATIONS	126 LIBRARY LANE	NY LTANKS, RCRA NonGen / NLR, FINDS, ECHO, NY...	Higher	2499, 0.473, East
236	DIP-IN EXXON	712 MAMARONECK AVE	NY LTANKS	Lower	2507, 0.475, NNE
237	THE ANIMAL HOSPITAL	649 WEST BOSTON POST	NY LTANKS	Lower	2514, 0.476, SSE
238	DELVITO RESIDENCE	791 OLD WHITEPLAINS	NY LTANKS	Higher	2545, 0.482, NNE
AX239	ABINGTON SQUARE APTS	905-909 PALMER AVE	NY LTANKS	Higher	2561, 0.485, SSW
AX240	MAMARONECK HIGH SCHO	PALMER AVE BLDG	RCRA-VSQG, NY LTANKS, NJ MANIFEST, NY MANIFEST	Higher	2562, 0.485, SSW
AY241	MAMARONECK WASTE WAT	199 WEST BOSTON POST	NY LTANKS	Lower	2594, 0.491, ESE
AY242	MAMARONECK WWTP	199 W BOSTON POST RD	NY LTANKS	Lower	2594, 0.491, ESE
243	SPILL NUMBER 9912650	194 HICKORY GROVE DR	NY LTANKS	Higher	2594, 0.491, SW
244	UNDERGROUND	168 WEST BOSTON POST	NY LTANKS	Lower	2594, 0.491, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
MURPHY BROTHERS CONT 416 WAVERLY RD MAMARONECK, NY	NY LTANKS Spill Number/Closed Date: 0304697 / 2004-03-29 Spill Number/Closed Date: 0304698 / 2004-03-29 Site ID: 65181 Site ID: 65182 Spill Date: 2003-08-02 Spill Date: 2003-08-01	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System
US ENG CONTROLS ---- Engineering Controls Sites List
US INST CONTROL ---- Sites with Institutional Controls

Federal ERNS list

ERNS ---- Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS ---- Listing of Leaking Storage Tanks

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
NY CBS UST ---- Chemical Bulk Storage Database
NY MOSF UST ---- Major Oil Storage Facilities Database
NY MOSF ---- Major Oil Storage Facility Site Listing
NY MOSF AST ---- Major Oil Storage Facilities Database
INDIAN UST ---- Underground Storage Tanks on Indian Land
NY TANKS ---- Storage Tank Faciliy Listing

State and tribal institutional control / engineering control registries

NY RES DECL ---- Restrictive Declarations Listing
NY ENG CONTROLS ---- Registry of Engineering Controls

State and tribal voluntary cleanup sites

NY VCP ---- Voluntary Cleanup Agreements
INDIAN VCP ---- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP ---- Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE ---- Registered Waste Tire Storage & Facility List
NY SWRCY ---- Registered Recycling Facility List
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
ODI ---- Open Dump Inventory
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---- Open Dumps on Indian Land

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL	Delisted National Clandestine Laboratory Register
NY DEL SHWS	Delisted Registry Sites
US CDL	National Clandestine Laboratory Register
NY PFAS	PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

NY HIST UST	Historical Petroleum Bulk Storage Database
NY HIST AST	Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS	Spill Liens Information
LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
NY Hist Spills	SPILLS Database
NY SPILLS 90	SPILLS 90 data from FirstSearch
NY SPILLS 80	SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites

US MINES Mines Master Index File
ABANDONED MINES Abandoned Mines
DOCKET HWC Hazardous Waste Compliance Docket Listing
UXO Unexploded Ordnance Sites
FUELS PROGRAM EPA Fuels Program Registered Listing
NY COAL ASH Coal Ash Disposal Site Listing
NY E DESIGNATION E DESIGNATION SITE LISTING
NY HSWDS Hazardous Substance Waste Disposal Site Inventory
NY UIC Underground Injection Control Wells
NY COOLING TOWERS Registered Cooling Towers

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS Recovered Government Archive State Hazardous Waste Facilities List
NY RGA LF Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 3

RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE EPA ID:: NYP004313318	311 FENNIMORE RD &AM	E 1/8 - 1/4 (0.169 mi.)	W125	313

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE EPA ID:: NYP004306965	***605 FENIMORE RD***	***NNE 0 - 1/8 (0.059 mi.)***	***D26***	***52***
CYTOPATH BIOPSY LABO EPA ID:: NYR000115816	***300 WAVERLY AVE***	***NE 1/8 - 1/4 (0.148 mi.)***	***Q91***	***202***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
M ARGUESO & CO INC EPA ID:: NYR000132183	***441 WAVERLY AVE***	***WSW 0 - 1/8 (0.028 mi.)***	***B8***	***19***
HAPPINESS LAUNDRY & EPA ID:: NYD012859534	***613 WAVERLY AVE***	***SW 1/8 - 1/4 (0.181 mi.)***	***Z138***	***343***
I-800-NYBULBS EPA ID:: NYR000165290	***620 FAYETTE AVE***	***WSW 1/8 - 1/4 (0.228 mi.)***	***AF163***	***416***

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 7 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ENZO AUTO BODY INC EPA ID:: NYR000100925	***632 FENIMORE RD***	***NNW 0 - 1/8 (0.072 mi.)***	***G32***	***64***
CENTRE AUTO COLLISIO EPA ID:: NYD981180516	***625 FENIMORE RD***	***N 0 - 1/8 (0.075 mi.)***	***G44***	***97***
ANGELO & JOEY AUTO B EPA ID:: NYD081903163	***514 FAYETTE AVE***	***W 1/8 - 1/4 (0.150 mi.)***	***P95***	***214***
METAGLO INC EPA ID:: NYD053535662	***WAVERLY AVE***	***SW 1/8 - 1/4 (0.215 mi.)***	***AD157***	***386***
STAR AUTO COLLISION	***631 CENTER AVE***	***SW 1/8 - 1/4 (0.228 mi.)***	***AG161***	***412***

EPA ID:: NYD981180748

CULIN COLLELLA	***632 CENTER AVE***	***SW 1/8 - 1/4 (0.231 mi.)***	***AG164***	***427***

EPA ID:: NY0000590828

Lower Elevation	Address	Direction / Distance	Map ID	Page
FAIRWAY AUTO BODY WO	***725 FENIMORE RD***	***NW 1/8 - 1/4 (0.164 mi.)***	***113***	***258***

EPA ID:: NYD012859278

State- and tribal - equivalent CERCLIS

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 05/13/2019 has revealed that there are 5 NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
624 FENIMORE AVENUE	***624 FENIMORE AVENUE***	***NNW 0 - 1/8 (0.069 mi.)***	***E30***	***61***

Site Code: 58474

FORMER EMCA SITE	***605 CENTER AVENUE AN***	***WSW 1/8 - 1/4 (0.165 mi.)***	***V119***	***291***

Site Code: 56083
Class Code: Site is properly closed - requires continued management.

HAPPINESS LAUNDRY	***613 WAVERLY AVENUE***	***SW 1/8 - 1/4 (0.181 mi.)***	***Z136***	***335***

Site Code: 58954

Lower Elevation	Address	Direction / Distance	Map ID	Page
BLOOD BROTHERS AUTO	***270 WAVERLY AVENUE***	***NE 1/8 - 1/4 (0.164 mi.)***	***Q115***	***266***

Site Code: 58572

SEALECTRO CORP	***139 HOYT AVE***	***NE 1/4 - 1/2 (0.322 mi.)***	***AP195***	***491***

Site Code: 56084
Class Code: Significant threat to the public health or environment - action required.

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 07/02/2019 has revealed that there are 4 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW ROCHELLE TRAN ST	***524 WAVERLY AVENUE***	***SW 0 - 1/8 (0.121 mi.)***	***K68***	***146***

Lower Elevation	Address	Direction / Distance	Map ID	Page
VILLAGE OF MAMARONEC	***313 FAYETTE AVENUE***	***N 1/8 - 1/4 (0.155 mi.)***	***S99***	***228***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RECYCLING INDUSTRIES	***306 FAYETTE AVE***	***N 1/8 - 1/4 (0.163 mi.)***	***S111***	***250***
BLOOD BROTHERS AUTO	***270 WAVERLY AVENUE***	***NE 1/8 - 1/4 (0.164 mi.)***	***Q115***	***266***

State and tribal leaking storage tank lists

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 08/12/2019 has revealed that there are 105 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
M. ARGUESO CO. INC.	***441 WAVERLY AVE***	***WSW 0 - 1/8 (0.028 mi.)***	***B7***	***15***
Spill Number/Closed Date: 8707761 / 1988-04-22				
Site ID: 82354				
Spill Date: 1987-12-09				
ARGUESO CO. INC	441 WOVERLY AVE	WSW 0 - 1/8 (0.028 mi.)	B10	24
Spill Number/Closed Date: 8707876 / 1987-12-14				
Site ID: 231887				
Spill Date: 1987-12-11				
DELVITO	CENTRE	N 0 - 1/8 (0.061 mi.)	E27	56
Spill Number/Closed Date: 8703256 / 1988-04-06				
Site ID: 169644				
Spill Date: 1987-07-22				
CON EDISON	***545 FENIMORE ROAD***	***ENE 0 - 1/8 (0.074 mi.)***	***F34***	***69***
Spill Number/Closed Date: 0208722 / 2003-12-09				
Spill Number/Closed Date: 0209569 / 2004-04-13				
Site ID: 200097				
Site ID: 200098				
Spill Date: 2002-11-21				
Spill Date: 2002-12-17				
FENIMORE REALTY	525 FENIMORE ROAD	ENE 0 - 1/8 (0.086 mi.)	F47	106
Spill Number/Closed Date: 9209524 / 1992-11-23				
Site ID: 244278				
Spill Date: 1992-11-16				
DIBICCARI RESIDENCE	509 CENTER AVE	WSW 0 - 1/8 (0.115 mi.)	L64	135
Spill Number/Closed Date: 0205266 / 2002-12-19				
Site ID: 146101				
Spill Date: 2002-08-19				
NEW ROCHELLE TRAN ST	***524 WAVERLY AVENUE***	***SW 0 - 1/8 (0.121 mi.)***	***K68***	***146***
Spill Number/Closed Date: 9210738 / 1992-12-31				
Spill Number/Closed Date: 0300544 / 2009-10-29				
Site ID: 169333				
Site ID: 265984				
Spill Date: 1992-12-16				
Spill Date: 2003-04-15				
SHORTY AUTO BODY	***519 CENTER AVE***	***WSW 0 - 1/8 (0.125 mi.)***	***L75***	***163***

Spill Number/Closed Date: 1007721 / 2010-12-30
Site ID: 441158
Spill Date: 2010-10-20

IMPRETECH — 480 OGDEN AV — SW 1/8 - 1/4 (0.138 mi.) — O84 — 188
Spill Number/Closed Date: 9900934 / 1999-06-18
Site ID: 297541
Spill Date: 1999-04-24

MADDEN HOME — 510 FAYETTE AVE — W 1/8 - 1/4 (0.148 mi.) — P90 — 200
Spill Number/Closed Date: 0607895 / 2007-06-19
Site ID: 371732
Spill Date: 2006-10-11

SPILL NUMBER 0103565 — 604 WAVERLY AVE — SW 1/8 - 1/4 (0.153 mi.) — O97 — 222
Spill Number/Closed Date: 0103565 / 2001-11-29
Site ID: 305121
Spill Date: 2001-07-02

SEREWICZ - TTF — 316 HEATHCOTE AVE — SE 1/8 - 1/4 (0.161 mi.) — 109 — 247
Spill Number/Closed Date: 1407613 / 2015-02-02
Site ID: 501139
Spill Date: 2014-10-23

PRIVATE DWELLING — 411 DELANCEY AVE — S 1/8 - 1/4 (0.172 mi.) — X129 — 323
Spill Number/Closed Date: 0711189 / 2013-01-29
Site ID: 392614
Spill Date: 2008-01-23

RESI: MARKANTONIS — 410 DELANCEY AVE — S 1/8 - 1/4 (0.176 mi.) — X131 — 325
Spill Number/Closed Date: 0009980 / 2000-12-04
Site ID: 191025
Spill Date: 2000-12-04

SPILL NUMBER 0009977 — 410 DELANCY AVE — S 1/8 - 1/4 (0.176 mi.) — X132 — 327
Spill Number/Closed Date: 0009977 / 2001-03-12
Site ID: 81893
Spill Date: 2000-12-04

HAPPINESS LAUNDERERS — 613 WAVERLY AVE — SW 1/8 - 1/4 (0.181 mi.) — Z137 — 337
Spill Number/Closed Date: 9805021 / 1999-06-08
Spill Number/Closed Date: 0505708 / 2005-09-11
Spill Number/Closed Date: 8905946 / 1992-07-30
Spill Number/Closed Date: 8905945 / 1992-07-30
Site ID: 316400
Site ID: 350786
Site ID: 296528
Site ID: 296527
Spill Date: 1998-07-22
Spill Date: 2005-08-09
Spill Date: 1989-09-16

LEWIN RESIDENCE — 311 FENIMORE RD — ESE 1/8 - 1/4 (0.194 mi.) — AA140 — 354
Spill Number/Closed Date: 1308417 / 2014-01-27
Site ID: 489153
Spill Date: 2013-11-19

VILLAGE GARDEN APTS — 304 FENIMORE RD — ESE 1/8 - 1/4 (0.202 mi.) — AA141 — 355
Spill Number/Closed Date: 9912867 / 2000-02-11
Spill Number/Closed Date: 1112707 / 2012-07-27
Site ID: 266670

Site ID: 460661
Spill Date: 2000-02-11
Spill Date: 2012-02-03

AMERCHOL CORPORATION	***628 WAVERLY AVENUE***	***SW 1/8 - 1/4 (0.208 mi.)***	***AD146***	***365***
Spill Number/Closed Date: 9606020 / 2003-09-09				
Spill Number/Closed Date: 8705596 / 1987-11-17				
Site ID: 197509				
Site ID: 299669				
Spill Date: 1996-08-08				
Spill Date: 1987-10-02				
ROBINSON HOME	***453 PALMER AVE***	***ESE 1/8 - 1/4 (0.212 mi.)***	***151***	***376***
Spill Number/Closed Date: 0611930 / 2012-08-17				
Site ID: 376673				
Spill Date: 2007-01-29				
APARTMENT BLDG	550 PALMER AVE	SSE 1/8 - 1/4 (0.213 mi.)	AE156	384
Spill Number/Closed Date: 0705043 / 2009-11-05				
Site ID: 385307				
Spill Date: 2007-08-02				
DESANTIS DESIGN	616 FAYETTE AVE	WSW 1/8 - 1/4 (0.217 mi.)	AF159	409
Spill Number/Closed Date: 1206168 / 2013-03-28				
Site ID: 469159				
Spill Date: 2012-09-21				
MARINO RESIDENCE	315 STANLEY AVE	ENE 1/8 - 1/4 (0.232 mi.)	AH165	440
Spill Number/Closed Date: 0812091 / 2009-04-24				
Site ID: 409697				
Spill Date: 2009-02-06				
475 BALDWIN PLACE	475 BALDWIN PLACE	WNW 1/8 - 1/4 (0.233 mi.)	167	442
Spill Number/Closed Date: 9807050 / 2005-04-24				
Site ID: 92060				
Spill Date: 1998-09-09				
PAGANO - TTF	313 STANLEY AVE	ENE 1/8 - 1/4 (0.236 mi.)	AH168	444
Spill Number/Closed Date: 1407480 / 2015-02-09				
Site ID: 500997				
Spill Date: 2014-10-17				
UNKNOWN BUSINESS	645 FAYETTE AVE	WSW 1/8 - 1/4 (0.237 mi.)	AF172	448
Spill Number/Closed Date: 0008747 / 2006-08-31				
Site ID: 109831				
Spill Date: 2000-10-27				
PRENTY HOME	327 PALMER AVE	E 1/8 - 1/4 (0.247 mi.)	176	458
Spill Number/Closed Date: 0613732 / 2007-06-13				
Site ID: 378826				
Spill Date: 2007-03-23				
HOME	250 GRAND ST	N 1/4 - 1/2 (0.256 mi.)	178	463
Spill Number/Closed Date: 1408863 / 2015-03-27				
Site ID: 502453				
Spill Date: 2014-12-01				
SPILL NUMBER 0002195	***315 PALMER TERRACE***	***S 1/4 - 1/2 (0.270 mi.)***	***AK179***	***464***
Spill Number/Closed Date: 9812581 / 1999-01-13				
Site ID: 150198				
Spill Date: 1999-01-12				
CO-OP PBS - RETEST T	320 PALMER TERRACE	S 1/4 - 1/2 (0.271 mi.)	AK180	466

Spill Number/Closed Date: 0713233 / 2009-01-07
Spill Number/Closed Date: 1502873 / 2017-04-04
Site ID: 394956
Site ID: 509155
Spill Date: 2008-03-11
Spill Date: 2015-06-15

PALMER TERRACE CO OP	320 PALMER TERRACE	S 1/4 - 1/2 (0.271 mi.)	AK181	468
Spill Number/Closed Date: 1501284 / 2017-04-04 Site ID: 507478 Spill Date: 2015-05-05				
REAL ESTATE - TTF	615 BALDWIN PLACE	W 1/4 - 1/2 (0.272 mi.)	AL183	471
Spill Number/Closed Date: 1506945 / 2015-12-15 Site ID: 514395 Spill Date: 2015-10-01				
SOLOMON - TTF	617 BALDWIN PLACE	W 1/4 - 1/2 (0.273 mi.)	AL184	472
Spill Number/Closed Date: 1308171 / Not Reported Site ID: 488886 Spill Date: 2013-11-11				
COLANGELLA RESIDENCE	621 BALDWIN PL	W 1/4 - 1/2 (0.275 mi.)	AL185	473
Spill Number/Closed Date: 9509598 / 2005-03-27 Spill Number/Closed Date: 9509742 / 1995-11-14 Spill Number/Closed Date: 9509988 / 1995-12-04 Site ID: 123663 Site ID: 123664 Site ID: 123665 Spill Date: 1995-10-30 Spill Date: 1995-11-06 Spill Date: 1995-11-10				
RESIDENCE	334 PROSPECT AVE	ESE 1/4 - 1/2 (0.293 mi.)	186	477
Spill Number/Closed Date: 0311379 / 2004-03-15 Site ID: 199349 Spill Date: 2004-01-08				
QUADRINI HOME	***173 MADISON STREET***	***NNE 1/4 - 1/2 (0.293 mi.)***	***187***	***478***
Spill Number/Closed Date: 0700691 / 2007-05-08 Site ID: 380075 Spill Date: 2007-04-18				
ERCOLE RESIDENCE - T	645 BALDWIN PLACE	WSW 1/4 - 1/2 (0.296 mi.)	AM188	480
Spill Number/Closed Date: 1311677 / 2014-07-08 Site ID: 492591 Spill Date: 2014-03-14				
AMMONIA	***670 BALDWIN PL***	***WSW 1/4 - 1/2 (0.298 mi.)***	***AM189***	***481***
Spill Number/Closed Date: 1300104 / Not Reported Site ID: 480419 Spill Date: 2013-04-04				
QUADRINI - TTF	180 WASHINGTON ST	NNE 1/4 - 1/2 (0.306 mi.)	190	484
Spill Number/Closed Date: 9813128 / 2008-12-07 Site ID: 153452 Spill Date: 1999-01-26				
HERSHBERG	3 COUNTRY LN	NW 1/4 - 1/2 (0.310 mi.)	AN191	485
Spill Number/Closed Date: 0102836 / 2005-04-10 Site ID: 313940				

Spill Date: 2001-06-13

RESIDENCE	6 COUNTRY LANE	NW 1/4 - 1/2 (0.318 mi.)	AN192	487
Spill Number/Closed Date: 0407822 / 2004-12-15				
Spill Number/Closed Date: 0408612 / 2005-02-13				
Site ID: 332399				
Site ID: 333505				
Spill Date: 2004-10-13				
Spill Date: 2004-11-04				
PERGOLA RESIDENCE	186 GRAND ST	N 1/4 - 1/2 (0.321 mi.)	AO193	489
Spill Number/Closed Date: 0207020 / 2002-11-12				
Site ID: 60868				
Spill Date: 2002-10-07				
FOLEY HOME	722 PROSPECT AVE	SSE 1/4 - 1/2 (0.323 mi.)	196	503
Spill Number/Closed Date: 0504006 / 2005-09-11				
Site ID: 348725				
Spill Date: 2005-07-05				
APT COMPLEX	412 MUNRO AVE	SE 1/4 - 1/2 (0.323 mi.)	197	504
Spill Number/Closed Date: 1203153 / 2012-07-27				
Site ID: 465944				
Spill Date: 2012-06-29				
SPILL NUMBER 9911175	46 HEATHCOTE RD	SE 1/4 - 1/2 (0.326 mi.)	198	505
Spill Number/Closed Date: 9911175 / 2000-01-11				
Site ID: 269688				
Spill Date: 1999-12-21				
FORMER GAS STATION	215 PALMER AVE.	E 1/4 - 1/2 (0.332 mi.)	199	507
Spill Number/Closed Date: 9315082 / 1994-06-28				
Site ID: 222334				
Spill Date: 1994-03-23				
RESIDENTS	324 MOUNT PLEASANT A	ENE 1/4 - 1/2 (0.336 mi.)	200	508
Spill Number/Closed Date: 9914393 / 2000-03-21				
Site ID: 125654				
Spill Date: 2000-03-21				
ARCESE - TTF	173 GRAND STREET	N 1/4 - 1/2 (0.341 mi.)	AO201	509
Spill Number/Closed Date: 1311926 / 2014-07-21				
Site ID: 492861				
Spill Date: 2014-03-21				
REICH DWELLING	209 PROSPECT AVE	E 1/4 - 1/2 (0.364 mi.)	AQ204	518
Spill Number/Closed Date: 0901705 / 2009-11-24				
Site ID: 413714				
Spill Date: 2009-05-12				
REAL ESTATE - TTF	209 PROSPECT ST	E 1/4 - 1/2 (0.364 mi.)	AQ205	519
Spill Number/Closed Date: 1405799 / 2014-12-06				
Site ID: 499243				
Spill Date: 2014-08-27				
SPILL NUMBER 9908042	805 ROCKLAND AVE	WSW 1/4 - 1/2 (0.369 mi.)	206	520
Spill Number/Closed Date: 9908042 / 2000-01-04				
Site ID: 221729				
Spill Date: 1999-10-02				
COMMERCIAL PROPERTY	434 MAMARONECK AVE	ENE 1/4 - 1/2 (0.369 mi.)	207	521
Spill Number/Closed Date: 0801651 / 2008-08-04				
Site ID: 397630				

Spill Date: 2008-05-12				
SPILL NUMBER 9910492 Spill Number/Closed Date: 9910492 / 2000-02-08 Site ID: 330699 Spill Date: 1999-12-02	123-129 HALSTEAD AVE	ENE 1/4 - 1/2 (0.377 mi.)	208	523
VILLAGE GARDENS Spill Number/Closed Date: 8901135 / 1990-05-15 Site ID: 188218 Spill Date: 1989-05-04	FENIMORE ROAD	SE 1/4 - 1/2 (0.383 mi.)	210	526
WELL #12 & WELL #5 Spill Number/Closed Date: 1010441 / 2018-03-21 Site ID: 444045 Spill Date: 2011-01-06	***808 PALMER AVE***	***SSW 1/4 - 1/2 (0.392 mi.)***	***213***	***530***
SHELDRAKE RIVER Spill Number/Closed Date: 9815561 / 2006-02-28 Site ID: 181859 Spill Date: 1999-03-31	***169 MOUNT PLEASANT***	***ESE 1/4 - 1/2 (0.393 mi.)***	***214***	***542***
TOWNHOUSES Spill Number/Closed Date: 0306213 / 2003-12-12 Site ID: 290999 Spill Date: 2003-09-11	101-147 FENIMORE ROA	SE 1/4 - 1/2 (0.406 mi.)	AS216	545
SPILL NUMBER 9814970 Spill Number/Closed Date: 9814970 / 2000-12-10 Site ID: 299884 Spill Date: 1999-03-17	101-47 FENIMORE	SE 1/4 - 1/2 (0.406 mi.)	AS217	546
JEWISH HOME & HOSP Spill Number/Closed Date: 0710591 / 2008-06-10 Spill Number/Closed Date: 9607339 / 2013-01-17 Site ID: 391901 Site ID: 269267 Spill Date: 2008-01-07 Spill Date: 1996-09-10	845 PALMER AVE	SSW 1/4 - 1/2 (0.420 mi.)	AT218	548
SIR NEWMAN NURING HO Spill Number/Closed Date: 8707145 / 1989-01-05 Site ID: 88268 Spill Date: 1987-11-19	845 PALNER AVE	SSW 1/4 - 1/2 (0.420 mi.)	AT219	550
JOSELSON - TTF Spill Number/Closed Date: 1601871 / 2017-02-15 Site ID: 527252 Spill Date: 2016-05-24	5 LEATHERSTOCKING LA	NNW 1/4 - 1/2 (0.436 mi.)	221	553
BOULARD - TTF Spill Number/Closed Date: 1312121 / 2014-07-30 Site ID: 493067 Spill Date: 2014-03-27	9 LEATHERSTOCKING LA	NNW 1/4 - 1/2 (0.438 mi.)	222	554
PVT DWELLING Spill Number/Closed Date: 1011656 / 2011-03-15 Site ID: 445542 Spill Date: 2011-02-22	42 MOHEGAN RD	WNW 1/4 - 1/2 (0.441 mi.)	AU223	556
RUELLEN RES. Spill Number/Closed Date: 1507220 / 2015-10-15 Site ID: 514685	6 STAUD COURT	ENE 1/4 - 1/2 (0.443 mi.)	AV225	559

Spill Date: 2015-10-08

VERDICK RESIDENCE | 6 STAUB CT | ENE 1/4 - 1/2 (0.443 mi.) | AV226 | 560
Spill Number/Closed Date: 9813765 / 1999-03-24
Site ID: 248157
Spill Date: 1999-02-11

HEALY HOME | 43 MOHEGAN ROAD | WNW 1/4 - 1/2 (0.446 mi.) | AU227 | 561
Spill Number/Closed Date: 0501454 / 2005-08-28
Site ID: 345609
Spill Date: 2005-05-05

PIRNICK RESIDENCE | 818 WOODBINE AVE | S 1/4 - 1/2 (0.447 mi.) | 228 | 562
Spill Number/Closed Date: 0803802 / 2008-09-23
Site ID: 400598
Spill Date: 2008-07-01

PIZZIMENTI HOME | 815 CARPENTER PLACE | S 1/4 - 1/2 (0.459 mi.) | 230 | 566
Spill Number/Closed Date: 0500838 / 2005-05-26
Site ID: 343926
Spill Date: 2005-04-20

GREENBAUM HOME | 14 LEATHERSTOCKING L | NNW 1/4 - 1/2 (0.472 mi.) | AW232 | 569
Spill Number/Closed Date: 0501579 / 2005-08-28
Site ID: 345758
Spill Date: 2005-05-09

DIPACE RESIDENCE | 16 LEATHERSTOCKING L | NNW 1/4 - 1/2 (0.472 mi.) | AW233 | 570
Spill Number/Closed Date: 0313445 / 2004-05-06
Site ID: 249907
Spill Date: 2004-03-08

MAMARONECK PLAYHOUSE | 243 MAMARONECK AVE | E 1/4 - 1/2 (0.473 mi.) | 234 | 571
Spill Number/Closed Date: 9213833 / 1993-06-28
Site ID: 180445
Spill Date: 1993-03-17

MEADOW PUBLICATIONS | 126 LIBRARY LANE | E 1/4 - 1/2 (0.473 mi.) | 235 | 574
Spill Number/Closed Date: 0311438 / 2005-02-01
Spill Number/Closed Date: 0411460 / 2008-09-04
Site ID: 81262
Site ID: 336656
Spill Date: 2004-01-09
Spill Date: 2005-01-24

DELVITO RESIDENCE | 791 OLD WHITEPLAINS | NNE 1/4 - 1/2 (0.482 mi.) | 238 | 582
Spill Number/Closed Date: 1403891 / 2014-10-03
Site ID: 497263
Spill Date: 2014-07-10

ABINGTON SQUARE APTS | 905-909 PALMER AVE | SSW 1/4 - 1/2 (0.485 mi.) | AX239 | 583
Spill Number/Closed Date: 9707977 / 1998-02-25
Site ID: 219261
Spill Date: 1997-10-06

MAMARONECK HIGH SCHO | PALMER AVE BLDG | SSW 1/4 - 1/2 (0.485 mi.) | AX240 | 584
Spill Number/Closed Date: 8708014 / 1989-11-29
Site ID: 246822
Spill Date: 1987-12-16

SPILL NUMBER 9912650 | 194 HICKORY GROVE DR | SW 1/4 - 1/2 (0.491 mi.) | 243 | 593
Spill Number/Closed Date: 9912650 / 2000-05-04
Site ID: 231292

Spill Date: 2000-02-05

Lower Elevation	Address	Direction / Distance	Map ID	Page
TERMINAL Spill Number/Closed Date: 0107371 / 2004-04-27 Site ID: 208763 Spill Date: 2001-10-17	335 CENTER AVE	NNE 1/8 - 1/4 (0.134 mi.)	M79	174
ISLAND TRANSPORTATIO Spill Number/Closed Date: 9701501 / 1997-05-04 Site ID: 103289 Spill Date: 1997-05-04	***711 FENIMORE ROAD***	***NW 1/8 - 1/4 (0.134 mi.)***	***N80***	***175***
UNDERGROUND TANK #6 Spill Number/Closed Date: 1603905 / Not Reported Site ID: 530390 Spill Date: 2016-07-20	711 FENIMORE RD	NW 1/8 - 1/4 (0.134 mi.)	N82	183
VILLAGE MAMARONECK Spill Number/Closed Date: 0107289 / 2006-12-19 Site ID: 176132 Spill Date: 2001-10-15	NORTHRUP AVE	NNW 1/8 - 1/4 (0.153 mi.)	R96	221
VILLAGE OF MAMARONEC Spill Number/Closed Date: 8907661 / 1992-07-30 Site ID: 173084 Spill Date: 1989-11-01	***313 FAYETTE AVENUE***	***N 1/8 - 1/4 (0.155 mi.)***	***S99***	***228***
SPILL NUMBER 0211344 Spill Number/Closed Date: 0211344 / 2003-02-13 Site ID: 245466 Spill Date: 2003-02-13	310 CENTER AVE	NNE 1/8 - 1/4 (0.157 mi.)	U108	245
RECYCLING INDUSTRIES Spill Number/Closed Date: 0513973 / 2006-03-07 Site ID: 360569 Spill Date: 2006-03-07	***306 FAYETTE AVE***	***N 1/8 - 1/4 (0.163 mi.)***	***S111***	***250***
SPILL NUMBER 9704854 Spill Number/Closed Date: 9704854 / 1997-10-21 Site ID: 195114 Spill Date: 1997-07-23	***531 FAYETTE AVE***	***W 1/8 - 1/4 (0.165 mi.)***	***P116***	***281***
SPILL NUMBER 9801539 Spill Number/Closed Date: 9801539 / 1998-07-14 Site ID: 276853 Spill Date: 1998-05-05	261 WAVERLY AVE	NE 1/8 - 1/4 (0.178 mi.)	Y133	328
RESIDENCE Spill Number/Closed Date: 0500755 / 2005-06-17 Spill Number/Closed Date: 0502535 / 2005-06-17 Site ID: 343811 Site ID: 346928 Spill Date: 2005-04-18 Spill Date: 2005-06-02	755 PLAZA AVE	N 1/8 - 1/4 (0.206 mi.)	145	363
RESIDENCE Spill Number/Closed Date: 9712773 / 1998-11-10 Spill Number/Closed Date: 9713389 / 1998-03-24 Site ID: 236700	***810 FENIMORE RD***	***NW 1/8 - 1/4 (0.213 mi.)***	***AC152***	***379***

Site ID: 236701
Spill Date: 1998-02-16
Spill Date: 1998-03-03

SCHEUER RESIDENCE Spill Number/Closed Date: 0902047 / 2009-08-25 Site ID: 414076 Spill Date: 2009-05-20	875 FENIMORE RD	NW 1/8 - 1/4 (0.218 mi.)	AC160	411
RESIDENCE Spill Number/Closed Date: 9609707 / 1997-11-13 Site ID: 183560 Spill Date: 1996-11-04	173 CENTER STREET	NNE 1/4 - 1/2 (0.271 mi.)	182	469
ITT SEALECTRO Spill Number/Closed Date: 9101862 / 1991-05-20 Site ID: 123129 Spill Date: 1991-05-16	139 HOYTE STREET	NE 1/4 - 1/2 (0.322 mi.)	AP194	490
BP STATION / RAD OIL Spill Number/Closed Date: 8905557 / 1989-09-22 Spill Number/Closed Date: 9514718 / 2007-03-05 Spill Number/Closed Date: 9308730 / 2007-03-05 Site ID: 316103 Site ID: 326302 Site ID: 83187 Spill Date: 1989-09-06 Spill Date: 1996-02-16 Spill Date: 1993-10-19	***540 MAMARONECK AVE***	***NE 1/4 - 1/2 (0.347 mi.)***	***202***	***511***
VARAMO RESIDENCE Spill Number/Closed Date: 0110353 / 2005-02-04 Site ID: 300096 Spill Date: 2002-01-28	614-616 MAMARANACK A	NE 1/4 - 1/2 (0.349 mi.)	203	517
PRIVATE /STORE Spill Number/Closed Date: 0612478 / 2012-08-17 Site ID: 377343 Spill Date: 2007-02-15	632 MAMARONECK AVE	NNE 1/4 - 1/2 (0.379 mi.)	209	524
RESIDENCE Spill Number/Closed Date: 0411036 / 2005-05-08 Site ID: 336183 Spill Date: 2005-01-11	***723 OLD WHITE PLAINS***	***NNE 1/4 - 1/2 (0.385 mi.)***	***AR211***	***527***
RESIDENCE Spill Number/Closed Date: 0311244 / 2004-05-18 Site ID: 243332 Spill Date: 2004-01-05	572 VAN RANST PLACE	NE 1/4 - 1/2 (0.387 mi.)	212	529
RESIDENCE Spill Number/Closed Date: 0106729 / 2007-06-19 Site ID: 214486 Spill Date: 2001-09-27	741 OLD WHITE PLAINS	NNE 1/4 - 1/2 (0.399 mi.)	AR215	544
COMMERCIAL Spill Number/Closed Date: 0503918 / 2005-08-28 Site ID: 348629 Spill Date: 2005-07-01	131 SHELDRAKE AVE	NE 1/4 - 1/2 (0.426 mi.)	220	552
APT BLDG Spill Number/Closed Date: 0206800 / 2003-01-30	***64 GRAND ST***	***NNE 1/4 - 1/2 (0.443 mi.)***	***224***	***557***

Site ID: 135417
Spill Date: 2002-10-01

SADFI REALTY — 516 WEST BOSTON POST — SE 1/4 - 1/2 (0.449 mi.) — 229 — 565
Spill Number/Closed Date: 0610881 / 2007-02-07
Site ID: 375406
Spill Date: 2006-12-27

HARBOR ISLAND SERVIC — 260 WEST BOSTON POST — SE 1/4 - 1/2 (0.464 mi.) — 231 — 567
Spill Number/Closed Date: 9512562 / 2002-09-12
Site ID: 112377
Spill Date: 1996-01-09

DIP-IN EXXON — 712 MAMARONECK AVE — NNE 1/4 - 1/2 (0.475 mi.) — 236 — 580
Spill Number/Closed Date: 9106251 / 1991-10-01
Site ID: 140608
Spill Date: 1991-09-10

THE ANIMAL HOSPITAL — 649 WEST BOSTON POST — SSE 1/4 - 1/2 (0.476 mi.) — 237 — 581
Spill Number/Closed Date: 9906960 / 2004-05-17
Site ID: 69430
Spill Date: 1999-09-10

MAMARONECK WASTE WAT — 199 WEST BOSTON POST — ESE 1/4 - 1/2 (0.491 mi.) — AY241 — 590
Spill Number/Closed Date: 1409137 / 2015-03-18
Site ID: 502742
Spill Date: 2014-12-09

MAMARONECK WWTP — 199 W BOSTON POST RD — ESE 1/4 - 1/2 (0.491 mi.) — AY242 — 592
Spill Number/Closed Date: 1409263 / 2015-03-18
Site ID: 502874
Spill Date: 2014-12-12

UNDERGROUND — 168 WEST BOSTON POST — ESE 1/4 - 1/2 (0.491 mi.) — 244 — 594
Spill Number/Closed Date: 1010867 / Not Reported
Site ID: 444484
Spill Date: 2011-01-24

State and tribal registered storage tank lists

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there are 25 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER M. ARGUESO AN	442 WAVERLY AVENUE	SW 0 - 1/8 (0.029 mi.)	B11	25
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019 Status: 3. Closed - Removed Id/Status:: 3-049948 Site Status: Unregulated				
J.A. JACKSON CORP.	430 CENTER AVENUE	WNW 0 - 1/8 (0.050 mi.)	C12	27
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019 Status: 1. In-Service				

Id/Status:: 3-800063
Site Status: Unregulated: <1101 gal. PBS

VINCENT AUTO BODY, I 425 CENTER AVENUE NW 0 - 1/8 (0.057 mi.) C23 48
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 1. In-Service
Id/Status:: 3-800062
Site Status: Unregulated: <1101 gal. PBS

FIRST PACIFIC REALTY 545 FENIMORE ROAD ENE 0 - 1/8 (0.074 mi.) F36 74
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Id/Status:: 3-497339
Site Status: Unregulated: <1101 gal. PBS

VINCENT SERVICE STAT 636 FENIMORE ROAD NNW 0 - 1/8 (0.074 mi.) G39 79
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Status: 1. In-Service
Id/Status:: 3-037885
Site Status: Active

MAJESTIC KITCHENS, I 700 FENIMORE ROAD NNW 0 - 1/8 (0.106 mi.) I58 120
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Id/Status:: 3-800976
Site Status: Unregulated: <1101 gal. PBS

BON TON FOODS, INC 521 WAVERLY AVE SW 0 - 1/8 (0.116 mi.) K65 136
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 0. Administratively closed
Id/Status:: 3-025097
Site Status: Administratively Closed

SUBURBAN CARTING COR 524 WAVERLY AVENUE SW 0 - 1/8 (0.121 mi.) K66 137
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Id/Status:: 3-176222
Site Status: Unregulated: <1101 gal. PBS

J.A. JACKSON CORP. 519 CENTER AVENUE WSW 0 - 1/8 (0.125 mi.) L76 167
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Id/Status:: 3-801673
Site Status: Unregulated

OGDEN INN (SYSTEM IN 480-500 OGDEN AVENUE SW 1/8 - 1/4 (0.138 mi.) O85 189
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Status: 4. Closed - in place
Id/Status:: 3-801038
Site Status: Unregulated: <1101 gal. PBS

J & N LEASING & BUIL 604 WAVERLY AVENUE SW 1/8 - 1/4 (0.153 mi.) O98 225
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Id/Status:: 3-800792
Site Status: Unregulated: <1101 gal. PBS

613 WAVERLY AVENUE L 613 WAVERLY AVENUE SW 1/8 - 1/4 (0.181 mi.) Z135 331
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019

Status: 3. Closed - Removed
Id/Status:: 3-450650
Site Status: Unregulated

VILLAGE GARDENS 304 FENIMORE ROAD ESE 1/8 - 1/4 (0.202 mi.) AA142 359
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Id/Status:: 3-172316
Site Status: Administratively Closed

AMERCHOL CORPORATION 628 WAVERLY AVENUE SW 1/8 - 1/4 (0.208 mi.) AD150 375
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3a. Closed - Prior to 04/1991
Id/Status:: 3-175498
Site Status: Unregulated: <1101 gal. PBS

550 PALMER AVENUE MA 550 PALMER AVE SSE 1/8 - 1/4 (0.213 mi.) AE155 384
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 0. Administratively closed
Id/Status:: 3-239585
Site Status: Administratively Closed

DICKENS OF LONDON, L 620 FAYETTE AVE WSW 1/8 - 1/4 (0.228 mi.) AF162 416
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Id/Status:: 3-600916
Site Status: Unregulated: <1101 gal. PBS

Lower Elevation	Address	Direction / Distance	Map ID	Page

M & F PROPERTIES, LL 335 CENTER AVENUE NNE 1/8 - 1/4 (0.134 mi.) M78 172
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Id/Status:: 3-002372
Site Status: Unregulated: <1101 gal. PBS

LEBRINI'S SERVICE ST 711 FENIMORE ROAD NW 1/8 - 1/4 (0.134 mi.) N81 179
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Status: 1. In-Service
Id/Status:: 3-413054
Site Status: Active

WAVERLY REALTY 300 WAVERLY AVENUE NE 1/8 - 1/4 (0.148 mi.) Q92 211
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Id/Status:: 3-497355
Site Status: Unregulated: <1101 gal. PBS

VILLAGE OF MAMARONEC 313 FAYETTE AVENUE N 1/8 - 1/4 (0.155 mi.) S102 237
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Status: 4. Closed - in place
Status: 1. In-Service
Id/Status:: 3-449385
Site Status: Active

RECYCLING INDUSTRIES 306 FAYETTE AVE N 1/8 - 1/4 (0.163 mi.) S112 257
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 4. Closed - in place

Id/Status:: 3-176184
Site Status: Unregulated: <1101 gal. PBS

SAV A TREE 531 FAYETTE AVENUE W 1/8 - 1/4 (0.165 mi.) P117 284
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 1. In-Service
Status: 3. Closed - Removed
Id/Status:: 3-601108
Site Status: Active

SPRINGDALE ICE CO IN 302 CENTER AVENUE NNE 1/8 - 1/4 (0.166 mi.) U120 307
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Id/Status:: 3-029505
Site Status: Unregulated: <1101 gal. PBS

MARVAL INDUSTRIES IN 315 HOYT AVE ENE 1/8 - 1/4 (0.171 mi.) T126 315
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3a. Closed - Prior to 04/1991
Id/Status:: 3-176265
Site Status: Unregulated: <1101 gal. PBS

WINGED FOOT GOLF CLU ***851 FENIMORE ROAD*** ***NW 1/8 - 1/4 (0.217 mi.)*** ***AC158*** ***399***
Database: WESTCHESTER CO. UST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Status: 1. In-Service
Id/Status:: 3-238090
Site Status: Active

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the NY CBS list, as provided by EDR, and dated 06/24/2019 has revealed that there is 1 NY CBS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERCHOL CORPORATION	***628 WAVERLY AVENUE***	***SW 1/8 - 1/4 (0.208 mi.)***	***AD146***	***365***

Facility Status: Inactive
CBS Number: 3-000091

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there are 12 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VINCENT SERVICE STAT	***636 FENIMORE ROAD***	***NNW 0 - 1/8 (0.074 mi.)***	***G39***	***79***

Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019
Status: 1. In-Service
Status: 0. Administratively closed
PBS Number: 3-037885

CAS CAR IMPORTS LTD 519 WAVERLY AVENUE SW 0 - 1/8 (0.114 mi.) K63 133
Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019

Status: 1. In-Service
PBS Number: 3-801794

OGDEN INN (SYSTEM IN ***480-500 OGDEN AVENUE*** ***SW 1/8 - 1/4 (0.138 mi.)*** ***O85*** ***189***
Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019
Status: 1. In-Service
PBS Number: 3-801038

J & N LEASING & BUIL ***604 WAVERLY AVENUE*** ***SW 1/8 - 1/4 (0.153 mi.)*** ***O98*** ***225***
Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019
Status: 1. In-Service
PBS Number: 3-800792

613 WAVERLY AVENUE L ***613 WAVERLY AVENUE*** ***SW 1/8 - 1/4 (0.181 mi.)*** ***Z135*** ***331***
Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
PBS Number: 3-450650

AMERCHOL CORPORATION ***628 WAVERLY AVENUE*** ***SW 1/8 - 1/4 (0.208 mi.)*** ***AD147*** ***369***
Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019
Status: 4. Closed - in place
PBS Number: 3-175498

JJH PARTNERS 550 PALMER AVENUE SSE 1/8 - 1/4 (0.213 mi.) AE154 383
Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
PBS Number: 3-800197

DCH TOYOTA CITY SERV 700 WAVERLY AVENUE SW 1/8 - 1/4 (0.241 mi.) AJ174 451
Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019
Status: 1. In-Service
PBS Number: 3-801727

Lower Elevation	Address	Direction / Distance	Map ID	Page

LEBRINI'S SERVICE ST ***711 FENIMORE ROAD*** ***NW 1/8 - 1/4 (0.134 mi.)*** ***N81*** ***179***
Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019
Status: 1. In-Service
PBS Number: 3-413054

VILLAGE OF MAMARONEC 313 FAYETTE AVENUE N 1/8 - 1/4 (0.155 mi.) S101 235
Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019
Status: 1. In-Service
PBS Number: 3-449385

STAROPOLI BROTHERS I 313 NORTHRUP AVENUE NNW 1/8 - 1/4 (0.171 mi.) R128 322
Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019
Status: 1. In-Service
PBS Number: 3-801441

WINGED FOOT GOLF CLU ***851 FENIMORE ROAD*** ***NW 1/8 - 1/4 (0.217 mi.)*** ***AC158*** ***399***
Database: WESTCHESTER CO. AST, Date of Government Version: 05/10/2019
Status: 3. Closed - Removed
Status: 1. In-Service
PBS Number: 3-238090

NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY CBS AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERCHOL CORPORATION	***628 WAVERLY AVENUE***	***SW 1/8 - 1/4 (0.208 mi.)***	***AD147***	***369***

State and tribal institutional control / engineering control registries

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 05/13/2019 has revealed that there is 1 NY INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER EMCA SITE Site Code: 56083	***605 CENTER AVENUE AN***	***WSW 1/8 - 1/4 (0.165 mi.)***	***V119***	***291***

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 05/13/2019 has revealed that there is 1 NY BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER M. ARGUESO AN Site Code: 489470	441-442 WAVERLY AVEN	WSW 0 - 1/8 (0.028 mi.)	B9	22

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 08/12/2019 has revealed that there are 20 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEAVERLY AV AND	FENIMORE ROAD	WNW 0 - 1/8 (0.009 mi.)	A3	10

Spill Number/Closed Date: 0108756 / 2001-12-03
Site ID: 176908
Spill Date: 2001-12-03

NATIONAL PHOTOCOLOR | 428 WAVERLY AVE | SW 0 - 1/8 (0.013 mi.) | A4 | 11
Spill Number/Closed Date: 0605141 / 2006-08-04
Site ID: 368253
Spill Date: 2006-08-03

C & S AUTO REPAIR | 427 WAVERLY AVE | WSW 0 - 1/8 (0.013 mi.) | A5 | 12
Spill Number/Closed Date: 0105951 / 2001-10-15
Site ID: 112076
Spill Date: 2001-09-04

STREET | 436 WAVERLY AVE | SW 0 - 1/8 (0.022 mi.) | A6 | 14
Spill Number/Closed Date: 0200468 / 2005-02-27
Site ID: 247151
Spill Date: 2002-04-13

M. ARGUESO CO. INC. | ***441 WAVERLY AVE*** | ***WSW 0 - 1/8 (0.028 mi.)*** | ***B7*** | ***15***
Spill Number/Closed Date: 9309854 / 1994-01-03
Spill Number/Closed Date: 9105900 / 1991-10-01
Spill Number/Closed Date: 9203151 / 1992-06-26
Site ID: 143533
Site ID: 82355
Site ID: 82356
Spill Date: 1993-11-15
Spill Date: 1991-08-30
Spill Date: 1992-06-16

624 FENIMORE AVENUE | ***624 FENIMORE AVENUE*** | ***NNW 0 - 1/8 (0.069 mi.)*** | ***E30*** | ***61***
Spill Number/Closed Date: 9205488 / 2010-03-24
Site ID: 195816
Spill Date: 1992-08-04

FENIMORE RD AND | RAILROAD WAY | ENE 0 - 1/8 (0.072 mi.) | F31 | 63
Spill Number/Closed Date: 0305891 / 2003-09-04
Site ID: 73499
Spill Date: 2003-09-04

GAS STATION | 636 FENIMORE ROAD | NNW 0 - 1/8 (0.074 mi.) | G42 | 88
Spill Number/Closed Date: 0704085 / 2008-10-06
Spill Number/Closed Date: 0801435 / Not Reported
Site ID: 384171
Site ID: 397357
Spill Date: 2007-07-11
Spill Date: 2008-05-06

CON EDISON | ***525 FENIMORE RD FRON*** | ***ENE 0 - 1/8 (0.086 mi.)*** | ***F45*** | ***102***
Spill Number/Closed Date: 1509803 / 2015-12-31
Site ID: 520445
Spill Date: 2015-12-31

POLE #W1 | FAYETTE AVE/FENIMORE | NNW 0 - 1/8 (0.087 mi.) | G49 | 109
Spill Number/Closed Date: 9907310 / 1999-09-17
Site ID: 328419
Spill Date: 1999-09-17

STORM SEWER | 500 FENIMORE RD | E 0 - 1/8 (0.096 mi.) | H50 | 110
Spill Number/Closed Date: 1803809 / 2018-07-09
Site ID: 572485

Spill Date: 2018-07-09

ARCTIC GLACIER FACIL — 500 FENEMORE RD — E 0 - 1/8 (0.096 mi.) — H51 — 111
Spill Number/Closed Date: 1206737 / 2012-10-09
Site ID: 469745
Spill Date: 2012-10-08

SAXSONY ICE — 500 FENIMORE RD — E 0 - 1/8 (0.096 mi.) — H52 — 112
Spill Number/Closed Date: 0211756 / 2004-05-27
Spill Number/Closed Date: 0900633 / 2009-04-17
Site ID: 195884
Site ID: 412582
Spill Date: 2003-02-27
Spill Date: 2009-04-16

POLE 1A CON ED — HOYT AVE AND FENIMOR — E 0 - 1/8 (0.100 mi.) — H55 — 117
Spill Number/Closed Date: 1504236 / 2015-07-29
Site ID: 510570
Spill Date: 2015-07-21

MAJESTIC KITCHENS — 700 FENIMORE RD — NNW 0 - 1/8 (0.106 mi.) — I57 — 119
Spill Number/Closed Date: 0206488 / 2002-10-24
Site ID: 89401
Spill Date: 2002-09-23

NEW ROCHELLE TRAN ST — ***524 WAVERLY AVENUE*** — ***SW 0 - 1/8 (0.121 mi.)*** — ***K68*** — ***146***
Spill Number/Closed Date: 0610150 / 2009-11-05
Spill Number/Closed Date: 9605092 / 1996-09-05
Spill Number/Closed Date: 9811301 / 2016-08-01
Spill Number/Closed Date: 9811573 / 2003-03-03
Site ID: 374535
Site ID: 311384
Site ID: 311385
Site ID: 311386
Spill Date: 2006-12-05
Spill Date: 1996-07-18
Spill Date: 1998-12-08
Spill Date: 1998-12-14

Lower Elevation	Address	Direction / Distance	Map ID	Page
AT CORNER OF Spill Number/Closed Date: 1103446 / 2011-06-27 Site ID: 451010 Spill Date: 2011-06-27	WAVERLY AVE AND FENI	NE 0 - 1/8 (0.056 mi.)	D19	41
BACKLOT OF BUILDING Spill Number/Closed Date: 0700580 / 2007-09-05 Site ID: 379942 Spill Date: 2007-04-16	610 FENIMORE AVE	N 0 - 1/8 (0.056 mi.)	E20	42
IN STREET Spill Number/Closed Date: 0705591 / 2007-08-15 Site ID: 385928 Spill Date: 2007-08-15	603 FENIMORE RD	NNE 0 - 1/8 (0.059 mi.)	D25	51
POLE 19 INFRONT OF Spill Number/Closed Date: 0104835 / 2001-08-04 Site ID: 116681 Spill Date: 2001-08-04	325 WAVERLY ROAD	NE 0 - 1/8 (0.114 mi.)	J60	125

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 43 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EXOTIC CUSTOM COLLIS EPA ID:: NYD982718264	***417 CENTER AVE***	***NW 0 - 1/8 (0.056 mi.)***	***C21***	***43***
VINCENT GARAGE INC EPA ID:: NYD981181845	425 CENTER AVE	NW 0 - 1/8 (0.057 mi.)	C24	50
CAMOTONE INC EPA ID:: NYD000818575	***520 FENIMORE RD***	***ENE 0 - 1/8 (0.067 mi.)***	***F28***	***57***
DISCOUNT AUTOMOTIVE EPA ID:: NYD981877830	624 FENIMORE RD	NNW 0 - 1/8 (0.069 mi.)	E29	59
CON EDISON EPA ID:: NYP004795522	545 FENIMORE RD	ENE 0 - 1/8 (0.074 mi.)	F37	75
VINCENT GARAGE INC EPA ID:: NYD986985315	***636 FENIMORE RD***	***NNW 0 - 1/8 (0.074 mi.)***	***G41***	***86***
CON EDISON EPA ID:: NYP004798617	525 FENIMORE ROAD	ENE 0 - 1/8 (0.086 mi.)	F48	107
CON EDISON EPA ID:: NYP004822355	***HOYT AVE & FENIMORE***	***E 0 - 1/8 (0.100 mi.)***	***H56***	***118***
SEMICONDUCTOR PACKAG EPA ID:: NYD986911782	***431 FAYETTE AVE***	***WNW 0 - 1/8 (0.111 mi.)***	***59***	***121***
ENZO AUTO BODY EPA ID:: NYD162402507	***519 WAVERLY ST***	***SW 0 - 1/8 (0.114 mi.)***	***K62***	***128***
MAMARONECK TRUCK RPR EPA ID:: NYD981562150	***524 WAVERLY AVE***	***SW 0 - 1/8 (0.121 mi.)***	***K67***	***143***
MAMARONECK TRUCK REP EPA ID:: NYD982716607	524 WAVERLY AVE	SW 0 - 1/8 (0.121 mi.)	K69	154
CYCLOPS IRON WORKS EPA ID:: NYR000232785	517 CENTER AVE	WSW 0 - 1/8 (0.123 mi.)	L74	161
SHORTY AUTO BODY EPA ID:: NYR000055319	***519 CENTER AVE***	***WSW 0 - 1/8 (0.125 mi.)***	***L75***	***163***
SPATZ INDUSTRIES EPA ID:: NYD986998870	***420 RAILROAD WAY***	***SSW 1/8 - 1/4 (0.128 mi.)***	***77***	***168***
CON EDISON EPA ID:: NYP004801429	OGDEN AVE & WAVERLY	SW 1/8 - 1/4 (0.142 mi.)	O88	195
ELECTRO MATERIAL COR EPA ID:: NYD045655362	***605 CENTER AVE***	***WSW 1/8 - 1/4 (0.165 mi.)***	***V118***	***286***
CON EDISON MANHOLE: EPA ID:: NYP004314506	***FENNIMORE RD & STANL***	***E 1/8 - 1/4 (0.169 mi.)***	***W121***	***308***
CON EDISON	***851 FENIMORE RD & WI***	***NW 1/8 - 1/4 (0.206 mi.)***	***AC144***	***361***

EPA ID:: NYP004206191				
AMERCHOL MFG INC	***628 WAVERLY AVE***	***SW 1/8 - 1/4 (0.208 mi.)***	***AD148***	***370***
EPA ID:: NYD010944163				
DCH TOYOTA CITY FORM	***700 WAVERLY AVE***	***SW 1/8 - 1/4 (0.241 mi.)***	***AJ175***	***453***
EPA ID:: NYR000054221				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	WAVERLY AVE & FENIMO	NE 0 - 1/8 (0.056 mi.)	D14	30
EPA ID:: NYP004799318				
CON EDISON MANHOLE:	***FENIMORE RD & WAVERL***	***NE 0 - 1/8 (0.056 mi.)***	***D15***	***31***
EPA ID:: NYP004428819				
CON EDISON - OTHER -	***WAVERLY ST & FENIMOR***	***NE 0 - 1/8 (0.056 mi.)***	***D16***	***33***
EPA ID:: NYP004129599				
CON EDISON MANHOLE 9	***WAVERLY AVE & FENIMO***	***NE 0 - 1/8 (0.056 mi.)***	***D17***	***36***
EPA ID:: NYP004246106				
CON EDISON MANHOLE:	***325 WAIVERLY AVE***	***NE 0 - 1/8 (0.114 mi.)***	***J61***	***126***
EPA ID:: NYP004316394				
CON EDISON	321 WAVERLEY AVE	NE 0 - 1/8 (0.122 mi.)	J71	158
EPA ID:: NYP004803235				
MYSTIC TRANSPORTATIO	***711 FENNIMORE RD***	***NW 1/8 - 1/4 (0.134 mi.)***	***N83***	***184***
EPA ID:: NYR000042879				
SAL & VITOS AUTO BOD	***322 CENTRE AVE***	***NNE 1/8 - 1/4 (0.144 mi.)***	***M89***	***196***
EPA ID:: NYD070566641				
CON EDISON	***300 WAVERLY AVE***	***NE 1/8 - 1/4 (0.148 mi.)***	***Q93***	***211***
EPA ID:: NYP004802336				
VILLAGE OF MAMARONEC	313 FAYETTE AVE	N 1/8 - 1/4 (0.155 mi.)	S100	233
EPA ID:: NYD986981447				
CON EDISON	***333 HOYT AVE***	***ENE 1/8 - 1/4 (0.156 mi.)***	***T104***	***241***
EPA ID:: NYP004822348				
CON EDISON	WAVERLEY AVE & PLAZA	NE 1/8 - 1/4 (0.157 mi.)	Q107	245
EPA ID:: NYP004803136				
L & H STEEL DRUMS	***327 NORTHRUP AVE***	***NNW 1/8 - 1/4 (0.163 mi.)***	***110***	***248***
EPA ID:: NYD980646186				
BLOOD BROTHERS AUTO	***270 WAVERLY AVE***	***NE 1/8 - 1/4 (0.164 mi.)***	***Q114***	***262***
EPA ID:: NYD012858809				
MARVAL INDUSTRIES IN	***315 HOYT AVE***	***ENE 1/8 - 1/4 (0.171 mi.)***	***T127***	***316***
EPA ID:: NYD987023710				
CON EDISON GAS DRIP	263 WAVERLY AVE GAS	NE 1/8 - 1/4 (0.172 mi.)	Y130	325
EPA ID:: NYP004149704				
CON EDISON MANHOLE:	***266 WAIVERLY AVE***	***NE 1/8 - 1/4 (0.180 mi.)***	***Y134***	***329***
EPA ID:: NYP004316386				
CONTAINER TESTING LA	***607 FAYETTE AVE***	***WSW 1/8 - 1/4 (0.187 mi.)***	***139***	***350***
EPA ID:: NY0000023390				
CON EDISON	286 MADISON AVE	NNE 1/8 - 1/4 (0.205 mi.)	AB143	360
EPA ID:: NYP004149506				
CON EDISON GAS DRIP	281 MADISON ST GAS D	NNE 1/8 - 1/4 (0.213 mi.)	AB153	382

EPA ID:: NYP004149589				
CON EDISON EPA ID:: NYP004798740	205 WAVERLY ST	NE 1/8 - 1/4 (0.237 mi.)	AI169	445
N P I EPA ID:: NYD987033487	***225 HOYT AVE***	***NE 1/8 - 1/4 (0.247 mi.)***	***177***	***459***

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 11/05/2018 has revealed that there is 1 NY DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HAPPINESS LAUNDRY Facility Id: 3-5532-00314	***613 WAVERLY AVENUE***	***SW 1/8 - 1/4 (0.181 mi.)***	***Z136***	***335***

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 50 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
M ARGUESO & CO INC EPA ID: NYR000132183	***441 WAVERLY AVE***	***WSW 0 - 1/8 (0.028 mi.)***	***B8***	***19***
EXOTIC CUSTOM COLLIS EPA ID: NYD982718264	***417 CENTER AVE***	***NW 0 - 1/8 (0.056 mi.)***	***C21***	***43***
VINCENT GARAGE INCOR EPA ID: NYD981181845	425 CENTER AVE	NW 0 - 1/8 (0.057 mi.)	C22	47
ENZO AUTO BODY INC EPA ID: NYR000100925	***632 FENIMORE RD***	***NNW 0 - 1/8 (0.072 mi.)***	***G32***	***64***
CON EDISON EPA ID: NYP004794533	***545 FENIMORE ROAD***	***ENE 0 - 1/8 (0.074 mi.)***	***F34***	***69***
CON EDISON EPA ID: NYP004795522	545 FENIMORE RD	ENE 0 - 1/8 (0.074 mi.)	F35	73
CENTRE AUTO COLLISIO EPA ID: NYD981180516	***625 FENIMORE RD***	***N 0 - 1/8 (0.075 mi.)***	***G44***	***97***
CON EDISON EPA ID: NYP004798617	***525 FENIMORE RD FRON***	***ENE 0 - 1/8 (0.086 mi.)***	***F45***	***102***
CON EDISON EPA ID: NYP004822355	HOYT AVE & FENIMORE	E 0 - 1/8 (0.100 mi.)	H54	115
SEMICONDUCTOR PACKAG EPA ID: NYD986911782	***431 FAYETTE AVE***	***WNW 0 - 1/8 (0.111 mi.)***	***59***	***121***
ENZO AUTO BODY EPA ID: NYD162402507	***519 WAVERLY ST***	***SW 0 - 1/8 (0.114 mi.)***	***K62***	***128***
MAMARONECK TRUCK RPR EPA ID: NYD981562150	***524 WAVERLY AVE***	***SW 0 - 1/8 (0.121 mi.)***	***K67***	***143***
CYCLOPS IRON WORKS	517 CENTER AVE	WSW 0 - 1/8 (0.123 mi.)	L73	160

EPA ID: NYR000232785				
SHORTY AUTO BODY	***519 CENTER AVE***	***WSW 0 - 1/8 (0.125 mi.)***	***L75***	***163***
EPA ID: NYR000055319				
SPATZ INDUSTRIES	***420 RAILROAD WAY***	***SSW 1/8 - 1/4 (0.128 mi.)***	***77***	***168***
EPA ID: NYD986998870				
CON EDISON	OGDEN AVE & WAVERLY	SW 1/8 - 1/4 (0.142 mi.)	O87	193
EPA ID: NYP004801429				
ANGELO & JOEY AUTO B	***514 FAYETTE AVE***	***W 1/8 - 1/4 (0.150 mi.)***	***P95***	***214***
EPA ID: NYD081903163				
ELECTRO MATERIAL COR	***605 CENTER AVE***	***WSW 1/8 - 1/4 (0.165 mi.)***	***V118***	***286***
EPA ID: NYD045655362				
CON EDISON	311 FENNIMORE RD &AM	E 1/8 - 1/4 (0.169 mi.)	W122	309
EPA ID: NYP004313318				
CON EDISON	STANLEY AVE & FENIMO	E 1/8 - 1/4 (0.169 mi.)	W124	312
EPA ID: NYP004701991				
HAPPINESS LAUNDRY &	***613 WAVERLY AVE***	***SW 1/8 - 1/4 (0.181 mi.)***	***Z138***	***343***
EPA ID: NYD012859534				
CON EDISON	***851 FENIMORE RD & WI***	***NW 1/8 - 1/4 (0.206 mi.)***	***AC144***	***361***
EPA ID: NYP004206191				
AMERCHOL MFG INC	***628 WAVERLY AVE***	***SW 1/8 - 1/4 (0.208 mi.)***	***AD148***	***370***
EPA ID: NYD010944163				
CON EDISON	628 WAVERLY AV	SW 1/8 - 1/4 (0.208 mi.)	AD149	374
EPA ID: NYP004688685				
STAR AUTO COLLISION	***631 CENTER AVE***	***SW 1/8 - 1/4 (0.228 mi.)***	***AG161***	***412***
EPA ID: NYD981180748				
I-800-NYBULBS	***620 FAYETTE AVE***	***WSW 1/8 - 1/4 (0.228 mi.)***	***AF163***	***416***
EPA ID: NYR000165290				
CULIN COLLELLA	***632 CENTER AVE***	***SW 1/8 - 1/4 (0.231 mi.)***	***AG164***	***427***
EPA ID: NY0000590828				
CARDUCCI EXCAVATING	505 CONCORD AVENUE	SSW 1/8 - 1/4 (0.233 mi.)	166	441
EPA ID: NYP000872499				
DCH TOYOTA CITY FORM	***700 WAVERLY AVE***	***SW 1/8 - 1/4 (0.241 mi.)***	***AJ175***	***453***
EPA ID: NYR000054221				

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CON EDISON MANHOLE:	***FENIMORE RD & WAVERL***	***NE 0 - 1/8 (0.056 mi.)***	***D15***	***31***
EPA ID: NYP004428819				
CON EDISON - OTHER -	***WAVERLY ST & FENIMOR***	***NE 0 - 1/8 (0.056 mi.)***	***D16***	***33***
EPA ID: NYP004129599				
CON EDISON MANHOLE 9	***WAVERLY AVE & FENIMO***	***NE 0 - 1/8 (0.056 mi.)***	***D17***	***36***
EPA ID: NYP004246106				
CON EDISON	WAVERLY AVE & FENIMO	NE 0 - 1/8 (0.056 mi.)	D18	39
EPA ID: NYP004799318				
CON EDISON - MANHOLE	***605 FENIMORE RD***	***NNE 0 - 1/8 (0.059 mi.)***	***D26***	***52***
EPA ID: NYP004306965				
CON EDISON MANHOLE:	***325 WAIVERLY AVE***	***NE 0 - 1/8 (0.114 mi.)***	***J61***	***126***

EPA ID: NYP004316394				
CON EDISON EPA ID: NYP004803235	321 WAVERLEY AVE	NE 0 - 1/8 (0.122 mi.)	J70	156
ISLAND TRANSPORTATIO EPA ID: NYP000796029	***711 FENIMORE ROAD***	***NW 1/8 - 1/4 (0.134 mi.)***	***N80***	***175***
MYSTIC TRANSPORTATIO EPA ID: NYR000042879	***711 FENNIMORE RD***	***NW 1/8 - 1/4 (0.134 mi.)***	***N83***	***184***
SAL & VITOS AUTO BOD EPA ID: NYD070566641	***322 CENTRE AVE***	***NNE 1/8 - 1/4 (0.144 mi.)***	***M89***	***196***
CYTOPATH BIOPSY LABO EPA ID: NYP004802336 EPA ID: NYR000115816	***300 WAVERLY AVE***	***NE 1/8 - 1/4 (0.148 mi.)***	***Q91***	***202***
CON EDISON EPA ID: NYP004822348	333 HOYT AVE	ENE 1/8 - 1/4 (0.156 mi.)	T103	239
CON EDISON EPA ID: NYP004803136	WAVERLEY AVE & PLAZA	NE 1/8 - 1/4 (0.157 mi.)	Q106	243
FAIRWAY AUTO BODY WO EPA ID: NYD012859278	***725 FENIMORE RD***	***NW 1/8 - 1/4 (0.164 mi.)***	***113***	***258***
BLOOD BROTHERS AUTO EPA ID: NYD012858809	***270 WAVERLY AVE***	***NE 1/8 - 1/4 (0.164 mi.)***	***Q114***	***262***
MARVAL INDUSTRIES IN EPA ID: NYD987023710	***315 HOYT AVE***	***ENE 1/8 - 1/4 (0.171 mi.)***	***T127***	***316***
CON EDISON MANHOLE: EPA ID: NYP004316386	***266 WAIVERLY AVE***	***NE 1/8 - 1/4 (0.180 mi.)***	***Y134***	***329***
CONTAINER TESTING LA EPA ID: NY0000023390	***607 FAYETTE AVE***	***WSW 1/8 - 1/4 (0.187 mi.)***	***139***	***350***
CON EDISON EPA ID: NYP004798740	205 WAVERLY ST	NE 1/8 - 1/4 (0.237 mi.)	AI171	447
CONSOLIDATED EDISON EPA ID: NYP004155594	203 WAVERLY AVE	NE 1/8 - 1/4 (0.239 mi.)	AI173	450
N P I EPA ID: NYD987033487	***225 HOYT AVE***	***NE 1/8 - 1/4 (0.247 mi.)***	***177***	***459***

RI MANIFEST: Hazardous waste manifest information

A review of the RI MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there is 1 RI MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CULIN COLLELLA EPA Id: NY0000590828 Manifest Document Number: 000003291UIS	***632 CENTER AVE***	***SW 1/8 - 1/4 (0.231 mi.)***	***AG164***	***427***

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 14 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA Id: NYP004795522 EPA Id: NYP004794533	545 FENIMORE RD	ENE 0 - 1/8 (0.074 mi.)	F38	77
CENTRE AUTO COLLISIO EPA Id: NYD981180516	625 FENNIMORE ROAD	N 0 - 1/8 (0.075 mi.)	G43	91
CON EDISON EPA Id: NYP004798617	525 FENIMORE RD FRON	ENE 0 - 1/8 (0.086 mi.)	F46	104
CON EDISON EPA Id: NYP004822355	HOYT AVE & FENIMORE	E 0 - 1/8 (0.100 mi.)	H53	114
CON EDISON EPA Id: NYP004801429	OGDEN AVE & WAVERLY	SW 1/8 - 1/4 (0.142 mi.)	O86	192
ANGELO & JOEY AUTO B EPA Id: NYD081903163	***514 FAYETTE AVE***	***W 1/8 - 1/4 (0.150 mi.)***	***P95***	***214***
CON EDISON - MANHOLE EPA Id: NYP004313318	FENNIMORE RD & STANL	E 1/8 - 1/4 (0.169 mi.)	W123	311
METAGLO INC EPA Id: NYD053535662	***WAVERLY AVE***	***SW 1/8 - 1/4 (0.215 mi.)***	***AD157***	***386***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA Id: NYP004799318	WAVERLY AVE & FENIMO	NE 0 - 1/8 (0.056 mi.)	D13	29
CON EDISON MANHOLE 9 EPA Id: NYP004246106	***WAVERLY AVE & FENIMO***	***NE 0 - 1/8 (0.056 mi.)***	***D17***	***36***
CON EDISON EPA Id: NYP004803235	321 WAVERLEY AVE	NE 0 - 1/8 (0.122 mi.)	J72	158
CON EDISON EPA Id: NYP004802336	300 WAVERLY AVE	NE 1/8 - 1/4 (0.148 mi.)	Q94	213
CON EDISON EPA Id: NYP004803136	WAVERLEY AVE & PLAZA	NE 1/8 - 1/4 (0.157 mi.)	Q105	242
CON EDISON EPA Id: NYP004798740	205 WAVERLY ST	NE 1/8 - 1/4 (0.237 mi.)	AI170	446

NY VAPOR REOPENED: "Vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying or adjacent buildings. The subsurface source can either be contaminated groundwater or contaminated soil which releases vapors into the pore spaces in the soil. Improvements in analytical techniques and knowledge gained from site investigations in New York and other states has led to an increased awareness of soil vapor as a medium of concern and of the potential for exposures from the soil vapor intrusion pathway. Based on this additional information, New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

A review of the NY VAPOR REOPENED list, as provided by EDR, and dated 12/01/2018 has revealed that

there are 2 NY VAPOR REOPENED sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER EMCA SITE	***605 CENTER AVENUE AN***	***WSW 1/8 - 1/4 (0.165 mi.)***	***V119***	***291***
Facility Status: Complete (No Further Action)				
Site Code: 360025				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SEALECTRO CORP	***139 HOYT AVE***	***NE 1/4 - 1/2 (0.322 mi.)***	***AP195***	***491***
Facility Status: Complete				
Site Code: 360027				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

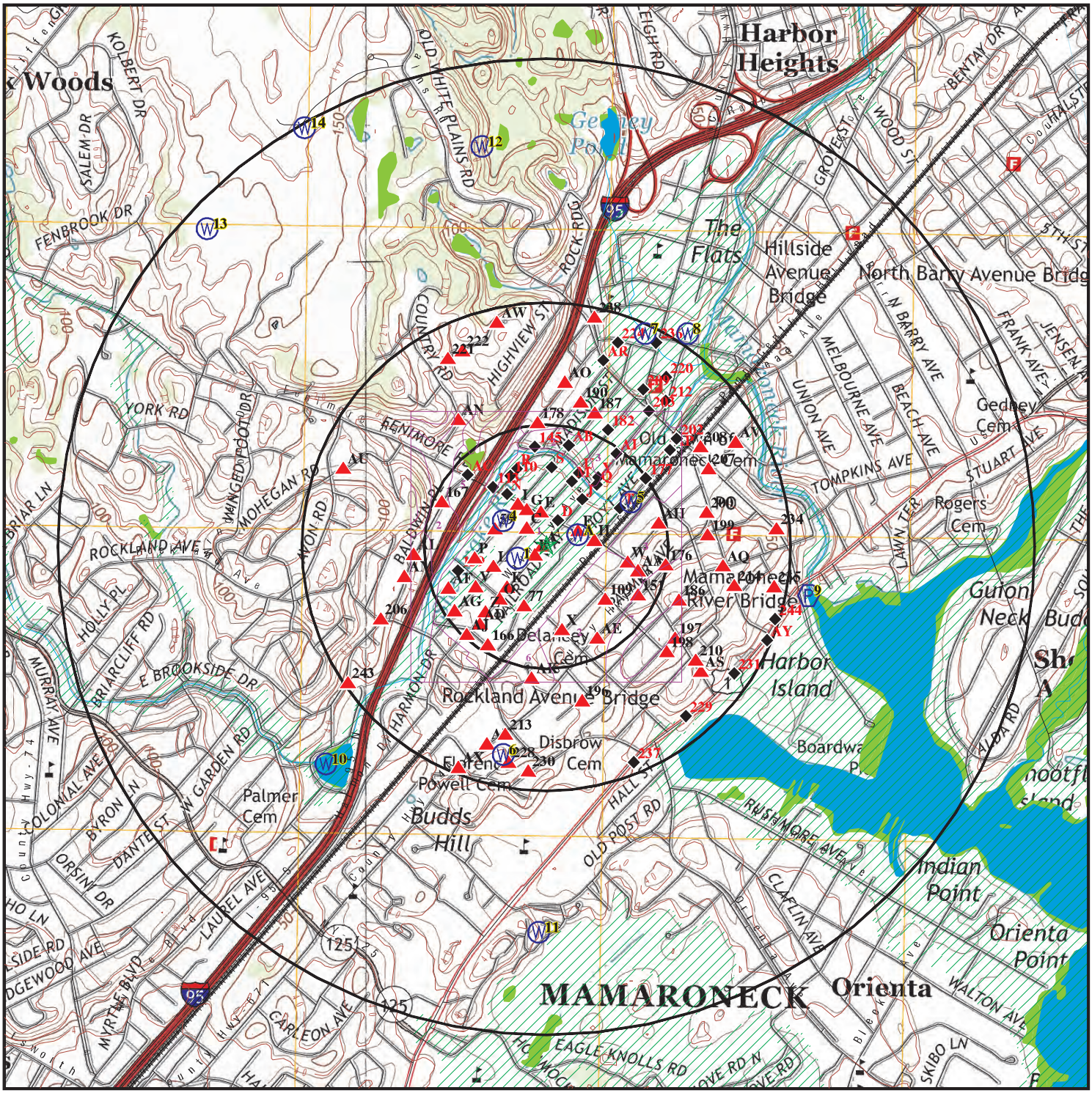
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SERVICE STN DLERS OF	421 WAVERLY AVE	W 0 - 1/8 (0.009 mi.)	A2	10
CENTRE AUTO REPAIR	621 FENIMORE RD	N 0 - 1/8 (0.074 mi.)	E33	68
C & S SERVICE STATIO	636 FENIMORE RD	NNW 0 - 1/8 (0.074 mi.)	G40	84

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
NOVELLO - APARTMENT TTF	NY LTANKS
SPILL NUMBER 8601246	NY LTANKS

OVERVIEW MAP - 5794452.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Murphy Brothers Contracting	CLIENT:	Hydro Environmental Solutions
ADDRESS:	416 Waverly Avenue Mamaroneck NY 10543	CONTACT:	Richard Depolo
LAT/LONG:	40.94988 / 73.742895	INQUIRY #:	5794452.2s
		DATE:	September 18, 2019 3:42 pm

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DETAIL MAP - 5794452.2S

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Murphy Brothers Contracting	CLIENT:	Hydro Environmental Solutions
ADDRESS:	416 Waverly Avenue Mamaroneck NY 10543	CONTACT:	Richard Depolo
LAT/LONG:	40.94988 / 73.742895	INQUIRY #:	5794452.2s
		DATE:	September 18, 2019 3:47 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	2	NR	NR	NR	3
RCRA-SQG	0.250		1	2	NR	NR	NR	3
RCRA-VSQG	0.250		2	5	NR	NR	NR	7
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		1	3	1	0	NR	5
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		1	3	0	NR	NR	4
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500	1	8	31	66	NR	NR	106
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY UST	0.250		9	16	NR	NR	NR	25
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY CBS	0.250		0	1	NR	NR	NR	1
NY AST	0.250		2	10	NR	NR	NR	12
NY CBS AST	0.250		0	1	NR	NR	NR	1
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	1	0	NR	NR	1
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		1	0	0	NR	NR	1
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWTIRE	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
NY PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		20	NR	NR	NR	NR	20
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		20	23	NR	NR	NR	43
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		0	1	NR	NR	NR	1
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY MANIFEST	0.250		21	29	NR	NR	NR	50
RI MANIFEST	0.250		0	1	NR	NR	NR	1
NJ MANIFEST	0.250		7	7	NR	NR	NR	14
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	1	1	NR	NR	2
NY UIC	TP		NR	NR	NR	NR	NR	0
NY COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		1	97	137	68	0	0	303

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **MURPHY BROTHERS CONTRACTI** **NY LTANKS** **S105999528**
Target **416 WAVERLY RD** **N/A**
Property **MAMARONECK, NY**

Site 1 of 6 in cluster A

Actual: LTANKS:
25 ft.

Name:	MURPHY BROTHERS CONTRACTI
Address:	416 WAVERLY RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0304697 / 2004-03-29
Facility ID:	0304697
Site ID:	65181
Spill Date:	2003-08-02
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2003-08-04
CID:	216
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-08-04
Spill Record Last Update:	2004-04-02
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	JAMES ROOD
Spiller Phone:	(845) 228-0076
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	62654
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-LALAK 08/04/03: In parking lot. 1st spill #, other is 0304698 for 2nd UST. 10/27/03 NORTHEAST ENVIRO DISPOSED OF LUST AND 53.32 TONS OF CONTAMINATED SOIL. CLOSURE REPORT INITIALLY SENT TO DEC, BUT CHRIS LALAK FROM WCHD IS HANDLING. 11/3/03: Letter to East Coast North Properties, AKA Murphy Brothers Contracting from Christopher Lalak, WCDOH dated 30Oct2003. Closure report received by WCDOH is incomplete. WCDOH recommends this spill remain open until complete information is received. 11/14/03: Letter to East Coast North Properties, AKA Murphy Brothers Contracting from Christopher Lalak, WCDOH dated 11/12/2003. Tank Closure Report by Northeast Env. dated 11/4/2003 has been received. Further work is required including groundwater sampling. Results submitted to WCDOH by 1/2/2004. 4/1/04: Letter to East Coast North Properties, AKA Murphy Brothers Contracting from Christopher Lalak, WCDOH dated 29Mar2004. Site Investigation/Underground Storage Tank Closure Report has been reviewed. WCDOH recommends NFA at this time."
Remarks:	"TEST FAILED "

MURPHY BROTHERS CONTRACTI (Continued) **S105999528**

All TTF:

Facility ID:	0304697
Spill Number:	0304697
Spill Tank Test:	1528554
Site ID:	65181
Tank Number:	Not reported
Tank Size:	550
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

Name:	MURPHY BROTHERS CONTRACTI
Address:	416 WAVERLY RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0304698 / 2004-03-29
Facility ID:	0304698
Site ID:	65182
Spill Date:	2003-08-01
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2003-08-04
CID:	216
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-08-04
Spill Record Last Update:	2004-04-02
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	JAMES ROOD
Spiller Phone:	(845) 228-0076
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	62654
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-LALAK 08/04/03: In parking lot, this is the 2nd spill # for 2nd UST. See 0304697 for first one. 11/3/03: Letter to East Coast North

MURPHY BROTHERS CONTRACTI (Continued) **S105999528**

Properties, AKA Murphy Brothers Contracting from Christopher Lalak, WCDOH dated 30Oct2003. WCDOH requires tank and contaminated material excavated and disposed of properly. Closure report to be submitted by 12/15/03. 4/1/04: Letter to East Coast North Properties, AKA Murphy Brothers Contracting from Christopher Lalak, WCDOH dated 29Mar2004. Site Investigation/Underground Storage Tank Closure Report has been reviewed. WCDOH recommends NFA at this time."

Remarks: "TANK FAILED "

All TTF:

Facility ID:	0304698
Spill Number:	0304698
Spill Tank Test:	1528555
Site ID:	65182
Tank Number:	Not reported
Tank Size:	550
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

A2 **SERVICE STN DLERS OF GRATER NY** **EDR Hist Auto** **1020892911**
West **421 WAVERLY AVE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.009 mi.
46 ft. **Site 2 of 6 in cluster A**

Relative: EDR Hist Auto
Higher

Actual: **26 ft.**

Year:	Name:	Type:
2010	SERVICE STN DLERS OF GRATER NY	Gasoline Service Stations
2011	SERVICE STN DLERS OF GRATER NY	Gasoline Service Stations
2012	SERVICE STN DLERS OF GRATER NY	Gasoline Service Stations
2013	SERVICE STN DLERS OF GRATER NY	Gasoline Service Stations
2014	SERVICE STN DLERS OF GRATER NY	Gasoline Service Stations

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A3 **WEAVERLY AV AND** **NY Spills** **S105236382**
WNW **FENIMORE ROAD** **N/A**
< 1/8 **MAMARONECK, NY**
0.009 mi.
47 ft. **Site 3 of 6 in cluster A**

Relative: SPILLS:
Higher

Actual: **25 ft.**

Name:	WEAVERLY AV AND
Address:	FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0108756 / 2001-12-03
Facility ID:	0108756
Facility Type:	ER

WEAVERLY AV AND (Continued) **S105236382**

DER Facility ID:	196232
Site ID:	176908
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6032
Spill Date:	2001-12-03
Investigator:	mbmastro
Referred To:	Not reported
Reported to Dept:	2001-12-03
CID:	270
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-12-03
Spill Record Last Update:	2002-01-15
Spiller Name:	SAME
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MASTRO "
Remarks:	"OVERHEAD JOINT LEAKED CLEAN UP IN PROGRESS 140451"

All Materials:

Site ID:	176908
Operable Unit ID:	846149
Operable Unit:	01
Material ID:	529990
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A4 **NATIONAL PHOTOCOLOR CORP** **NY Spills** **S108129613**
SW **428 WAVERLY AVE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.013 mi.
71 ft. **Site 4 of 6 in cluster A**

Relative:
Higher

Actual:
26 ft.

SPILLS:

Name:	NATIONAL PHOTOCOLOR CORP
Address:	428 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY 10543
Spill Number/Closed Date:	0605141 / 2006-08-04
Facility ID:	0605141

NATIONAL PHOTOCOLOR CORP (Continued) **S108129613**

Facility Type:	ER
DER Facility ID:	318192
Site ID:	368253
DEC Region:	3
Spill Cause:	Other
Spill Class:	C3
SWIS:	6032
Spill Date:	2006-08-03
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2006-08-03
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	2006-08-04
Cleanup Meets Std:	True
Last Inspection:	2006-08-03
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-08-03
Spill Record Last Update:	2006-08-04
Spiller Name:	ALLEN STERN
Spiller Company:	NATIONAL PHOTOCOLOR
Spiller Address:	428 WAVERLY AVE
Spiller Company:	001
Contact Name:	ALLEN STERN
DEC Memo:	"08/03/04 Fire broke out in a chemical storage cabinet. Acetates and nitrocellulose were in the cabinet along with a container of muriatic acid which spilled. Westchester County Hazmat and WCHD reps responded and entered the building after the fire was extinguished to inventory the contents of the cabinet. The owner hired Castlton Environmental Contractors for the cleanup and overpacking the chemicals. NFA TG"
Remarks:	"FIRE IN BUILDING AND SOME MURIATIC ACID SPILLED: SMOKE DAMAGE; DEC WAS ON SCENE AND HEALTH DEPT"

A5 **C & S AUTO REPAIR** **NY Spills** **S105142000**
WSW **427 WAVERLY AVE** **N/A**
< 1/8 **MAMARONECK, NY**
0.013 mi.
71 ft. **Site 5 of 6 in cluster A**

Relative: SPILLS:
Higher

Actual:
26 ft.

Name:	C & S AUTO REPAIR
Address:	427 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0105951 / 2001-10-15
Facility ID:	0105951
Facility Type:	ER
DER Facility ID:	97938
Site ID:	112076
DEC Region:	3
Spill Cause:	Deliberate
Spill Class:	D6
SWIS:	6032
Spill Date:	2001-09-04
Investigator:	WCHD

C & S AUTO REPAIR (Continued) **S105142000**

Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2001-09-04
CID:	205
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-09-04
Spill Record Last Update:	2002-06-05
Spiller Name:	OWNER
Spiller Company:	C & S AUTO REPAIR
Spiller Address:	427 WAVERLY AVE
Spiller Company:	001
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCDOH 10/15/01 PBS INSPECTION SHOWED NO EVIDENCE OF DUMPING. NFA REQUIRED BY WCHD (BARBARA McDONALD)"
Remarks:	"CALLER REPORTS DUMPING OF FLUIDS INTO DRAINS AT PROPERTY."

All Materials:

Site ID:	112076
Operable Unit ID:	842990
Operable Unit:	01
Material ID:	530839
Material Code:	0043A
Material Name:	antifreeze
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	112076
Operable Unit ID:	842990
Operable Unit:	01
Material ID:	530838
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	112076
Operable Unit ID:	842990
Operable Unit:	01
Material ID:	530837
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported

C & S AUTO REPAIR (Continued) **S105142000**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A6 **STREET** **NY Spills** **S106002628**
SW **436 WAVERLY AVE** **N/A**
< 1/8 **MAMARONECK, NY**
0.022 mi.
118 ft. **Site 6 of 6 in cluster A**

Relative:
Higher

Actual:
26 ft.

SPILLS:

Name:	STREET
Address:	436 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0200468 / 2005-02-27
Facility ID:	0200468
Facility Type:	ER
DER Facility ID:	202933
Site ID:	247151
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	6032
Spill Date:	2002-04-13
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	2002-04-13
CID:	257
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-04-13
Spill Record Last Update:	2005-02-27
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	DISP HUGHES
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 2/27/05 spill to street--close "
Remarks:	"spill is in the street and fire dept is cleaning up "

All Materials:

Site ID:	247151
Operable Unit ID:	851457
Operable Unit:	01
Material ID:	521910
Material Code:	0008
Material Name:	diesel

STREET (Continued) **S106002628**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B7 **M. ARGUESO CO. INC.** **NY LTANKS** **S102109010**
WSW **441 WAVERLY AVE** **NY Spills** **N/A**
< 1/8 **MAMARONECK, NY**
0.028 mi.
147 ft. **Site 1 of 5 in cluster B**

Relative: **Higher**
Actual: **26 ft.**

LTANKS:

Name:	M. ARGUESO CO. INC.
Address:	441 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	8707761 / 1988-04-22
Facility ID:	8707761
Site ID:	82354
Spill Date:	1987-12-09
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1988-04-18
SWIS:	6032
Investigator:	jeokesso
Referred To:	Not reported
Reported to Dept:	1987-12-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1988-04-18
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-12-09
Spill Record Last Update:	1988-04-22
Spiller Name:	Not reported
Spiller Company:	M. ARGUESO CO. INC.
Spiller Address:	HENRY MUSCHIO
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	122411
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON 04/18/88: AS PER NAT MOSER: PASSED RETEST ON 3K SYSTEM. NEW PIPING IN PLACE. 8K TO BE RETESTED TOMMORROW. TANK PASSED, NEW PIPING INSTALLED,SYSTEM TO BE TESTED. N.F.A. J.OK. "
Remarks:	"3K TANK SYSTEM, UNREADABLE RATE DUE TO LEAK IN VENT PIPE. TO REPLACEVENT PIPE & RETEST 12/11/87. N.F.A. SEE UPDATE."

All TTF:

Facility ID:	8707761

M. ARGUESO CO. INC. (Continued) **S102109010**

Spill Number:	8707761
Spill Tank Test:	1532585
Site ID:	82354
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	82354
Operable Unit ID:	913441
Operable Unit:	01
Material ID:	463165
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	ROAD
Address:	441 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9309854 / 1994-01-03
Facility ID:	9309854
Facility Type:	ER
DER Facility ID:	122411
Site ID:	143533
DEC Region:	3
Spill Cause:	Traffic Accident
Spill Class:	C3
SWIS:	6032
Spill Date:	1993-11-15
Investigator:	MALONE
Referred To:	Not reported
Reported to Dept:	1993-11-15
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	1994-01-03
Cleanup Meets Std:	False
Last Inspection:	1993-11-15

M. ARGUESO CO. INC. (Continued) **S102109010**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-11-18
Spill Record Last Update:	1994-01-03
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"FUEL TANK RUPTURED SPILL CONTAINED ON PAVEMENT WCHD AND WC HAZMAT NOTIFIED NEED CONTRACTOR NAMES TO CLEAN UP SPILL SPOKE WITH ROBERT ARENS WCHD IS HANDLING"

All Materials:

Site ID:	143533
Operable Unit ID:	988912
Operable Unit:	01
Material ID:	392504
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	M. ARGUESO & CO.
Address:	441 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9105900 / 1991-10-01
Facility ID:	9105900
Facility Type:	ER
DER Facility ID:	122411
Site ID:	82355
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	6032
Spill Date:	1991-08-30
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	1991-08-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Health Department
Cleanup Ceased:	1991-08-30
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1991-09-06
Spill Record Last Update:	1991-10-01

M. ARGUESO CO. INC. (Continued) **S102109010**

Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"ON THE ROAD AND INTO THE STORM SEWER CARLOS TORRES ON SITE WAITING FOR EES TO ARIVE STORM SEWERS ARE CLOGGED SO ITS CONTAINED WCHD HANDLING"

All Materials:

Site ID:	82355
Operable Unit ID:	956406
Operable Unit:	01
Material ID:	421665
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	40.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	M. ARGUESSO MFG. CO.
Address:	441 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9203151 / 1992-06-26
Facility ID:	9203151
Facility Type:	ER
DER Facility ID:	122411
Site ID:	82356
DEC Region:	3
Spill Cause:	Traffic Accident
Spill Class:	C3
SWIS:	6032
Spill Date:	1992-06-16
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1992-06-16
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	1992-06-26
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-06-19
Spill Record Last Update:	1995-05-18
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported

M. ARGUESO CO. INC. (Continued) **S102109010**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "SADDLE TANK PUNCTURED FUEL IN CATCH BASIN IN FRONT OF SPILLER APPLIED BOOMS WEST.CO. HAZMAT ON SITE SPILLER TO CONTACT CONTRACTOR TO COMPLETE CLEANUP"

All Materials:
Site ID: 82356
Operable Unit ID: 970395
Operable Unit: 01
Material ID: 410968
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 150.00
Units: G
Recovered: .00
Oxygenate: Not reported

B8 **M ARGUESO & CO INC** **RCRA-SQG** **1008374479**
WSW **441 WAVERLY AVE** **NY MANIFEST** **NYR000132183**
< 1/8 **MAMARONECK, NY 10543**
0.028 mi.
147 ft. **Site 2 of 5 in cluster B**

Relative:
Higher

Actual:
26 ft.

RCRA-SQG:
Date form received by agency: 10/23/2007
Facility name: M ARGUESO & CO INC
Facility address: 441 WAVERLY AVE
MAMARONECK, NY 10543
EPA ID: NYR000132183
Mailing address: WAVERLY AVE
MAMARONECK, NY 10543
Contact: GREG HAYES
Contact address: WAVERLY AVE
MAMARONECK, NY 10543
Contact country: US
Contact telephone: 914-760-5012
Contact email: Not reported
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

M ARGUESO & CO INC (Continued) **1008374479**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/22/2007
Site name: M ARGUESO & CO INC
Classification: Small Quantity Generator

Date form received by agency: 01/01/2006
Site name: M ARGUESO & CO INC
Classification: Small Quantity Generator

Date form received by agency: 05/19/2005
Site name: M ARGUESO & CO INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

M ARGUESO & CO INC (Continued) **1008374479**

MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

NY MANIFEST:
Name: M ARGUESO COMPANY LLC
Address: 441 WAVERLY AVE
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYR000132183
Facility Status: Not reported
Location Address 1: 441 WAVERLY AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000132183
Mailing Name: M ARGUESO COMPANY LLC
Mailing Contact: GRAGORY HAYES
Mailing Address 1: 2817 MCCRACKEN ST
Mailing Address 2: Not reported
Mailing City: MUSKEGON
Mailing State: MI
Mailing Zip: 49441
Mailing Zip 4: 3420
Mailing Country: USA
Mailing Phone: 9146988500

NY MANIFEST:
Document ID: NYG1921086
Manifest Status: Not reported
seq: Not reported
Year: 2005
Trans1 State ID: NYD982792814
Trans2 State ID: Not reported
Generator Ship Date: 06/02/2005
Trans1 Recv Date: 06/02/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/06/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000132183
Trans1 EPA ID: AD76284
Trans2 EPA ID: Not reported

M ARGUESO & CO INC (Continued) **1008374479**

TSDF ID 1:	IND000646943
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

B9 **FORMER M. ARGUESO AND CO., INC-OFF-SITE** **NY BROWNFIELDS** **S117535346**
WSW **441-442 WAVERLY AVENUE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.028 mi.
147 ft. **Site 3 of 5 in cluster B**

Relative: **Higher**

Actual: **26 ft.**

BROWNFIELDS:

Name:	FORMER M. ARGUESO AND CO., INC-OFF-SITE
Address:	441-442 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Program:	BCP
Site Code:	489470
Acres:	Not reported
HW Code:	C360108A
SWIS:	6032
Town:	Mamaroneck
Record Added Date:	11/27/2013
Record Updated Date:	07/19/2018
Update By:	AMOMOROG
Site Description:	Location: This site is the off-site component of the Former Argueso and Co., Inc. site (C360108) located on 441, 442, 501 and 513 Waverly Avenue, Mamaroneck, Westchester County. The off-site portion (C360108A) is the immediate surrounding properties located in an urban area adjacent to the main site. Site Features: The on-site properties are located on opposite sides of Waverly Avenue. The site features were two buildings and parking areas. The building at 442 Waverly was demolished in 2010. The off-site component is comprised

FORMER M. ARGUESO AND CO., INC-OFF-SITE (Continued) **S117535346**

of immediately-surrounding properties. Current Zoning and Uses: The surrounding properties are zoned for commercial use. The properties are used for parking lots, commercial establishments, and a residential lot. Past Use of the Site: The M. Argueso and Co., Inc. purchased the on-site properties sometime between 1930s and 1960s and were used for wax refining and manufacturing. Wax manufacturing ceased in 2005, and the site (all 4 properties) was purchased by New Waverly Avenue Associates in 2006. Site Geology and Hydrogeology: The soils at the site include urban fill overlying sands. The fill was observed from 3.5 to 9 feet in thickness. Groundwater is between 2.3 feet and 9 feet below the ground surface and flows generally northeast to northwest.

Env Problem: Based upon investigations conducted at the on-site area (C360108), the primary contaminants of concern are petroleum, volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs). On-Site Soil - Soil samples did not contain levels exceeding 6 NYCRR Part 375 commercial use soil cleanup objectives (SCOs) on either property, but slightly exceed the SCOs for groundwater protection for the VOCs butylbenzene (12 ppm), sec-butylbenzene (11 ppm), tert-butylbenzene (5.9 ppm), and propylbenzene (3.9 ppm) with maximum values of 81 ppm, 99 ppm, 16 ppm, 68 ppm, respectively. Metals concentrations were below the commercial use SCOs. On-Site Groundwater - Contaminants impacting the on-site groundwater are VOCs. The groundwater monitoring wells are screened in the shallow and deeper portion of the sand aquifer. The deep groundwater contains higher levels of VOCs with a significant fraction of chlorinated VOCs. The primary groundwater contaminants of concern with their maximum values are tetrachloroethene (9,700 ppb), trichlorothene (730 ppb), cis-1,2 dichloroethene (780 ppb), and n-propylbenzene (280 ppb). The chlorinated solvent source appears to be the former loading dock area near monitoring well MW GZ-23. There was a former stormwater catch basin at the loading dock which may have acted as a migration pathway into the groundwater from spills during loading and unloading at the facility (former 442 Waverly building). A Fish and Wildlife Impact Analysis (FWIA) was not performed on-site due to the surrounding urban area and lack of potential receptors at or near the site. Off-Site Groundwater - Contaminants impacting the off-site groundwater are VOCs. The off-site groundwater monitoring wells OSMW-3 and OSMW-4 are located immediately upgradient of the site at 524 Waverly Avenue. The off-site wells have been monitored since 2012. The primary groundwater contaminants of concern with their maximum values are tetrachloroethene (3,400 ppb), trichloroethene (1,000 ppb), cis-1,2 dichloroethene (220 ppb), trans-1,2 dichloroethene (28 ppb), 1,2-dichloroethane (4.7 ppb), and benzene (45 ppb).

Health Problem: Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported

FORMER M. ARGUESO AND CO., INC-OFF-SITE (Continued) **S117535346**

Record Add:	2016-03-09 10:20:00
Record Upd:	2016-03-09 10:20:00
Updated By:	DRLANNER
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

B10 **ARGUESO CO. INC** **NY LTANKS** **S100139751**
WSW **441 WOVERLY AVE** **N/A**
< 1/8 **MAMARONECK, NY**
0.028 mi.
147 ft. **Site 4 of 5 in cluster B**

Relative:
Higher

Actual:
26 ft.

LTANKS:

Name:	ARGUESO CO. INC
Address:	441 WOVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	8707876 / 1987-12-14
Facility ID:	8707876
Site ID:	231887
Spill Date:	1987-12-11
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1987-12-14
SWIS:	6032
Investigator:	jeokesso
Referred To:	Not reported
Reported to Dept:	1987-12-11
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1987-12-14
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-12-22
Spill Record Last Update:	1988-02-12
Spiller Name:	HENERY MASHKIO
Spiller Company:	ARGUESO CO
Spiller Address:	HENRY ARGUESO
Spiller County:	001

ARGUESO CO. INC (Continued) **S100139751**

Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	191084
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON / / : 8K -.118. / / : . "
Remarks:	"8K -.118GPH TO EXC.ISL. & RET. NOTE: SAME AS # 877761 N.F.A. J.O'K."

All TTF:

Facility ID:	8707876
Spill Number:	8707876
Spill Tank Test:	1532638
Site ID:	231887
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	231887
Operable Unit ID:	913515
Operable Unit:	01
Material ID:	463281
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

B11 **FORMER M. ARGUESO AND COMPANY, INC.** **NY UST** **U003994704**
SW **442 WAVERLY AVENUE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.029 mi.
153 ft. **Site 5 of 5 in cluster B**

Relative: Higher
Actual: 26 ft.

WESTCHESTER CO. UST:

Name:	FORMER M. ARGUESO AND COMPANY, INC.
Address:	442 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-049948 / Unregulated
Operator Name:	Thomas Milo
Owner Name:	Thomas Milo
Owner Street:	566 Westchester Avenue
Owner Address2:	Not reported

FORMER M. ARGUESO AND COMPANY, INC. (Continued) **U003994704**

Owner City:	Rye Brook
Owner State:	NY
Owner Zipcode:	10573
GDS Number:	Not reported
Tank Number:	01
Status:	3. Closed - Removed
Capacity:	1000
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	100
Tank Leak Detection:	Not reported
Date Installation:	01/01/1960
Date Perm Closure:	10/13/2010
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	2. Underground/on ground
Piping Type:	Not reported
Piping External Protection:	Not reported
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	Not reported
Tank Number:	L
Status:	3. Closed - Removed
Capacity:	8000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	06/01/1958
Date Perm Closure:	07/01/1996
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	4. Fiberglass
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction
Tank Number:	MA1
Status:	3. Closed - Removed
Capacity:	8000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	Not reported
Date Installation:	10/01/1995
Date Perm Closure:	08/01/2009

FORMER M. ARGUESO AND COMPANY, INC. (Continued) **U003994704**

Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	3. Aboveground/underground combination
Piping Type:	Not reported
Piping External Protection:	0. None
Overfill Prevention:	1. Float Vent Valve
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	S
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1946
Date Perm Closure:	07/01/1996
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	4. Fiberglass
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

C12 **J.A. JACKSON CORP.** **NY UST** **U003949619**
WNW **430 CENTER AVENUE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.050 mi.
264 ft. **Site 1 of 5 in cluster C**

Relative: WESTCHESTER CO. UST:
Higher

Name:	J.A. JACKSON CORP.
Address:	430 CENTER AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-800063 / Unregulated: <1101 gal. PBS
Operator Name:	Not reported
Owner Name:	James A. Jackson
Owner Street:	430 Center Avenue
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10549
GDS Number:	Not reported

Actual:
27 ft.

Tank Number:	001
Status:	1. In-Service
Capacity:	500

J.A. JACKSON CORP. (Continued) **U003949619**

Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1900
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on Ground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	002
Status:	1. In-Service
Capacity:	500
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1900
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on Ground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	003
Status:	1. In-Service
Capacity:	1000
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1900
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on Ground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	0. None

J.A. JACKSON CORP. (Continued) **U003949619**

Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

D13 **CON EDISON** **NJ MANIFEST** **S120673222**
NE **WAVERLY AVE & FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.056 mi.
296 ft. **Site 1 of 9 in cluster D**

Relative:
Lower

Actual:
24 ft.

NJ MANIFEST:

EPA Id:	NYP004799318
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014469254JJK
EPA ID:	NYP004799318
Date Shipped:	6/25/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD006982359
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported

CON EDISON (Continued) **S120673222**

Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

D14 **CON EDISON** **RCRA NonGen / NLR** **1019904546**
NE **WAVERLY AVE & FENIMORE RD** **NYP004799318**
< 1/8 **MAMARONECK, NY 10543**
0.056 mi.
296 ft. **Site 2 of 9 in cluster D**

Relative: **Lower**

Actual: **24 ft.**

RCRA NonGen / NLR:

Date form received by agency:	06/25/2015
Facility name:	CON EDISON
Facility address:	WAVERLY AVE & FENIMORE RD MAMARONECK, NY 10543
EPA ID:	NYP004799318
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

CON EDISON (Continued) **1019904546**

Historical Generators:
Date form received by agency: 06/25/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

D15
NE
< 1/8
0.056 mi.
296 ft.

CON EDISON MANHOLE: 655 **RCRA NonGen / NLR** **1016969228**
FENIMORE RD & WAVERLY AVE **NY MANIFEST** **NYP004428819**
MAMARONECK, NY 10543

Site 3 of 9 in cluster D

Relative:
Lower

Actual:
24 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/28/2014
Facility name: CON EDISON MANHOLE: 655
Facility address: FENIMORE RD & WAVERLY AVE
MAMARONECK, NY 10543
EPA ID: NYP004428819
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/29/2014
Site name: CON EDISON MANHOLE: 655
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Name: CON ED
Address: FENIMORE RD & WAVERLY AVE

CON EDISON MANHOLE: 655 (Continued) **1016969228**

City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004428819
Facility Status:	Not reported
Location Address 1:	FENIMORE ROAD & WAVERLY AV
Code:	BP
Location Address 2:	ENUE
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004428819
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	01/30/2014
Trans1 Recv Date:	01/30/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/06/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004428819
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	011697534JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported

CON EDISON MANHOLE: 655 (Continued) **1016969228**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	4436
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	D008
Waste Code 1_3:	B007
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

D16 **CON EDISON - OTHER - SPECIFY WAVERLYUNI** **RCRA NonGen / NLR** **1010325595**
NE **WAVERLY ST & FENIMORE AVE** **NY MANIFEST** **NYP004129599**
< 1/8 **MAMARONECK, NY 10543**
0.056 mi.
296 ft. **Site 4 of 9 in cluster D**

Relative: **Lower**
Actual: **24 ft.**

RCRA NonGen / NLR:

Date form received by agency:	02/23/2006
Facility name:	CON EDISON - OTHER - SPECIFY WAVERLYUNI
Facility address:	WAVERLY ST & FENIMORE AVE MAMARONECK, NY 10543
EPA ID:	NYP004129599
Mailing address:	4 IRVING PLACE NEW YORK, NY 10003
Contact:	FRANKLIN MURRAY
Contact address:	4 IRVING PLACE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-2808
Contact email:	MURRAYFR@CONED.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	4 IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner

CON EDISON - OTHER - SPECIFY WAVERLYUNI (Continued) **1010325595**

Owner/Op start date: 03/15/2005
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/15/2005
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/22/2006
Site name: CON EDISON - OTHER - SPECIFY WAVERLYUNI
Classification: Not a generator, verified

Date form received by agency: 02/21/2006
Site name: CON EDISON - OTHER - SPECIFY WAVERLYUNI
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: B002
. Waste name: Petroleum oil or other liquid containing 50 ppm or greater of PCBs, but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.

Violation Status: No violations found

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: WAVERLY ST & FENIMORE AVE
City,State,Zip: MAMARONECK, NY 10543

CON EDISON - OTHER - SPECIFY WAVERLYUNI (Continued) **1010325595**

Country:	USA
EPA ID:	NYP004129599
Facility Status:	Not reported
Location Address 1:	125 WEAVERLY AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004129599
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	Franklin Murray
Mailing Address 1:	4 IRVING PL RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	NYE1292166
Manifest Status:	Not reported
seq:	Not reported
Year:	2005
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	03/15/2005
Trans1 Recv Date:	03/15/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/16/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004129599
Trans1 EPA ID:	46110JM
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980593636
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Waste Code:	Not reported

CON EDISON - OTHER - SPECIFY WAVERLYUNI (Continued) **1010325595**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	09445
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

D17 **CON EDISON MANHOLE 902** **RCRA NonGen / NLR** **1015746619**
NE **WAVERLY AVE & FENIMORE AVE** **NJ MANIFEST** **NYP004246106**
< 1/8 **MAMARONECK, NY 10543** **NY MANIFEST**
0.056 mi.
296 ft. **Site 5 of 9 in cluster D**

Relative: **Lower**

Actual: **24 ft.**

RCRA NonGen / NLR:

Date form received by agency:	01/30/2012
Facility name:	CON EDISON MANHOLE 902
Facility address:	WAVERLY AVE & FENIMORE AVE MAMARONECK, NY 10543
EPA ID:	NYP004246106
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	DENNIS ROHRER
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	914-925-6219
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

CON EDISON MANHOLE 902 (Continued) **1015746619**

Historical Generators:
Date form received by agency: 12/31/2011
Site name: CON EDISON MANHOLE 902
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id:	NYP004246106
Mail Address:	4 IRVING PL, RM 828
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	DENNIS ROHRER
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	001128505GBF
EPA ID:	NYP004246106
Date Shipped:	12/31/2011
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported

CON EDISON MANHOLE 902 (Continued) **1015746619**

Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D008
Hand Code:	H141
Quantity:	200.00 gallons

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	WAVERLY AVE & FENIMORE AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004246106
Facility Status:	Not reported
Location Address 1:	FENIMORE RD & WAVERLY AVE
Code:	BP
Location Address 2:	MH #902- JOB#02-02050-469
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004246106
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	CONSOLIDATED EDISON
Mailing Address 1:	4 IRVING PLACE ROOM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2011
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	12/31/2011
Trans1 Recv Date:	12/31/2011
Trans2 Recv Date:	01/06/2012

CON EDISON MANHOLE 902 (Continued) **1015746619**

TSD Site Recv Date:	01/06/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004246106
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	001128505GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	4.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

D18 **CON EDISON** **NY MANIFEST** **S119076120**
NE **WAVERLY AVE & FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.056 mi.
296 ft. **Site 6 of 9 in cluster D**

Relative: **Lower**
Actual: **24 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	WAVERLY AVE & FENIMORE RD
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004799318
Facility Status:	Not reported
Location Address 1:	WAVERLY AV & FENEMORE AV
Code:	BP

CON EDISON (Continued) **S119076120**

Location Address 2:	MH # 902
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004799318
Mailing Name:	CON EDISON
Mailing Contact:	TOM TELLING
Mailing Address 1:	4 IRVING PLACE-15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	06/25/2015
Trans1 Recv Date:	06/25/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/26/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004799318
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014469254JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	150

CON EDISON (Continued) **S119076120**

Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

D19 **AT CORNER OF** **NY Spills** **S111065289**
NE **WAVERLY AVE AND FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY**
0.056 mi.
296 ft. **Site 7 of 9 in cluster D**

Relative: **Lower**

Actual: **24 ft.**

SPILLS:

Name:	AT CORNER OF
Address:	WAVERLY AVE AND FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1103446 / 2011-06-27
Facility ID:	1103446
Facility Type:	ER
DER Facility ID:	405548
Site ID:	451010
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6032
Spill Date:	2011-06-27
Investigator:	dxweitz
Referred To:	Not reported
Reported to Dept:	2011-06-27
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-06-27
Spill Record Last Update:	2011-07-06
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ERT
DEC Memo:	"6/27/11 Con Ed says it was a leaking aerial cable, which would normally be replaced. They can't clean it up immediately, because of

AT CORNER OF (Continued) **S111065289**

the location of the leak. Normally, it would be switched out with a duplicate cable, but that one is being worked on, and will take a week. There will be personnel there, and leakage is minimal so spill can be closed. NFA dw "

Remarks: "4 oz on ashphalt - cleanup pending"

All Materials:

Site ID:	451010
Operable Unit ID:	1201209
Operable Unit:	01
Material ID:	2197706
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.04
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

E20 **BACKLOT OF BUILDING** **NY Spills** **S108636193**
North **610 FENIMORE AVE** **N/A**
< 1/8 **MAMARONECK, NY**
0.056 mi.
297 ft. **Site 1 of 5 in cluster E**

Relative: **Lower**

Actual: **24 ft.**

SPILLS:

Name:	BACKLOT OF BUILDING
Address:	610 FENIMORE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0700580 / 2007-09-05
Facility ID:	0700580
Facility Type:	ER
DER Facility ID:	329430
Site ID:	379942
DEC Region:	3
Spill Cause:	Other
Spill Class:	C3
SWIS:	6032
Spill Date:	2007-04-16
Investigator:	jbodee
Referred To:	WCDOH
Reported to Dept:	2007-04-16
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	2007-04-16
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-04-16
Spill Record Last Update:	2007-09-10
Spiller Name:	PAUL CARDILLO
Spiller Company:	BACKLOT OF BUILDING

BACKLOT OF BUILDING (Continued) **S108636193**

Spiller Address: 610 FENIMORE AVE
Spiller Company: 001
Contact Name: BRAIN MALEY
DEC Memo: ""
Remarks: "NOT YET CLEANED; HAVE PUT OUT ABSORBANT PADS AND ARE CALLING AROUND FOR A VAC TRUCK ;"

All Materials:
Site ID: 379942
Operable Unit ID: 1137436
Operable Unit: 01
Material ID: 2127389
Material Code: 0010
Material Name: hydraulic oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

C21 **EXOTIC CUSTOM COLLISION** **RCRA NonGen / NLR** **1000411396**
NW **417 CENTER AVE** **FINDS** **NYD982718264**
< 1/8 **MAMARONECK, NY 10543** **ECHO**
0.056 mi. **NY MANIFEST**
297 ft. **Site 2 of 5 in cluster C**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: EXOTIC CUSTOM COLLISION
Facility address: 417 CENTER AVE
MAMARONECK, NY 10543
EPA ID: NYD982718264
Mailing address: CENTER AVE
MAMARONECK, NY 10543
Contact: Not reported
Contact address: CENTER AVE
MAMARONECK, NY 10543
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: UNKNOWN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported

EXOTIC CUSTOM COLLISION (Continued) **1000411396**

Owner/Op end date: Not reported

Owner/operator name: UNKNOWN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: EXOTIC CUSTOM COLLISION
Classification: Not a generator, verified

Date form received by agency: 04/27/1995
Site name: EXOTIC CUSTOM COLLISION
Classification: Not a generator, verified

Date form received by agency: 12/08/1988
Site name: EXOTIC CUSTOM COLLISION
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL

EXOTIC CUSTOM COLLISION (Continued) **1000411396**

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004426087

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000411396
Registry ID: 110004426087
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004426087

NY MANIFEST:
Name: EXOTIC CUSTOM COLLISION
Address: 417 CENTER AVE
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYD982718264
Facility Status: Not reported
Location Address 1: 417 CENTER AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD982718264
Mailing Name: EXOTIC CUSTOM COLLISION

EXOTIC CUSTOM COLLISION (Continued) **1000411396**

Mailing Contact:	EXOTIC CUSTOM COLLISION
Mailing Address 1:	417 CENTER AVE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9143816400

NY MANIFEST:

Document ID:	MAM1601000
Manifest Status:	Not reported
seq:	01
Year:	2002
Trans1 State ID:	P298709IL
Trans2 State ID:	Not reported
Generator Ship Date:	10/28/2002
Trans1 Recv Date:	10/28/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/31/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982718264
Trans1 EPA ID:	NJD080631369
Trans2 EPA ID:	Not reported
TSDF ID 1:	MAD053452637
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

C22 **VINCENT GARAGE INCORPORATED** **NY MANIFEST** **S117562552**
NW **425 CENTER AVE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.057 mi.
299 ft. **Site 3 of 5 in cluster C**

Relative:
Higher

Actual:
28 ft.

NY MANIFEST:

Name:	VINCENT GARAGE INCORPORATED
Address:	425 CENTER AVE
City,State,Zip:	MAMARONECK, NY 10543-2203
Country:	USA
EPA ID:	NYD981181845
Facility Status:	Not reported
Location Address 1:	636 FENIMORE ROAD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMRONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD981181845
Mailing Name:	VINCENT GARAGE INCORPORATED
Mailing Contact:	VINCENT GARAGE INCORPORATED
Mailing Address 1:	636 FENIMORE ROAD
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146982544

NY MANIFEST:

Document ID:	NJA0840928
Manifest Status:	K
seq:	Not reported
Year:	1990
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	01/04/1990
Trans1 Recv Date:	01/04/1990
Trans2 Recv Date:	/ /
TSD Site Recv Date:	01/05/1990
Part A Recv Date:	02/22/1990
Part B Recv Date:	01/16/1990
Generator EPA ID:	NYD981181845
Trans1 EPA ID:	NJD980787147
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002454544
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported

VINCENT GARAGE INCORPORATED (Continued) **S117562552**

Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F005 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00125
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

C23 **VINCENT AUTO BODY, INC.** **NY UST** **U003949924**
NW **425 CENTER AVENUE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.057 mi.
299 ft. **Site 4 of 5 in cluster C**

Relative: **Higher**
Actual: **28 ft.**

WESTCHESTER CO. UST:

Name:	VINCENT AUTO BODY, INC.
Address:	425 CENTER AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-800062 / Unregulated: <1101 gal. PBS
Operator Name:	Vincent Paniccia
Owner Name:	Vincent Paniccia
Owner Street:	40 Brae Burn Drive
Owner Address2:	Not reported
Owner City:	Purchase
Owner State:	NY
Owner Zipcode:	10577
GDS Number:	Not reported
Tank Number:	1
Status:	1. In-Service
Capacity:	1000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1988
Date Perm Closure:	Not reported
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron

VINCENT AUTO BODY, INC. (Continued) **U003949924**

Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	2
Status:	1. In-Service
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1998
Date Perm Closure:	Not reported
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	3
Status:	1. In-Service
Capacity:	500
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	10/01/2002
Date Perm Closure:	Not reported
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

C24 **VINCENT GARAGE INC** **RCRA NonGen / NLR** **1000168825**
NW **425 CENTER AVE** **NYD981181845**
< 1/8 **MAMARONECK, NY 10543**
0.057 mi.
299 ft. **Site 5 of 5 in cluster C**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	VINCENT GARAGE INC
Facility address:	425 CENTER AVE MAMARONECK, NY 10543-2203
EPA ID:	NYD981181845
Mailing address:	CENTER AVE MAMARONECK, NY 10543
Contact:	MICHAEL LUNGARIELLO
Contact address:	CENTER AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-698-2544
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	VINCENT PANICCIA
Owner/operator address:	40 BRAE BURN DR PURCHASE, NY 10577
Owner/operator country:	US
Owner/operator telephone:	914-997-8939
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	VINCENT PANICCIA
Owner/operator address:	40 BRAE BURN DR PURCHASE, NY 10577
Owner/operator country:	US
Owner/operator telephone:	914-997-8939
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

VINCENT GARAGE INC (Continued) **1000168825**

On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Site name:	VINCENT GARAGE INC
Classification:	Not a generator, verified
Date form received by agency:	11/04/1998
Site name:	VINCENT GARAGE INC
Classification:	Small Quantity Generator

Hazardous Waste Summary:

. Waste code:	D001
. Waste name:	IGNITABLE WASTE

Violation Status: No violations found

D25 **IN STREET** **NY Spills** **S108763736**
NNE **603 FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY**
0.059 mi.
313 ft. **Site 8 of 9 in cluster D**

Relative: **Lower**

Actual: **23 ft.**

SPILLS:

Name:	IN STREET
Address:	603 FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0705591 / 2007-08-15
Facility ID:	0705591
Facility Type:	ER
DER Facility ID:	335326
Site ID:	385928
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6032
Spill Date:	2007-08-15
Investigator:	mbmastro
Referred To:	Not reported
Reported to Dept:	2007-08-15
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

IN STREET (Continued) **S108763736**

Remediation Phase:	0
Date Entered In Computer:	2007-08-15
Spill Record Last Update:	2007-09-20
Spiller Name:	ERTSDESK
Spiller Company:	Not reported
Spiller Address:	603 FENIMORE RD
Spiller Company:	001
Contact Name:	ERTSDESK
DEC Memo:	"NFA."
Remarks:	"1.5 PINTS RELEASED; CLEAN UPPENDING CREW AVAILABILITY; REF #207589;"

All Materials:

Site ID:	385928
Operable Unit ID:	1143187
Operable Unit:	01
Material ID:	2133460
Material Code:	0020B
Material Name:	cable oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

D26 **CON EDISON - MANHOLE 443** **RCRA-LQG 1016451600**
NNE **605 FENIMORE RD** **FINDS NYP004306965**
< 1/8 **MAMARONECK, NY 10543** **ECHO**
0.059 mi. **NY MANIFEST**
314 ft. **Site 9 of 9 in cluster D**

Relative: **Lower**

Actual: **23 ft.**

RCRA-LQG:

Date form received by agency:	03/27/2014
Facility name:	CON EDISON - MANHOLE 443
Facility address:	605 FENIMORE RD MAMARONECK, NY 10543
EPA ID:	NYP004306965
Mailing address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact:	DENNIS HUACON
Contact address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-2757
Contact email:	HUACOND@CONED.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

CON EDISON - MANHOLE 443 (Continued) **1016451600**

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/02/2013
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	05/02/2013
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	05/02/2013
Site name:	CON EDISON MANHOLE: 443
Classification:	Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D008

CON EDISON - MANHOLE 443 (Continued) **1016451600**

. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110056327746

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016451600
Registry ID:	110056327746
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110056327746

NY MANIFEST:

Name:	CON EDISON
Address:	605 FENIMORE RD
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004306965
Facility Status:	Not reported
Location Address 1:	605 FENIMORE RD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004306965
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

CON EDISON - MANHOLE 443 (Continued) **1016451600**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	05/02/2013
Trans1 Recv Date:	05/02/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/02/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004306965
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	010842781JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	5000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

E27 **DELVITO** **NY LTANKS** **S100139326**
North **CENTRE** **N/A**
< 1/8 **MAMARONECK, NY**
0.061 mi.
323 ft. **Site 2 of 5 in cluster E**

Relative:
Higher

Actual:
25 ft.

LTANKS:

Name:	DELVITO
Address:	CENTRE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	8703256 / 1988-04-06
Facility ID:	8703256
Site ID:	169644
Spill Date:	1987-07-22
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1988-04-06
SWIS:	6032
Investigator:	dxtraver
Referred To:	Not reported
Reported to Dept:	1987-07-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-07-30
Spill Record Last Update:	1988-04-06
Spiller Name:	Not reported
Spiller Company:	JOHN DELVITO
Spiller Address:	SAME
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	142818
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TRAVER "
Remarks:	""

All Materials:

Site ID:	169644
Operable Unit ID:	907198
Operable Unit:	01
Material ID:	469511
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

F28 **CAMOTONE INC** **RCRA NonGen / NLR** **1000343076**
ENE **520 FENIMORE RD** **FINDS** **NYD000818575**
< 1/8 **MAMARONECK, NY 10543** **ECHO**
0.067 mi.
354 ft. **Site 1 of 11 in cluster F**

Relative:
Higher

Actual:
26 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	CAMOTONE INC
Facility address:	520 FENIMORE RD MAMARONECK, NY 10543-2313
EPA ID:	NYD000818575
Mailing address:	HALSTEAD AVE MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	HALSTEAD AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	H AVER-J-CAMERON-P MERLIN-S RIEGER
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	H AVER-J-CAMERON-P MERLIN-S RIEGER
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No

CAMOTONE INC (Continued) **1000343076**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: CAMOTONE INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: CAMOTONE INC
Classification: Not a generator, verified

Date form received by agency: 08/15/1980
Site name: CAMOTONE INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/16/1985
Date achieved compliance: 04/11/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/08/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

CAMOTONE INC (Continued) **1000343076**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/16/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/11/1986
Evaluation lead agency: State

FINDS:

Registry ID: 110001587220

Environmental Interest/Information System
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000343076
Registry ID: 110001587220
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001587220

E29
NNW
< 1/8
0.069 mi.
365 ft.

DISCOUNT AUTOMOTIVE SERVICE INC **RCRA NonGen / NLR** **1000180534**
624 FENIMORE RD **NYD981877830**
MAMARONECK, NY 10543

Site 3 of 5 in cluster E

Relative:
Higher

Actual:
26 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: DISCOUNT AUTOMOTIVE SERVICE INC
Facility address: 624 FENIMORE RD
MAMARONECK, NY 10543-2309
EPA ID: NYD981877830
Mailing address: FENIMORE RD
MAMARONECK, NY 10543
Contact: Not reported
Contact address: FENIMORE RD
MAMARONECK, NY 10543
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GEORGE P SHIPE

DISCOUNT AUTOMOTIVE SERVICE INC (Continued) **1000180534**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GEORGE P SHIPE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: DISCOUNT AUTOMOTIVE SERVICE INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: DISCOUNT AUTOMOTIVE SERVICE INC
Classification: Not a generator, verified

Date form received by agency: 02/27/1987
Site name: DISCOUNT AUTOMOTIVE SERVICE INC
Classification: Large Quantity Generator

DISCOUNT AUTOMOTIVE SERVICE INC (Continued) **1000180534**

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

E30 **624 FENIMORE AVENUE** **NY SHWS S100491509**
NNW **624 FENIMORE AVENUE** **NY Spills N/A**
< 1/8 **MAMARONECK, NY 10543**
0.069 mi.
365 ft. **Site 4 of 5 in cluster E**

Relative:
Higher

Actual:
26 ft.

SHWS:
Name: 624 FENIMORE AVENUE
Address: 624 FENIMORE AVENUE
City,State,Zip: MAMARONECK, NY 10543-
Program: HW
Site Code: 58474
Classification: P
Region: 3
Acres: Not reported
HW Code: 360045
Record Add: 11/18/1999
Record Upd: 02/21/2018
Updated By: GWHEITZM
Site Description: Location The site is located in an industrial area on the corner of Fenimore Ave. and Center Street. Site Features On the site there is a single story metal and masonry block building which covers most of the site. Past Use of the Site The last known use of the facility (as of 1993) was an automotive repair shop. The property was foreclosed upon. A tank removal and environmental assessment was performed at the site which revealed contaminated groundwater. However, it is not clear whether the contamination is site-related.
Env Problem: Soils and groundwater at the site have been contaminated with volatile organic compounds and metals. An environmental assessment found contaminated groundwater in the monitoring wells and contaminated soil in unlined pits inside the facility. Groundwater contained TCE at up to 440 ppb and PCE at up to 510 ppb. Soil contained PCE at up to 1700 ppb, lead at up to 6200 ppm, and chromium at up to 700 ppm. However, it appears that groundwater is contaminated at the upgradient boundary of the site, suggesting an off-site source of solvent contamination.
Health Problem: As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported

624 FENIMORE AVENUE (Continued) **S100491509**

Own Op:	Owner
Sub Type:	NNN
Owner Name:	Francesco Stoia
Owner Company:	N/A
Owner Address:	2 Pleasant Manor Dr
Owner Addr2:	Not reported
Owner City,St,Zip:	Thornwood, NY 10594
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

SPILLS:

Name:	VACANT BUILDING
Address:	624 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9205488 / 2010-03-24
Facility ID:	9205488
Facility Type:	ER
DER Facility ID:	163133
Site ID:	195816
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6032
Spill Date:	1992-08-04
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1992-08-12
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	2003-12-02
Spill Record Last Update:	2010-03-24
Spiller Name:	Not reported
Spiller Company:	CITY & SUB.SAVINGS BANK
Spiller Address:	3 EXECUTIVE BLVD.
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"DISCOVERED SOIL IN TANK EXCAVATION TODD GHIOSAY HAS BEEN ON SITE"

624 FENIMORE AVENUE (Continued) **S100491509**

All Materials:

Site ID:	195816
Operable Unit ID:	972882
Operable Unit:	01
Material ID:	409696
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

F31 **FENIMORE RD AND** **NY Spills** **S106017806**
ENE **RAILROAD WAY** **N/A**
< 1/8 **MAMARONECK, NY**
0.072 mi.
378 ft. **Site 2 of 11 in cluster F**

Relative: **Higher**
Actual: **26 ft.**

SPILLS:

Name:	FENIMORE RD AND
Address:	RAILROAD WAY
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0305891 / 2003-09-04
Facility ID:	0305891
Facility Type:	ER
DER Facility ID:	69176
Site ID:	73499
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	6032
Spill Date:	2003-09-04
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2003-09-04
CID:	270
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Health Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-09-04
Spill Record Last Update:	2003-09-04
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD - JACKSON "

FENIMORE RD AND (Continued) **S106017806**

Remarks: "police dept noticed an odor and found spill. all cleaned up"

All Materials:

Site ID:	73499
Operable Unit ID:	874459
Operable Unit:	01
Material ID:	503127
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	20.00
Oxygenate:	Not reported

G32 **ENZO AUTO BODY INC** **RCRA-VSQG** **1004762832**
NNW **632 FENIMORE RD** **FINDS** **NYR000100925**
< 1/8 **MAMARONECK, NY 10543** **ECHO**
0.072 mi. **NY MANIFEST**
382 ft. **Site 1 of 8 in cluster G**

Relative:
Higher

Actual:
26 ft.

RCRA-VSQG:

Date form received by agency:	01/01/2007
Facility name:	ENZO AUTO BODY INC
Facility address:	632 FENIMORE RD MAMARONECK, NY 10543
EPA ID:	NYR000100925
Mailing address:	FENIMORE RD MAMARONECK, NY 10543
Contact:	FRANCESCO STOIA
Contact address:	FENIMORE RD MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-381-5151
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	FRANCESCO STOIA
Owner/operator address:	632 FENIMORE RD

ENZO AUTO BODY INC (Continued) **1004762832**

MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-381-5151
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: FRANCESCO STOIA
Owner/operator address: 632 FENIMORE RD
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-381-5151
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: ENZO AUTO BODY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/02/2001
Site name: ENZO AUTO BODY INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003

ENZO AUTO BODY INC (Continued) **1004762832**

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/25/2016
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110012241957

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004762832
Registry ID: 110012241957
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012241957

NY MANIFEST:
Name: ENZO AUTO BODY
Address: 632 FENIMORE RD
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYR000100925

ENZO AUTO BODY INC (Continued) **1004762832**

Facility Status:	Not reported
Location Address 1:	632 FENIMORE RD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000100925
Mailing Name:	ENZO AUTO BODY
Mailing Contact:	ENZO STOIA
Mailing Address 1:	632 FENIMORE RD
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9143815151

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJR000063677
Trans2 State ID:	PAR000524041
Generator Ship Date:	09/30/2015
Trans1 Recv Date:	09/30/2015
Trans2 Recv Date:	10/01/2015
TSD Site Recv Date:	10/01/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000100925
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	RID040098352
TSDF ID 2:	Not reported
Manifest Tracking Number:	015029337JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

ENZO AUTO BODY INC (Continued) **1004762832**

Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	60
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

E33
North
< 1/8
0.074 mi.
389 ft.

CENTRE AUTO REPAIR
621 FENIMORE RD
MAMARONECK, NY 10543

Site 5 of 5 in cluster E

EDR Hist Auto **1021244025**
N/A

Relative:
Higher

Actual:
26 ft.

EDR Hist Auto

Year:	Name:	Type:
1969	CENTRE AUTO REPAIR	General Automotive Repair Shops
1970	CENTRE AUTO REPAIR	General Automotive Repair Shops
1971	CENTRE AUTO REPAIR	General Automotive Repair Shops
1972	CENTRE AUTO REPAIR	General Automotive Repair Shops
1973	CENTRE AUTO REPAIR	General Automotive Repair Shops
1974	CENTRE AUTO REPAIR	General Automotive Repair Shops
1975	CENTRE AUTO REPAIR	General Automotive Repair Shops
1976	CENTRE AUTO REPAIR	General Automotive Repair Shops
1996	P & M TRANSMISSION CENTRE	Automotive Transmission Repair Shops
1997	P & M TRANSMISSION CENTRE	Automotive Transmission Repair Shops
1998	P & M TRANSMISSION CENTRE	Automotive Transmission Repair Shops
1999	P & M TRANSMISSION CENTRE	Automotive Transmission Repair Shops
2000	P & M TRANSMISSION CENTRE	Automotive Transmission Repair Shops
2001	P & M TRANSMISSION CENTRE	Automotive Transmission Repair Shops
2002	P & M TRANSMISSION CENTRE	Automotive Transmission Repair Shops
2003	P & M TRANSMISSION CENTRE	Automotive Transmission Repair Shops
2004	P & M TRANSMISSION CENTRE INC	Automotive Transmission Repair Shops
2005	P & M TRANSMISSION CENTRE INC	Automotive Transmission Repair Shops
2006	P & M TRANSMISSION CENTRE INC	Automotive Transmission Repair Shops
2007	P & M TRANSMISSION CENTRE INC	Automotive Transmission Repair Shops
2008	P & M TRANSMISSION CENTRE INC	Automotive Transmission Repair Shops

F34 **CON EDISON** **NY LTANKS** **S105997652**
ENE **545 FENIMORE ROAD** **NY MANIFEST** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.074 mi.
390 ft. **Site 3 of 11 in cluster F**

Relative: **Higher**

Actual: **25 ft.**

LTANKS:

Name:	THE MUSIC SCHOOL
Address:	545 FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0208722 / 2003-12-09
Facility ID:	0208722
Site ID:	200097
Spill Date:	2002-11-21
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2002-11-22
CID:	281
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-11-22
Spill Record Last Update:	2004-04-20
Spiller Name:	SAME
Spiller Company:	MR LEVINE
Spiller Address:	545 FENIMORE RD
Spiller County:	001
Spiller Contact:	MR LEVINE
Spiller Phone:	(914) 841-2625
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	166521
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-SCHNEIDER ALSO SPILL 02-09569. 12/09/03 TANK REMOVED. REFER TO SPILL 02-09569 FOR REMEDIATION. NFA THIS NUMBER. CLOSED BY WAYNE SCHNEIDER OF THE WESTCHESTER COUNTY HEALTH DEPARTMENT."
Remarks:	"TANK TEST FAILURE AT ABOVE LOCATION. PROPERTY OWNER HAS BEEN ADVISED OF THE TEST RESULTS."

All TTF:

Facility ID:	0208722
Spill Number:	0208722
Spill Tank Test:	1527749
Site ID:	200097
Tank Number:	1
Tank Size:	1500
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported

CON EDISON (Continued) **S105997652**

Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 200097
Operable Unit ID: 861907
Operable Unit: 01
Material ID: 515718
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: FIRST PACIFIC REALITY
Address: 545 FENIMORE RD
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0209569 / 2004-04-13
Facility ID: 0209569
Site ID: 200098
Spill Date: 2002-12-17
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 6032
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2002-12-17
CID: 390
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-12-17
Spill Record Last Update: 2004-04-20
Spiller Name: MR LEVINE
Spiller Company: FIRST PACIFIC REALITY
Spiller Address: 545 FENIMORE RD
Spiller County: 001
Spiller Contact: MR LEVINE
Spiller Phone: (914) 841-2625
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 166521
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was

CON EDISON (Continued) **S105997652**

WCHD - GRAZIOLI ALSO SPILL 02-08722. 04/20/04: Letter to Maria Elena Levine, First Pacific Realty Co., LLC, from Marc Grazioli, WCDOH dated 13Apr2004. Site closure report has been reviewed. Soil sample results satisfactory. Results of water samples from monitoring well are satisfactory. Groundwater sample was taken. Results satisfactory. WCDOH recommends NFA at this time."

Remarks: "underground storage tank failed - several hundred gallons in the ground - caller is on scene with the health department"

All Materials:

Site ID:	200098
Operable Unit ID:	862793
Operable Unit:	01
Material ID:	512989
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY MANIFEST:

Name:	CON EDISON
Address:	545 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004794533
Facility Status:	Not reported
Location Address 1:	FENIMORE RD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004794533
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported

CON EDISON (Continued) **S105997652**

Year:	2015
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	06/15/2015
Trans1 Recv Date:	06/15/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/15/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004794533
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002661163GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	18000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

F35 **CON EDISON** **NY MANIFEST** **S118091396**
ENE **545 FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.074 mi.
390 ft. **Site 4 of 11 in cluster F**

Relative:
Higher

Actual:
25 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	545 FENIMORE RD
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004795522
Facility Status:	Not reported
Location Address 1:	545 FENIMORE RD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004795522
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	06/17/2015
Trans1 Recv Date:	06/17/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/17/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004795522
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014469221JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S118091396**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2345
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

F36 **FIRST PACIFIC REALTY CO, LLC** **NY UST** **U003994532**
ENE **545 FENIMORE ROAD** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.074 mi.
390 ft. **Site 5 of 11 in cluster F**

Relative: **Higher**
Actual: **25 ft.**

WESTCHESTER CO. UST:

Name:	FIRST PACIFIC REALTY CO, LLC
Address:	545 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-497339 / Unregulated: <1101 gal. PBS
Operator Name:	Maria Elena Levine
Owner Name:	First Pacific Realty Co
Owner Street:	PO BOX 1002
Owner Address2:	Not reported
Owner City:	Rye
Owner State:	NY
Owner Zipcode:	10580
GDS Number:	Not reported
Tank Number:	1
Status:	3. Closed - Removed
Capacity:	1500
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	04/01/1987
Date Perm Closure:	04/01/2004
Tank Location:	5. Underground including vaulted with no access for inspection

FIRST PACIFIC REALTY CO, LLC (Continued) **U003994532**

Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	10. Copper
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

F37 **CON EDISON** **RCRA NonGen / NLR** **1019325111**
ENE **545 FENIMORE RD** **NYP004795522**
< 1/8 **MAMARONECK, NY 10543**
0.074 mi.
390 ft. **Site 6 of 11 in cluster F**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:

Date form received by agency:	02/05/2016
Facility name:	CON EDISON
Site name:	CON EDISON - MANHOLE 655
Facility address:	545 FENIMORE RD MAMARONECK, NY 10543
EPA ID:	NYP004795522
Mailing address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact:	THERESA BURKARD
Contact address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-2262
Contact email:	BURKARDT@CONED.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/17/2015
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported

CON EDISON (Continued) **1019325111**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/17/2015
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/17/2015
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 06/17/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D008
Waste name: LEAD
Amount (Lbs): 19463.5

Violation Status: No violations found

F38 **CON EDISON** **NJ MANIFEST** **S120672902**
ENE **545 FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.074 mi.
390 ft. **Site 7 of 11 in cluster F**

Relative:
Higher

Actual:
25 ft.

NJ MANIFEST:

EPA Id:	NYP004795522
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014469221JJK
EPA ID:	NYP004795522
Date Shipped:	6/17/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120672902**

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

EPA Id: NYP004794533
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY119
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002661163GBF
EPA ID: NYP004794533
Date Shipped: 6/15/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported

CON EDISON (Continued) **S120672902**

Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

G39 **VINCENT SERVICE STATION, INC** **NY UST U003995039**
NNW **636 FENIMORE ROAD** **NY AST N/A**
< 1/8 **MAMARONECK, NY 10543**
0.074 mi.
391 ft. **Site 2 of 8 in cluster G**

Relative: **Higher**
Actual: **26 ft.**

WESTCHESTER CO. UST:

Name:	VINCENT SERVICE STATION, INC
Address:	636 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-037885 / Active
Operator Name:	Anthony Paniccia
Owner Name:	Anthony Paniccia
Owner Street:	7 Quincy Lane
Owner Address2:	Not reported
Owner City:	White Plains
Owner State:	NY
Owner Zipcode:	10605
GDS Number:	3553200166
Tank Number:	011A
Status:	1. In-Service
Capacity:	8000
Product Stored:	0008. Diesel
Product Stored Percent:	0
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	10/01/2008
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	3. Fiberglass liner (FRP)
Tank External Protection:	4. Fiberglass
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	6. Fiberglass Reinforced Plastic (FRP)
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible
Tank Number:	011B
Status:	1. In-Service
Capacity:	4000
Product Stored:	0009. Gasoline
Product Stored Percent:	0

VINCENT SERVICE STATION, INC (Continued) **U003995039**

Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	10/01/2008
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	3. Fiberglass liner (FRP)
Tank External Protection:	4. Fiberglass
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	6. Fiberglass Reinforced Plastic (FRP)
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible

Tank Number:	1
Status:	3. Closed - Removed
Capacity:	4000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	01/01/1982
Date Perm Closure:	10/22/2008
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	Not reported
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible

Tank Number:	10
Status:	1. In-Service
Capacity:	10000
Product Stored:	0009. Gasoline
Product Stored Percent:	0
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	10/01/2008
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	3. Fiberglass liner (FRP)
Tank External Protection:	4. Fiberglass
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	6. Fiberglass Reinforced Plastic (FRP)
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	4. Double-Walled (underground only)

VINCENT SERVICE STATION, INC (Continued) **U003995039**

Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible

Tank Number:	2
Status:	3. Closed - Removed
Capacity:	4000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	01/01/1982
Date Perm Closure:	10/22/2008
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	Not reported
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible

Tank Number:	3
Status:	3. Closed - Removed
Capacity:	4000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	01/01/1982
Date Perm Closure:	10/22/2008
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	Not reported
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible

Tank Number:	4
Status:	3. Closed - Removed
Capacity:	2000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	01/01/1982
Date Perm Closure:	10/22/2008
Tank Location:	5. Underground including vaulted with no access for inspection

VINCENT SERVICE STATION, INC (Continued) **U003995039**

Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	Not reported
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible

Tank Number:	5
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1982
Date Perm Closure:	10/06/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	4. Fiberglass coated steel
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	3. Gravity

Tank Number:	6
Status:	3. Closed - Removed
Capacity:	1000
Product Stored:	0012. Kerosene
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1982
Date Perm Closure:	10/22/2008
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

VINCENT SERVICE STATION, INC (Continued) **U003995039**

Tank Number:	7
Status:	3. Closed - Removed
Capacity:	1000
Product Stored:	0012. Kerosene
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1982
Date Perm Closure:	10/22/2008
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	8
Status:	1. In-Service
Capacity:	550
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	10/01/1998
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	3. Fiberglass liner (FRP)
Tank External Protection:	4. Fiberglass
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	0. No Piping
Piping Type:	0. No Piping
Piping External Protection:	0. None
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	0. None
Spill Prevention:	1. Catch Basin
Dispenser:	3. Gravity

WESTCHESTER CO. AST:

Name:	VINCENT SERVICE STATION, INC
Address:	636 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY 10543
PBS Number:	3-037885
Site Status:	Active
GDS Number:	3553200166
Operator Name:	Anthony Paniccia
Owner Name:	Anthony Paniccia
Owner Street:	7 Quincy Lane
Owner Address2:	Not reported
Owner City/State/Zip:	White Plains, NY 10605

Tank Number:	12

VINCENT SERVICE STATION, INC (Continued) **U003995039**

Status:	0. Administratively closed
Date Installation:	05/01/2010
Capacity:	275
Product Stored:	0015. Motor Oil
Product Stored Percent:	0
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	9. Urethane
Tank Leak Detection:	0. None
Tank Secondary Containment:	9. Modified double-walled (aboveground only)
Piping Location:	0. No Piping
Piping Type:	Not reported
Piping External Protection:	Not reported
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	9
Status:	1. In-Service
Date Installation:	10/01/1998
Capacity:	275
Product Stored:	0015. Motor Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	1. Diking (aboveground only),10. Impervious Underlayment (AST Only)
Piping Location:	0. No Piping
Piping Type:	0. No Piping
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	2. High Level Alarm
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

G40 **C & S SERVICE STATION** **EDR Hist Auto** **1020264408**
NNW **636 FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.074 mi.
391 ft. **Site 3 of 8 in cluster G**

Relative: EDR Hist Auto
Higher

Actual: **26 ft.**

Year:	Name:	Type:
1969	C & S SERVICE STATION	Gasoline Service Stations
1970	C & S SERVICE STATION	Gasoline Service Stations
1971	C & S SERVICE STATION	Gasoline Service Stations
1972	C & S SERVICE STATION	Gasoline Service Stations
1973	C & S SERVICE STATION	Gasoline Service Stations

C & S SERVICE STATION (Continued) **1020264408**

1974	C & S SERVICE STATION	Gasoline Service Stations
1975	C & S SERVICE STATION	Gasoline Service Stations
1976	C & S SERVICE STATION	Gasoline Service Stations
1982	VINCENT GARAGE INC	Gasoline Service Stations
1982	QUADRINIS CUSTOM AUTO REPAIR*	Gasoline Service Stations
1983	QUADRINIS CUSTOM AUTO REPAIR*	Gasoline Service Stations
1983	VINCENT GARAGE INC	Gasoline Service Stations
1985	VINCENT GARAGE INC	Gasoline Service Stations
1986	VINCENT GARAGE INC	Gasoline Service Stations
1987	VINCENT GARAGE INC	Not reported
1988	VINCENT GARAGE INC	Not reported
1989	VINCENT GARAGE INC	Exterior Repair Services
1990	VINCENT GARAGE INC	Exterior Repair Services
1991	VINCENT GARAGE INC	Exterior Repair Services
1992	VINCENT GARAGE INC	Exterior Repair Services
1993	VINCENT GARAGE INC	Exterior Repair Services
1994	VINCENT GARAGE INC	Exterior Repair Services
1995	VINCENT GARAGE INC	Exterior Repair Services
1996	VINCENT GARAGE INC	Exterior Repair Services
1997	VINCENT GARAGE INC	Exterior Repair Services
1998	VINCENT GARAGE INC	Exterior Repair Services
1999	VINCENT GARAGE INC	Exterior Repair Services
2000	VINCENT GARAGE INC	Exterior Repair Services
2001	VINCENT GARAGE INC	Exterior Repair Services
2002	VINCENT GARAGE INC	Exterior Repair Services
2003	VINCENT GARAGE INC	Exterior Repair Services
2004	VINCENT SERVICE STATION INC	Towing Services
2004	VINCENT GARAGE INC	Exterior Repair Services
2005	VINCENT GARAGE INC	Exterior Repair Services
2005	VINCENT SERVICE STATION INC	Towing Services
2006	VINCENT GARAGE INC	Exterior Repair Services
2006	VINCENT SERVICE STATION INC	Towing Services
2007	VINCENT GARAGE INC	Exterior Repair Services
2007	VINCENT SERVICE STATION INC	Towing Services
2008	VINCENT SERVICE STATION INC	Towing Services
2008	VINCENT GARAGE INC	Exterior Repair Services
2009	VINCENT SERVICE STATION INC	Towing Services
2009	VINCENT GARAGE INC	Exterior Repair Services
2010	VINCENT SERVICE STATION INC	Towing Services
2010	VINCENT GARAGE INC	Exterior Repair Services
2011	VINCENT GARAGE INC	Exterior Repair Services
2011	VINCENT SERVICE STATION INC	Towing Services
2012	VINCENT SERVICE STATION INC	Towing Services
2012	VINCENT GARAGE INC	Exterior Repair Services
2013	VINCENT GARAGE INC	Exterior Repair Services
2013	VINCENT SERVICE STATION INC	General Automotive Repair Shops
2014	VINCENT GARAGE INC	Exterior Repair Services
2014	VINCENT SERVICE STATION INC	General Automotive Repair Shops

G41 **VINCENT GARAGE INC** **RCRA NonGen / NLR** **1004758180**
NNW **636 FENIMORE RD** **US AIRS** **NYD986985315**
< 1/8 **MAMARONECK, NY 10543**
0.074 mi.
391 ft. **Site 4 of 8 in cluster G**

Relative:
Higher

Actual:
26 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	VINCENT GARAGE INC
Facility address:	636 FENIMORE RD MAMARONECK, NY 10543
EPA ID:	NYD986985315
Mailing address:	FENIMORE RD MAMARONECK, NY 10543
Contact:	MICHAEL LUNGARIELLO
Contact address:	FENIMORE RD MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-698-2544
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	VINCENT PANICCIA
Owner/operator address:	636 FENIMORE RD MAMARONECK, NY 10543
Owner/operator country:	US
Owner/operator telephone:	914-698-2544
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	VINCENT PANICCIA
Owner/operator address:	636 FENIMORE RD MAMARONECK, NY 10543
Owner/operator country:	US
Owner/operator telephone:	914-698-2544
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

VINCENT GARAGE INC (Continued) **1004758180**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: VINCENT GARAGE INC
Classification: Not a generator, verified

Date form received by agency: 10/24/1995
Site name: VINCENT GARAGE INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

VINCENT GARAGE INC (Continued) **1004758180**

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

US AIRS MINOR:
Envid: 1004758180
Region Code: 02
Programmatic ID: AIR NY0000003553200166
Facility Registry ID: 110004482248
D and B Number: Not reported
Primary SIC Code: 7532
NAICS Code: 811121
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Envid: 1004758180
Region Code: 02
Programmatic ID: AIR NY0000003553200166
Facility Registry ID: 110004482248
D and B Number: Not reported
Primary SIC Code: 7532
NAICS Code: 811121
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

G42 **GAS STATION** **NY Spills** **S108638875**
NNW **636 FENIMORE ROAD** **N/A**
< 1/8 **MAMARONECK, NY**
0.074 mi.
391 ft. **Site 5 of 8 in cluster G**

Relative: **Higher**
Actual: **26 ft.**

SPILLS:
Name: GAS STATION
Address: 636 FENIMORE ROAD
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0704085 / 2008-10-06
Facility ID: 0704085
Facility Type: ER
DER Facility ID: 346786
Site ID: 384171
DEC Region: 3
Spill Cause: Other
Spill Class: C3
SWIS: 6032
Spill Date: 2007-07-11
Investigator: jbodee

GAS STATION (Continued) **S108638875**

Referred To:	Not reported
Reported to Dept:	2007-07-11
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-07-11
Spill Record Last Update:	2008-10-06
Spiller Name:	BRENDA CUMMINGS
Spiller Company:	GAS STATION
Spiller Address:	636 CENTAMORE ROAD
Spiller Company:	001
Contact Name:	BRENDA CUMMINGS
DEC Memo:	"Royal Enviro pulled tank. Contamination found. See spill 08-01435. jod"
Remarks:	"DURING GEO PORBES FOUND CONTAMINATED SOIL"

All Materials:

Site ID:	384171
Operable Unit ID:	1141481
Operable Unit:	01
Material ID:	2131694
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GAS STATION
Address:	636 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0801435 / Not Reported
Facility ID:	0801435
Facility Type:	ER
DER Facility ID:	346786
Site ID:	397357
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6032
Spill Date:	2008-05-06
Investigator:	BTRANSOM
Referred To:	WCDOH
Reported to Dept:	2008-05-06
CID:	444
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other

GAS STATION (Continued) **S108638875**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	4
Date Entered In Computer:	2008-05-06
Spill Record Last Update:	2019-06-26
Spiller Name:	BRENDA CUMMINGS
Spiller Company:	GAS STATION
Spiller Address:	636 FENEMORE ROAD
Spiller Company:	001
Contact Name:	BRENDA CUMMINGS
DEC Memo:	"5-6-08 Spoke with Terry. Tank pull at s/s. Two - 1K tanks were rremoved and contaminated soils were encountered. Terry says that she spoke with Joan at wchd and they will be on site tomorrow. JMcC 10/7/09 WCHD will follow up 2-5-14 Request FIR from WCHD,WC log states DEC lead. 2-18-14 call to Terry @ Royal, she will check her files and get back to me. RDB 2-18-14, also request a new FIR from WCHD, lastone was incorrect RDB 4-24-14 RP letter sent 04-28-14 Anthony Paniccia 914-698 5252, called and said he did not understand why spill remediattion did not occur. He believed he was waiting for the state(?) I asked him to submit his closure report and we would move it forward. RDB 05-14 calls from both Miller Env and Anthony P, waiting for call backs and data RDB 05-23-14 another call from Miller stating that they have no data on the site, he will contact owner and get back to me. RDB 04-15-15 workplan submitted to install borings/monitoring wells to assess soil and groundwater conditions RDB 04-16-15 workplan approved RDB 04-24-15, Workscope is complete and should have lab results back within 2 weeks for the soil samples. We are working on getting our crew out to develop the wells and then will collect gws. Due to a shallow refusal we were only able to install 3 wells. 06-15 report submitted; requested additional evaluation- RDB 07-15 injection proposed; 08-15 approved 10-1-15 report submitted- RDB 1-11-16 QMR submitted; responded and requested a new Table 1; RDB 1-11-16 Revised QMR rec'd RDB 12-12-17 email to American looking for status- RDB 7-19-18 APECCO sent 1st QMR for 2018 via email. 2nd QMR is drafted and will be sent shortly. BTR 7-23-18 met with APECCO last week, need latest report. RDB 08-28-18 reviewed 2nd QMR from APECCO. Numbers still high in MW-1. More injections may be needed. BTR 11-23-18 For your review I have attached the 3rd Quarterly Monitoring Report of 2018 for the Site associated with Spill #08-01435 located at 636 Fenimore Road in Mamaroneck. forwarded to BTR- RDB 2/13/19 Spoke with Mike Carr at APECCO regarding injection points on the site map that were not mentioned in the 4th qrt QMR received on 1/28/19. It appears that this was an outdated map where injection points were proposed but never recommended. Mike suggested that in the 1st qrt QMR of 2019 further remedial action will be recommended to the department. TJP 05/15/19 Reviewed 1st QMR 2019 and determined that a more aggressive remediation strategy is warranted. BTR to contact APECCO and request a work plan. BTR 06-26-19 Re-sent email to MCarr requesting contact info for the site owner. BTR"
Remarks:	""

All TTF:

Facility ID:	0801435
Spill Number:	0801435

GAS STATION (Continued) **S108638875**

Spill Tank Test:	2486035
Site ID:	397357
Tank Number:	Not reported
Tank Size:	1000
Material:	0009
EPA UST:	Not reported
UST:	True
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	397357
Operable Unit ID:	1154325
Operable Unit:	01
Material ID:	2145117
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G43 **CENTRE AUTO COLLISION INC** **NJ MANIFEST** **S108794012**
North **625 FENNIMORE ROAD** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.075 mi.
397 ft. **Site 6 of 8 in cluster G**

Relative:
Higher

Actual:
26 ft.

NJ MANIFEST:

EPA Id:	NYD981180516
Mail Address:	Not reported
Mail City/State/Zip:	Not reported
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	000020977VES
EPA ID:	NYD981180516

CENTRE AUTO COLLISION INC (Continued) **S108794012**

Date Shipped:	06/27/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/27/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/27/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F003
Hand Code:	H14
Quantity:	475 P

Manifest Number:	000160646VES
EPA ID:	NYD981180516
Date Shipped:	10/24/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported

CENTRE AUTO COLLISION INC (Continued) **S108794012**

Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/24/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/24/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	000721618VES
EPA ID:	NYD981180516
Date Shipped:	3/11/2016
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported

CENTRE AUTO COLLISION INC (Continued) **S108794012**

Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

Manifest Number:	000623061VES
EPA ID:	NYD981180516
Date Shipped:	6/14/2013
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F003 D001 F005 D035
Hand Code:	Not reported

CENTRE AUTO COLLISION INC (Continued) **S108794012**

Quantity: 400.00 Pounds

Manifest Number: 000681801VES
EPA ID: NYD981180516
Date Shipped: 4/30/2012
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: Not reported
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F003 D001 F005 D035
Hand Code: Not reported
Quantity: 400.00 Pounds

Manifest Number: 000519072VES
EPA ID: NYD981180516
Date Shipped: 2/4/2011
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported

CENTRE AUTO COLLISION INC (Continued) **S108794012**

Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F003
Hand Code:	H141
Quantity:	400.00 Pounds

Manifest Number:	000182124VES
EPA ID:	NYD981180516
Date Shipped:	09/15/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/15/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported

CENTRE AUTO COLLISION INC (Continued) **S108794012**

Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/15/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F003
Hand Code:	H141
Quantity:	400 P

G44 **CENTRE AUTO COLLISION INC** **RCRA-VSQG** **1000419605**
North **625 FENIMORE RD** **US AIRS** **NYD981180516**
< 1/8 **MAMARONECK, NY 10543** **NY AIRS**
0.075 mi. **NY MANIFEST**
397 ft. **Site 7 of 8 in cluster G**

Relative:
Higher

Actual:
26 ft.

RCRA-VSQG:

Date form received by agency:	01/01/2007
Facility name:	CENTRE AUTO COLLISION INC
Facility address:	625 FENIMORE RD MAMARONECK, NY 10543-2310
EPA ID:	NYD981180516
Mailing address:	FENIMORE RD MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	FENIMORE RD MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time;

CENTRE AUTO COLLISION INC (Continued) **1000419605**

or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	PETER A RECCHIA JR
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	PETER A RECCHIA JR
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

CENTRE AUTO COLLISION INC (Continued) **1000419605**

Historical Generators:
Date form received by agency: 01/01/2006
Site name: CENTRE AUTO COLLISION INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Site name: CENTRE AUTO COLLISION INC
Classification: Not a generator, verified

Date form received by agency: 01/16/1986
Site name: CENTRE AUTO COLLISION INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 05/10/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US AIRS MINOR:
Envid: 1000419605
Region Code: 02
Programmatic ID: AIR NY0000003553200139
Facility Registry ID: 110004402021
D and B Number: Not reported
Primary SIC Code: 7532
NAICS Code: 811121
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000003553200139
Facility Registry ID: 110004402021
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-01-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

US AIRS MINOR:
Envid: 1000419605

CENTRE AUTO COLLISION INC (Continued) **1000419605**

Region Code: 02
Programmatic ID: AIR NY0000003553200139
Facility Registry ID: 110004402021
D and B Number: Not reported
Primary SIC Code: 7532
NAICS Code: 811121
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000003553200139
Facility Registry ID: 110004402021
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-01-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

AIRS:
Name: CENTRE AUTO COLLISION INC
Address: 625 FENIMORE RD
City: MAMARONECK
Permit Type: AFR
Permit Status: Issued
Issue Date: 02/02/2009
Expiration Date: Not reported
County Fips: Not reported
DEC Id: 3553200139
Emission Unit Id: Not reported
Process Id: Not reported
Contaminant Name/cas: Not reported
Epa Control Code: Not reported
Contol Eff: Not reported
Emissions: Not reported
Unit: Not reported
Auth Type Code: 2
Latitude: Not reported
Longitude: Not reported

NY MANIFEST:
Name: CENTRE AUTO COLLISION INC
Address: 625 FENIMORE RD
City,State,Zip: MAMARONECK, NY 10543-2310
Country: USA
EPA ID: NYD981180516
Facility Status: Not reported
Location Address 1: 625 FENIMORE ROAD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported

CENTRE AUTO COLLISION INC (Continued) **1000419605**

Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD981180516
Mailing Name: CENTRE AUTO COLLISION INC
Mailing Contact: CENTRE AUTO COLLISION INC
Mailing Address 1: 625 FENIMORE ROAD
Mailing Address 2: Not reported
Mailing City: MAMARONECK
Mailing State: NY
Mailing Zip: 10543
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9146988969

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2016
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 03/11/2016
Trans1 Recv Date: 03/11/2016
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/11/2016
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981180516
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD980536593
TSDF ID 2: Not reported
Manifest Tracking Number: 000721618VES
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 400
Units: P - Pounds
Number of Containers: 1

CENTRE AUTO COLLISION INC (Continued) **1000419605**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	F003
Waste Code 1_2:	D001
Waste Code 1_3:	Not reported
Waste Code 1_4:	F005
Waste Code 1_5:	D035
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

F45 **CON EDISON** **NY Spills** **S118460878**
ENE **525 FENIMORE RD FRONT OF** **NY MANIFEST** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.086 mi.
452 ft. **Site 8 of 11 in cluster F**

Relative: SPILLS:
Higher

Actual:
26 ft.

Name:	BUSINESS FIRST PACIFIC
Address:	525 FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1509803 / 2015-12-31
Facility ID:	1509803
Facility Type:	ER
DER Facility ID:	474739
Site ID:	520445
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	6032
Spill Date:	2015-12-31
Investigator:	DXWEITZ
Referred To:	Not reported
Reported to Dept:	2015-12-31
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-12-31
Spill Record Last Update:	2015-12-31
Spiller Name:	PAUL TERRACCIANO
Spiller Company:	ROBISON OIL
Spiller Address:	525 SENIMORE RD
Spiller Company:	999
Contact Name:	PAUL TERRACCIANO
DEC Memo:	"12/31/15 - Robison spilled approx. 1 gal on blacktop, while filling a 1K UST. When disconnecting hose after fill, the hose burped up some fuel oil. Driver has cleanup materials on hand and is in the process of cleaning this up. NFA dw"

CON EDISON (Continued) **S118460878**

Remarks: "contained to parking lot clean up in progress"

All Materials:
Site ID: 520445
Operable Unit ID: 1269487
Operable Unit: 01
Material ID: 2273529
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .03
Units: G
Recovered: Not reported
Oxygenate: Not reported

NY MANIFEST:
Name: CON EDISON
Address: 525 FENIMORE RD FRONT OF
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYP004798617
Facility Status: Not reported
Location Address 1: 525 FENIMORE ROAD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004798617
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 06/24/2015
Trans1 Recv Date: 06/24/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/24/2015

CON EDISON (Continued) **S118460878**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004798617
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014469345JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	9900
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	D008
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

F46 **CON EDISON** **NJ MANIFEST** **S120673164**
ENE **525 FENIMORE RD FRONT OF** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.086 mi.
452 ft. **Site 9 of 11 in cluster F**

Relative: NJ MANIFEST:
Higher

Actual: EPA Id:	NYP004798617
26 ft. Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119

CON EDISON (Continued) **S120673164**

Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014469345JJK
EPA ID:	NYP004798617
Date Shipped:	6/24/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

F47 **FENIMORE REALTY** **NY LTANKS** **S100492037**
ENE **525 FENIMORE ROAD** **N/A**
< 1/8 **MAMARONECK, NY**
0.086 mi.
452 ft. **Site 10 of 11 in cluster F**

Relative:
Higher

Actual:
26 ft.

LTANKS:

Name:	FENIMORE REALTY
Address:	525 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9209524 / 1992-11-23
Facility ID:	9209524
Site ID:	244278
Spill Date:	1992-11-16
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	1992-11-23
SWIS:	6032
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1992-11-16
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-11-20
Spill Record Last Update:	1995-03-25
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	200647
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 09/27/95: This is additional information about material spilled from the translation of the old spill file: TANK TEST."
Remarks:	"TO ISOLATE RETEST ON FRIDAY PETRO-TITE"

All TTF:

Facility ID:	9209524
Spill Number:	9209524
Spill Tank Test:	1540855
Site ID:	244278
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown

FENIMORE REALTY (Continued) **S100492037**

Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 244278
Operable Unit ID: 976122
Operable Unit: 01
Material ID: 406569
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

F48 **CON EDISON** **RCRA NonGen / NLR** **1019325149**
ENE **525 FENIMORE ROAD** **NYP004798617**
< 1/8 **MAMARONECK, NY 10543**
0.086 mi.
452 ft. **Site 11 of 11 in cluster F**

Relative:
Higher

Actual:
26 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/05/2016
Facility name: CON EDISON
Site name: CON EDISON - MANHOLE 655
Facility address: 525 FENIMORE ROAD
MAMARONECK, NY 10543
EPA ID: NYP004798617
Mailing address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact: THERESA BURKARD
Contact address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-2262
Contact email: BURKARDT@CONED.COM
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/24/2015

CON EDISON (Continued) **1019325149**

Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/24/2015
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/24/2015
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 06/24/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D008
Waste name: LEAD
Amount (Lbs): 9900

CON EDISON (Continued) **1019325149**

Violation Status: No violations found

G49 **POLE #W1** **NY Spills** **S104195220**
NNW **FAYETTE AVE/FENIMORE** **N/A**
< 1/8 **MAMARONECK, NY**
0.087 mi.
461 ft. **Site 8 of 8 in cluster G**

Relative:
Higher

Actual:
27 ft.

SPILLS:

Name:	POLE #W1
Address:	FAYETTE AVE/FENIMORE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9907310 / 1999-09-17
Facility ID:	9907310
Facility Type:	ER
DER Facility ID:	264317
Site ID:	328419
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6032
Spill Date:	1999-09-17
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1999-09-17
CID:	281
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-09-17
Spill Record Last Update:	1999-09-21
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	999
Contact Name:	RICHARD ROACH
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH "
Remarks:	"TRANSFORMER FAILURE AT ABOVE LOCATION. MATERIAL IS NON-PCB. CLEANUP IN PROGRESS AND ALL MATERIAL EXPECTED TO BE RECOVERED. CON EDISON #127885. NO CALL BACK REQUESTED."

All Materials:

Site ID:	328419
Operable Unit ID:	1081597
Operable Unit:	01
Material ID:	300007
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.00
Units:	G

POLE #W1 (Continued) **S104195220**

Recovered: 3.00
Oxygenate: Not reported

H50 **STORM SEWER** **NY Spills** **S122480652**
East **500 FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY**
0.096 mi.
506 ft. **Site 1 of 7 in cluster H**

Relative: **Higher**
Actual: **28 ft.**

SPILLS:

Name:	STORM SEWER
Address:	500 FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1803809 / 2018-07-09
Facility ID:	1803809
Facility Type:	ER
DER Facility ID:	361762
Site ID:	572485
DEC Region:	3
Spill Cause:	Deliberate
Spill Class:	E5
SWIS:	6032
Spill Date:	2018-07-09
Investigator:	KABROWNE
Referred To:	Not reported
Reported to Dept:	2018-07-09
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2018-07-09
Spill Record Last Update:	2018-07-09
Spiller Name:	ANONYMOUS
Spiller Company:	ARCTIC GLACIER
Spiller Address:	500 FENIMORE RD
Spiller Company:	999
Contact Name:	ANONYMOUS
DEC Memo:	"7/9/18 - Supposedly process water is being discharged to the storm drain for over ten years. Refer to DOW. NFA. KAB"
Remarks:	"The following information was received through the DEC website Report an Environmental Violation Online or sent directly by the complainant to an OPP dispatch mailbox: Who Did It: Arctic Glacier, the ice company at 500 Fenimore Road, Mamaroneck, NY, is discharging process water to the Storm Sewer. They do not have a permit, and the water may be contaminated . What Occurred: Process water is being discharged to storm sewer When Did It Occur: For last 10 years and ongoing County: Westchester Municipality: Mamaroneck Location Or Address: 500 fenimore road How Did It Occur: Already answered Additional Details: No other info, I currently work there. Very concerned about this issue Complainants Name: Complainants Phone: Complainants Email: Date of Submittal: 07/09/2018"

STORM SEWER (Continued) **S122480652**

All Materials:

Site ID:	572485
Operable Unit ID:	1320290
Operable Unit:	01
Material ID:	2328348
Material Code:	1531A
Material Name:	process water
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

H51 **ARCTIC GLACIER FACILITY -OUTDOOR AIR** **NY Spills** **S112227215**
East **500 FENEMORE RD** **N/A**
< 1/8 **MAMARONECK, NY**
0.096 mi.
506 ft. **Site 2 of 7 in cluster H**

Relative: **Higher**
Actual: **28 ft.**

SPILLS:

Name:	ARCTIC GLACIER FACILITY -OUTDOOR AIR
Address:	500 FENEMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1206737 / 2012-10-09
Facility ID:	1206737
Facility Type:	ER
DER Facility ID:	424047
Site ID:	469745
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6032
Spill Date:	2012-10-08
Investigator:	MBMASTRO
Referred To:	Not reported
Reported to Dept:	2012-10-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-10-08
Spill Record Last Update:	2012-10-09
Spiller Name:	Not reported
Spiller Company:	Arctic Glacier
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CARL PELLEGRINO
DEC Memo:	"10/9/12 Valve was leaking, standard procedure required employees to be evacuated, valve was tightened immediately, minor release to the

ARCTIC GLACIER FACILITY -OUTDOOR AIR (Continued) **S112227215**

air, nfa...mm"
Remarks: "LOOSE VALVE TO OUTDOOR AIR"

All Materials:
Site ID: 469745
Operable Unit ID: 1219639
Operable Unit: 01
Material ID: 2218168
Material Code: 9999
Material Name: other - ANHYDROUS AMMONIA
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

H52 **SAXSONY ICE** **NY Spills** **S109581970**
East **500 FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY**
0.096 mi.
506 ft. **Site 3 of 7 in cluster H**

Relative: **Higher**

Actual: **28 ft.**

SPILLS:
Name: SPILL NUMBER 0211756
Address: 500 FENIMORE ROAD
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0211756 / 2004-05-27
Facility ID: 0211756
Facility Type: ER
DER Facility ID: 163192
Site ID: 195884
DEC Region: 3
Spill Cause: Unknown
Spill Class: B1
SWIS: 6032
Spill Date: 2003-02-27
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2003-02-27
CID: 418
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Health Department
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-02-27
Spill Record Last Update: 2004-06-09
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: 480-500 OGDEN
Spiller Company: 001
Contact Name: WAYNE SCHNIEDER

SAXSONY ICE (Continued) **S109581970**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-SCHNEIDER 07/01/03: Letter to Martin Spatz from Wayne Schneider, WCDOH, dated 6/16/2003. Closure report has been reviewed. Water samples from monitoring well indicate contaminants above TAGM 4046 Groundwater Standard. Well water must be purged and sampled. Sampling must continue until contamination is consistently below groundwater standard. Passing tank test must be sumbitted to WCHD by 6/30/2003. 10/17/03: Letter to Martin Spatz from Wayne Schneider, WCDOH, dated 10/9/2003. Groundwater sampling dated 7/9/2003 by SITES Env. indicate levels below TAGM standards. Quarterly sampling is required until 4 consecutive samples are below TAGM. First set is due November 1, 2003 to WCDOH. Sample results must be submitted following each sampling event. 4/1/04: Letter to Martin Spatz from Wayne Schneider, WCDOH, dated 24Mar2004. Third round of quarterly groundwater sampling results have been reviewed. Results of fourth round of testing are due 24Jun2004. 6/1/04: Letter to Robert Wasp, P.E., Vice President, SITES from J. Carlos Torres, WCDOH dated 27May2004. Based on lab results submitted WCDOH recommends NFA at this time."

Remarks: "spill seems to be isolated in storm sewer manhole"

All Materials:

Site ID:	195884
Operable Unit ID:	865194
Operable Unit:	01
Material ID:	511541
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	SAXSONY ICE
Address:	500 FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0900633 / 2009-04-17
Facility ID:	0900633
Facility Type:	ER
DER Facility ID:	361762
Site ID:	412582
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6032
Spill Date:	2009-04-16
Investigator:	JKOMARA
Referred To:	Not reported
Reported to Dept:	2009-04-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported

SAXSONY ICE (Continued) **S109581970**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-04-17
Spill Record Last Update:	2009-04-17
Spiller Name:	Not reported
Spiller Company:	SASONY ICE
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CHRIS LALAK
DEC Memo:	"SPOKE TO CHRIS L. AT WCHD. J. O'MARA NOTIFIED EARLIER OF INCIDENT. DEC RESPONSE NOT NECESSARY. LEAK HAS SINCE STOIPPED AND DISSIPATED. AREA RESIDENTS SHELTERED IN PLACE VIA REVERSE 911. NFA DT 4/17/09 Building being vented Water pits saturated with NH3 will be pumped out. Sidwalk infront of the building will be off limits untill venting is complete. On 4/16 reverse 911 was used to advise a five block radius to shelter in place. JO'M"
Remarks:	"pipe failure casued release of unk amount of Amonia into air. John O'Mara is aware of incident."

All Materials:

Site ID:	412582
Operable Unit ID:	1169046
Operable Unit:	01
Material ID:	2160691
Material Code:	0025A
Material Name:	ammonia
Case No.:	07664417
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

H53 **CON EDISON** **NJ MANIFEST** **S120675326**
East **HOYT AVE & FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.100 mi.
527 ft. **Site 4 of 7 in cluster H**

Relative: **Higher**
Actual: **27 ft.**

NJ MANIFEST:

EPA Id:	NYP004822355
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

CON EDISON (Continued) **S120675326**

Manifest:

Manifest Number:	014472214JJK
EPA ID:	NYP004822355
Date Shipped:	8/12/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD006982359
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

H54 **CON EDISON** **NY MANIFEST** **S118258869**
East **HOYT AVE & FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.100 mi.
527 ft. **Site 5 of 7 in cluster H**

Relative: **Higher**

Actual: **27 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	HOYT AVE & FENIMORE RD
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004822355
Facility Status:	Not reported

CON EDISON (Continued) **S118258869**

Location Address 1:	HOYT AVE & FENIMORE RD
Code:	BP
Location Address 2:	VS 798
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004822355
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	08/12/2015
Trans1 Recv Date:	08/12/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/13/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004822355
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014472214JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

CON EDISON (Continued) **S118258869**

Waste Code:	Not reported
Quantity:	75
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

H55 **POLE 1A CON ED** **NY Spills** **S118141253**
East **HOYT AVE AND FENIMORE** **N/A**
< 1/8 **MAMARONECK, NY**
0.100 mi.
527 ft. **Site 6 of 7 in cluster H**

Relative: **Higher**

Actual: **27 ft.**

SPILLS:

Name:	POLE 1A CON ED
Address:	HOYT AVE AND FENIMORE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1504236 / 2015-07-29
Facility ID:	1504236
Facility Type:	ER
DER Facility ID:	465143
Site ID:	510570
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	6032
Spill Date:	2015-07-21
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2015-07-21
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Transformer
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-07-21
Spill Record Last Update:	2015-07-29
Spiller Name:	ERT
Spiller Company:	CON ED
Spiller Address:	HYOTT AVE AND SENIMORE
Spiller Company:	999
Contact Name:	ERT

POLE 1A CON ED (Continued) **S118141253**

DEC Memo: "7/21/15: Leaking transformer. Crew enroute to clean up and bag. Will call back when completed. cj 07/29/15 Excerpt from EMIS 241747/5: 07/23/2015 13:38 David Rodriguez - 01075 reports cleaned up using speedi dry which was placed in a plastic bag. Cleanup completed at 1200 hours. Enright, Thomas NFA. TG"
Remarks: "6 drops, ongoing drip. C/u pending"

All Materials:
Site ID: 510570
Operable Unit ID: 1259837
Operable Unit: 01
Material ID: 2263181
Material Code: 0541A
Material Name: dielectric fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

H56 **CON EDISON** **RCRA NonGen / NLR** **1019906553**
East **HOYT AVE & FENIMORE RD** **FINDS** **NYP004822355**
< 1/8 **MAMARONECK, NY 10543** **ECHO**
0.100 mi.
527 ft. **Site 7 of 7 in cluster H**

Relative: **Higher**
Actual: **27 ft.**

RCRA NonGen / NLR:
Date form received by agency: 08/12/2015
Facility name: CON EDISON
Facility address: HOYT AVE & FENIMORE RD
MAMARONECK, NY 10543
EPA ID: NYP004822355
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No

CON EDISON (Continued) **1019906553**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/12/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069659435

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1019906553
Registry ID: 110069659435
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069659435

I57 **MAJESTIC KITCHENS** **NY Spills** **S106007753**
NNW **700 FENIMORE RD** **N/A**
< 1/8 **MAMARONECK, NY**
0.106 mi.
558 ft. **Site 1 of 2 in cluster I**

Relative: Higher
Actual: 25 ft.

SPILLS:
Name: MAJESTIC KITCHENS
Address: 700 FENIMORE RD
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0206488 / 2002-10-24
Facility ID: 0206488
Facility Type: ER
DER Facility ID: 81658
Site ID: 89401
DEC Region: 3
Spill Cause: Unknown
Spill Class: B3
SWIS: 6032
Spill Date: 2002-09-23
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2002-09-23
CID: 281

MAJESTIC KITCHENS (Continued) **S106007753**

Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-09-23
Spill Record Last Update:	2003-08-05
Spiller Name:	BILL LUCENO
Spiller Company:	MAJESTIC KITCHENS
Spiller Address:	700 FENIMORE RD
Spiller Company:	001
Contact Name:	BRENDA CUMMINGS
DEC Memo:	""
Remarks:	"DURING TANK REMOVAL AT ABOVE LOCATION SOIL CONTAMINATION HAS BEEN DISCOVERED. CAUSE IS UNDER INVESTIGATION."

All Materials:

Site ID:	89401
Operable Unit ID:	858091
Operable Unit:	01
Material ID:	517093
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

I58 **MAJESTIC KITCHENS, INC.** **NY UST** **U003885594**
NNW **700 FENIMORE ROAD** **N/A**
< 1/8 **MAMARONECK (T), NY 10543**
0.106 mi.
558 ft. **Site 2 of 2 in cluster I**

Relative:
Higher

Actual:
25 ft.

WESTCHESTER CO. UST:

Name:	MAJESTIC KITCHENS, INC.
Address:	700 FENIMORE ROAD
City,State,Zip:	MAMARONECK (T), NY 10543
Id/Status:	3-800976 / Unregulated: <1101 gal. PBS
Operator Name:	Not reported
Owner Name:	Majestic Properties, Inc.
Owner Street:	700 Fenimore Road
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	Not reported
Tank Number:	1
Status:	3. Closed - Removed
Capacity:	3000

MAJESTIC KITCHENS, INC. (Continued) **U003885594**

Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	09/23/2002
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	1. Painted/Asphalt Coating
Overfill Prevention:	5. Vent Whistle
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

59
WNW
< 1/8
0.111 mi.
588 ft.

SEMICONDUCTOR PACKAGING
431 FAYETTE AVE
MAMARONECK, NY 10543

RCRA NonGen / NLR **1000446258**
FINDS **NYD986911782**
ECHO
NY MANIFEST

Relative:
Higher

Actual:
26 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	SEMICONDUCTOR PACKAGING
Facility address:	431 FAYETTE AVE MAMARONECK, NY 10543-2211
EPA ID:	NYD986911782
Mailing address:	FAYETTE AVE MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	FAYETTE AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SEMICONDUCTOR PACKAGING
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SEMICONDUCTOR PACKAGING

SEMICONDUCTOR PACKAGING (Continued) **1000446258**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: SEMICONDUCTOR PACKAGING
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: SEMICONDUCTOR PACKAGING
Classification: Not a generator, verified

Date form received by agency: 08/30/1990
Site name: SEMICONDUCTOR PACKAGING
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

SEMICONDUCTOR PACKAGING (Continued) **1000446258**

Violation Status: No violations found

FINDS:

Registry ID: 110004452299

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000446258
Registry ID:	110004452299
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004452299

NY MANIFEST:

Name:	SEMICONDUCTOR PACKAGING
Address:	431 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY 10543-2211
Country:	USA
EPA ID:	NYD986911782
Facility Status:	Not reported
Location Address 1:	431 FAYETTE AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986911782
Mailing Name:	SEMICONDUCTOR PACKAGING
Mailing Contact:	R HANAU
Mailing Address 1:	1 LABRIOLA CT
Mailing Address 2:	Not reported
Mailing City:	ARMONK
Mailing State:	NY
Mailing Zip:	10504
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146985355

NY MANIFEST:

Document ID:	NJA2708376
Manifest Status:	K
seq:	Not reported
Year:	1997

SEMICONDUCTOR PACKAGING (Continued) **1000446258**

Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	05/22/1997
Trans1 Recv Date:	05/22/1997
Trans2 Recv Date:	/ /
TSD Site Recv Date:	05/28/1997
Part A Recv Date:	06/10/1997
Part B Recv Date:	06/17/1997
Generator EPA ID:	NYD986911782
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002182897
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F001 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	02724
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	F001 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00361
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

J60 **POLE 19 INFRONT OF** **NY Spills** **S105141241**
NE **325 WAVERLY ROAD** **N/A**
< 1/8 **MAMARONECK, NY**
0.114 mi.
601 ft. **Site 1 of 5 in cluster J**

Relative: **Lower**

Actual: **21 ft.**

SPILLS:

Name:	POLE 19 INFRONT OF
Address:	325 WAVERLY ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0104835 / 2001-08-04
Facility ID:	0104835
Facility Type:	ER
DER Facility ID:	101508
Site ID:	116681
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6032
Spill Date:	2001-08-04
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-08-04
CID:	282
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-08-04
Spill Record Last Update:	2001-08-06
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PL
Spiller Company:	001
Contact Name:	STEVEN ROMERO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE "
Remarks:	"A OVERHEAD TRANSFORMER IS LEAKING AT A RATE OF 1 TO DROPS A MINUTE . THEY ARE CLEANING UP THE SPILL.CON ED 138691 "

All Materials:

Site ID:	116681
Operable Unit ID:	843349
Operable Unit:	01
Material ID:	533311
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

J61 **CON EDISON MANHOLE: 903** **RCRA NonGen / NLR** **1016677956**
NE **325 WAIVERLY AVE** **FINDS** **NYP004316394**
< 1/8 **MAMARONECK, NY 10543** **ECHO**
0.114 mi. **NY MANIFEST**
601 ft. **Site 2 of 5 in cluster J**

Relative:
Lower

Actual:
21 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/25/2013
Facility name:	CON EDISON MANHOLE: 903
Facility address:	325 WAIVERLY AVE MAMARONECK, NY 10543
EPA ID:	NYP004316394
Mailing address:	VING PL, RM 828 NEW YORK, NY 10003
Contact:	GINO FRABASILE
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	914-925-6219
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	05/25/2013
Site name:	CON EDISON MANHOLE: 903
Classification:	Conditionally Exempt Small Quantity Generator
Violation Status:	No violations found

FINDS:

Registry ID: 110058873438

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CON EDISON MANHOLE: 903 (Continued) **1016677956**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016677956
Registry ID:	110058873438
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110058873438

NY MANIFEST:

Name:	CON EDISON
Address:	325 WAIVERLY AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004316394
Facility Status:	Not reported
Location Address 1:	325 WAVERLY AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004316394
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	05/25/2013
Trans1 Recv Date:	05/25/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/28/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004316394
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported

CON EDISON MANHOLE: 903 (Continued) **1016677956**

Manifest Tracking Number:	007019089JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

K62 **ENZO AUTO BODY** **RCRA NonGen / NLR** **1000324096**
SW **519 WAVERLY ST** **FINDS** **NYD162402507**
< 1/8 **MAMARONECK, NY 10543** **ECHO**
0.114 mi. **NY MANIFEST**
603 ft. **Site 1 of 7 in cluster K**

Relative:
Higher

Actual:
29 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	ENZO AUTO BODY
Facility address:	519 WAVERLY ST MAMARONECK, NY 10543
EPA ID:	NYD162402507
Mailing address:	WAVERLY ST MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	WAVERLY ST MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator

ENZO AUTO BODY (Continued) **1000324096**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: FRANCESCO STOIA
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: FRANCESCO STOIA
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: ENZO AUTO BODY
Classification: Not a generator, verified

Date form received by agency: 07/14/1999
Site name: ENZO AUTO BODY
Classification: Small Quantity Generator

Date form received by agency: 03/07/1988

ENZO AUTO BODY (Continued) **1000324096**

Site name: ENZO AUTO BODY
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General

ENZO AUTO BODY (Continued) **1000324096**

Date violation determined: 01/14/1994
Date achieved compliance: 03/16/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/14/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 01/14/1994
Date achieved compliance: 03/16/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/14/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/16/1994
Evaluation lead agency: State

Evaluation date: 12/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 03/16/1994
Evaluation lead agency: State

FINDS:

Registry ID: 110004385175

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000324096

ENZO AUTO BODY (Continued) **1000324096**

Registry ID: 110004385175
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004385175

NY MANIFEST:
Name: ENXO AUTO BODY
Address: 519 WAVERLY ST
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYD162402507
Facility Status: Not reported
Location Address 1: 519 WAVERLY STREEET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD162402507
Mailing Name: ENXO AUTO BODY
Mailing Contact: ENXO AUTO BODY
Mailing Address 1: 632 FENIMORE ROAD
Mailing Address 2: Not reported
Mailing City: MAMARONECK
Mailing State: NY
Mailing Zip: 10543
Mailing Zip 4: 2309
Mailing Country: USA
Mailing Phone: 9143815151

NY MANIFEST:
Document ID: MAM1497420
Manifest Status: Not reported
seq: 01
Year: 2001
Trans1 State ID: P298709IL
Trans2 State ID: Not reported
Generator Ship Date: 09/26/2001
Trans1 Recv Date: 09/26/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/27/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD162402507
Trans1 EPA ID: NJD080631369
Trans2 EPA ID: Not reported
TSDF ID 1: MAD053452637
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported

ENZO AUTO BODY (Continued) **1000324096**

Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00165
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

K63 **CAS CAR IMPORTS LTD** **NY AST** **A100361866**
SW **519 WAVERLY AVENUE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.114 mi.
603 ft. **Site 2 of 7 in cluster K**

Relative: **Higher**

Actual: **29 ft.**

WESTCHESTER CO. AST:

Name:	CAS CAR IMPORTS LTD
Address:	519 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
PBS Number:	3-801794
Site Status:	Active
GDS Number:	Not reported
Operator Name:	Mario Castaldo
Owner Name:	Cas Car Imports Ltd
Owner Street:	519 Waverly Avenue
Owner Address2:	Not reported
Owner City/State/Zip:	Mamaroneck, NY 10543
Tank Number:	001
Status:	1. In-Service
Date Installation:	11/20/2011
Capacity:	275
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	0
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	1. Diking (aboveground only),10. Impervious Underlayment (AST Only)
Piping Location:	0. No Piping
Piping Type:	0. No Piping
Piping External Protection:	0. None
Piping Leak Detection:	0. None

CAS CAR IMPORTS LTD (Continued) **A100361866**

Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	Not reported

Tank Number:	002
Status:	1. In-Service
Date Installation:	11/20/2011
Capacity:	250
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	0
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	10. Impervious Underlayment (AST Only)
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	003
Status:	1. In-Service
Date Installation:	11/20/2011
Capacity:	250
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	0
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	10. Impervious Underlayment (AST Only)
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	0. None
Dispenser:	2. Suction

L64 **DIBICCARI RESIDENCE** **NY LTANKS** **S105996552**
WSW **509 CENTER AVE** **N/A**
< 1/8 **MAMARONECK, NY**
0.115 mi.
607 ft. **Site 1 of 5 in cluster L**

Relative: **Higher**

Actual: **28 ft.**

LTANKS:

Name:	DIBICCARI RESIDENCE
Address:	509 CENTER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0205266 / 2002-12-19
Facility ID:	0205266
Site ID:	146101
Spill Date:	2002-08-19
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2002-08-19
CID:	322
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-08-19
Spill Record Last Update:	2002-12-19
Spiller Name:	NICK DIBICCARI
Spiller Company:	Not reported
Spiller Address:	509 CENTER AVE
Spiller County:	001
Spiller Contact:	NICK DIBICCARI
Spiller Phone:	(914) 962-5141
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	124433
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 12/19/02 NETS DISPOSED OF TANK AND 15.33 TONS CONTAMIN SOIL"
Remarks:	"during tank removal (550 gal) contaminated soil found and large hole found in the tank "

All Materials:

Site ID:	146101
Operable Unit ID:	857989
Operable Unit:	01
Material ID:	519467
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K65 **BON TON FOODS, INC** **NY UST** **U004308544**
SW **521 WAVERLY AVE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.116 mi.
615 ft. **Site 3 of 7 in cluster K**

Relative: **Higher**

Actual: **29 ft.**

WESTCHESTER CO. UST:

Name:	BON TON FOODS, INC
Address:	521 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-025097 / Administratively Closed
Operator Name:	Owen Fleischhacker
Owner Name:	Owen Fleischhacker
Owner Street:	105 Norman Rd
Owner Address2:	Not reported
Owner City:	New Rochelle
Owner State:	NY
Owner Zipcode:	10805
GDS Number:	Not reported
Tank Number:	1
Status:	0. Administratively closed
Capacity:	1000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1900
Date Perm Closure:	03/01/1995
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction
Tank Number:	2
Status:	0. Administratively closed
Capacity:	1000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1900
Date Perm Closure:	03/01/1995
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None

BON TON FOODS, INC (Continued) **U004308544**

Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	3
Status:	0. Administratively closed
Capacity:	1000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1900
Date Perm Closure:	03/01/1995
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

K66 **SUBURBAN CARTING CORP.** **NY UST** **U003885193**
SW **524 WAVERLY AVENUE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.121 mi.
637 ft. **Site 4 of 7 in cluster K**

Relative: **Higher**
Actual: **28 ft.**

WESTCHESTER CO. UST:

Name:	SUBURBAN CARTING CORP.
Address:	524 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-176222 / Unregulated: <1101 gal. PBS
Operator Name:	TJ Milo
Owner Name:	306 Fayette Avenue Realty Inc.
Owner Street:	566 Westchester Avenue
Owner Address2:	Not reported
Owner City:	Rye Brook
Owner State:	NY
Owner Zipcode:	10573
GDS Number:	Not reported

Tank Number:	004
Status:	3. Closed - Removed
Capacity:	500
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	11/01/1998
Date Perm Closure:	12/01/2006
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	2. Rubber liner
Tank External Protection:	1. Painted/Asphalt Coating

SUBURBAN CARTING CORP. (Continued) **U003885193**

Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	005
Status:	3. Closed - Removed
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	11/01/1998
Date Perm Closure:	10/14/2005
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	2. Rubber liner
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	006
Status:	3. Closed - Removed
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	11/01/1998
Date Perm Closure:	10/14/2005
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	2. Rubber liner
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	007
Status:	3. Closed - Removed
Capacity:	950

SUBURBAN CARTING CORP. (Continued) **U003885193**

Product Stored:	9999. Other
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	11/01/1998
Date Perm Closure:	12/01/2006
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	1
Status:	3. Closed - Removed
Capacity:	6000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	11/01/1998
Date Perm Closure:	12/05/2006
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	2. Sacrificial Anode (no retrofit)
Tank Secondary Containment:	5. Synthetic Liner
Piping Location:	2. Underground/on ground
Piping Type:	2. Galvanized steel
Piping External Protection:	Not reported
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	10
Status:	3. Closed - Removed
Capacity:	275
Product Stored:	0015. Motor Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	11/01/1998
Date Perm Closure:	12/01/2007
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	Not reported
Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None

SUBURBAN CARTING CORP. (Continued) **U003885193**

Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

Tank Number: 11
Status: 3. Closed - Removed
Capacity: 275
Product Stored: 0022. Waste/Used Oil
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 11/01/1998
Date Perm Closure: 12/01/2007
Tank Location: Not reported
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Secondary Containment: Not reported
Piping Location: 0. No Pipiing
Piping Type: 0. No Pippping
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

Tank Number: 12
Status: 3. Closed - Removed
Capacity: 1000
Product Stored: 0009. Gasoline
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: Not reported
Date Perm Closure: 12/01/2006
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: Not reported
Piping Location: 2. Underground/on ground
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 0. None

Tank Number: 13
Status: 3. Closed - Removed
Capacity: 4000
Product Stored: 0009. Gasoline
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: Not reported

SUBURBAN CARTING CORP. (Continued) **U003885193**

Date Perm Closure:	12/17/2007
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	99. Other
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	2
Status:	3. Closed - Removed
Capacity:	6000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	11/01/1998
Date Perm Closure:	12/05/2006
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	2. Sacrificial Anode (no retrofit)
Tank Secondary Containment:	5. Synthetic Liner
Piping Location:	2. Underground/on ground
Piping Type:	2. Galvanized steel
Piping External Protection:	Not reported
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	3
Status:	3. Closed - Removed
Capacity:	6000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	11/01/1998
Date Perm Closure:	12/05/2006
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	2. Sacrificial Anode (no retrofit)
Tank Secondary Containment:	5. Synthetic Liner
Piping Location:	2. Underground/on ground
Piping Type:	2. Galvanized steel
Piping External Protection:	Not reported
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

SUBURBAN CARTING CORP. (Continued) **U003885193**

Tank Number:	5
Status:	3. Closed - Removed
Capacity:	2000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1981
Date Perm Closure:	Not reported
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	99. Other
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	8
Status:	3. Closed - Removed
Capacity:	275
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	11/01/1998
Date Perm Closure:	12/01/2007
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	99. Other
Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	0. None

Tank Number:	9
Status:	3. Closed - Removed
Capacity:	275
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	11/01/1998
Date Perm Closure:	12/01/2007
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	99. Other

SUBURBAN CARTING CORP. (Continued) **U003885193**

Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	0. None

K67 **MAMARONECK TRUCK RPR** **RCRA NonGen / NLR** **1000156024**
SW **524 WAVERLY AVE** **FINDS** **NYD981562150**
< 1/8 **MAMARONECK, NY 10543** **ECHO**
0.121 mi. **NY MANIFEST**
637 ft. **Site 5 of 7 in cluster K**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MAMARONECK TRUCK RPR
Facility address:	524 WAVERLY AVE MAMARONECK, NY 10543
EPA ID:	NYD981562150
Mailing address:	WAVERLY AVE MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	WAVERLY AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	AL DEMARCO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	AL DEMARCO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported

MAMARONECK TRUCK RPR (Continued) **1000156024**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: MAMARONECK TRUCK RPR
Classification: Not a generator, verified

Date form received by agency: 07/14/1999
Site name: MAMARONECK TRUCK RPR
Classification: Small Quantity Generator

Date form received by agency: 10/01/1986
Site name: MAMARONECK TRUCK RPR
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004409355

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAMARONECK TRUCK RPR (Continued) **1000156024**

ECHO:
- Envid: 1000156024
- Registry ID: 110004409355
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004409355

NY MANIFEST:
- Name: MAMARONECK TRUCK REPAIR
- Address: 524 WAVERLY AVE
- City,State,Zip: MAMARONECK, NY 10543
- Country: USA
- EPA ID: NYD981562150
- Facility Status: Not reported
- Location Address 1: 524 WAVERLY AVENUE
- Code: BP
- Location Address 2: Not reported
- Total Tanks: Not reported
- Location City: MAMARONECK
- Location State: NY
- Location Zip: 10543
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYD981562150
- Mailing Name: MAMARONECK TRUCK REPAIR
- Mailing Contact: MAMARONECK TRUCK REPAIR
- Mailing Address 1: 524 WAVERLY AVENUE
- Mailing Address 2: Not reported
- Mailing City: MAMARONECK
- Mailing State: NY
- Mailing Zip: 10543
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: 9146984300

NY MANIFEST:
- Document ID: NJA3128563
- Manifest Status: Not reported
- seq: 01
- Year: 1999
- Trans1 State ID: 10339
- Trans2 State ID: Not reported
- Generator Ship Date: 06/15/1999
- Trans1 Recv Date: 06/15/1999
- Trans2 Recv Date: Not reported
- TSD Site Recv Date: 06/17/1999
- Part A Recv Date: Not reported
- Part B Recv Date: Not reported
- Generator EPA ID: NYD981562150
- Trans1 EPA ID: NJD986608941
- Trans2 EPA ID: Not reported
- TSDF ID 1: NJD002454544
- TSDF ID 2: Not reported
- Manifest Tracking Number: Not reported
- Import Indicator: Not reported
- Export Indicator: Not reported
- Discr Quantity Indicator: Not reported

MAMARONECK TRUCK RPR (Continued) **1000156024**

Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F005 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00110
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

K68 **NEW ROCHELLE TRAN STA(C)** **NY SWF/LF** **S105455770**
SW **524 WAVERLY AVENUE** **NY LTANKS** **N/A**
< 1/8 **MAMARONECK, NY 0** **NY Spills**
0.121 mi.
637 ft. **Site 6 of 7 in cluster K**

Relative: **Higher**
Actual: **28 ft.**

SWF/LF:

Name:	NEW ROCHELLE TRAN STA(C)
Address:	524 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 0
Flag:	INACTIVE
Region Code:	3
Phone Number:	9146984300
Owner Name:	City of New Rochelle
Owner Type:	Municipal
Owner Address:	515 North Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	New Rochelle, NY 10801
Owner Email:	Not reported
Owner Phone:	9146542000
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[60T07]
Active:	No
East Coordinate:	601400
North Coordinate:	4527800
Accuracy Code:	Not reported
Regulatory Status:	None

NEW ROCHELLE TRAN STA(C) (Continued) **S105455770**

Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: 08/31/1995
Operator Name: Suburban Carting Corp.
Operator Type: Not reported
Laste Date: Not reported

LTANKS:
Name: SU CARTING
Address: 524 WAVERLY AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 9210738 / 1992-12-31
Facility ID: 9210738
Site ID: 169333
Spill Date: 1992-12-16
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: 1992-12-31
SWIS: 6032
Investigator: WXWADSWO
Referred To: Not reported
Reported to Dept: 1992-12-16
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1992-12-17
Spill Record Last Update: 2010-12-28
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 251217
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 09/27/95: This is additional information about material spilled from the translation of the old spill file: TANK TEST."
Remarks: "EIR APPEARS TO BE VENT PROBLEM PETRO-TITE"

All TTF:
Facility ID: 9210738
Spill Number: 9210738
Spill Tank Test: 1540962
Site ID: 169333
Tank Number: Not reported
Tank Size: 0
Material: 0009
EPA UST: Not reported

NEW ROCHELLE TRAN STA(C) (Continued) **S105455770**

UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	169333
Operable Unit ID:	974986
Operable Unit:	01
Material ID:	404181
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Name:	SUBURBAN CARTING CORP
Address:	524 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0300544 / 2009-10-29
Facility ID:	0300544
Site ID:	265984
Spill Date:	2003-04-15
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jkomara
Referred To:	WESTCHESTER CNTY HEALTH DEPT
Reported to Dept:	2003-04-15
CID:	270
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2003-04-15
Spill Record Last Update:	2009-10-29
Spiller Name:	JOHN COSTELLO
Spiller Company:	SUBURBAN CARTING CORP
Spiller Address:	524 WAVERLY AV
Spiller County:	999
Spiller Contact:	JOHN COSTELLO
Spiller Phone:	(914) 760-6092
Spiller Extention:	Not reported

NEW ROCHELLE TRAN STA(C) (Continued) **S105455770**

DEC Region: 3
DER Facility ID: 251217
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD - JACKSON From: John O'Mara To:liz@sterlingenvironmental.com CC:Torres, Carlos Date: 1/15/2009 2:12 PM Subject: 524/532 Waverly Avenue Spill #'s 9811301, 0300544 GW assesment dated 6/27/2008 Liz Sorry for any inconvenience caused by this delay. Following are the Departments requirements: 1) The Continuation of GW monitoring needs to continue for at least two more quarters. When those results are obtained the whole situation , including the residual contamination will be addressed. 2) Sterling's recommendation for a soil vapor intrusion study is approved and required. Any further questions please do not hesitate to contact me on my cell phone 845 494 9786 John K O'Mara, P.E. NYSDEC Region 3 Spills 10/29/09 will close this spill # and refer it to Spill # 9811301 JO'M "
Remarks: "will take out of service"

All TTF:
Facility ID: 0300544
Spill Number: 0300544
Spill Tank Test: 1528262
Site ID: 265984
Tank Number: 3
Tank Size: 6000
Material: 0009
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 265984
Operable Unit ID: 868799
Operable Unit: 01
Material ID: 565704
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: 306 FAYETT AVE REALITY
Address: 524 WAVERLY AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0610150 / 2009-11-05
Facility ID: 0610150

NEW ROCHELLE TRAN STA(C) (Continued) **S105455770**

Facility Type:	ER
DER Facility ID:	251217
Site ID:	374535
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	6032
Spill Date:	2006-12-05
Investigator:	jkomara
Referred To:	PBS WCDOH
Reported to Dept:	2006-12-06
CID:	410
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	2006-12-07
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-12-06
Spill Record Last Update:	2009-11-05
Spiller Name:	JOHN MANCINI
Spiller Company:	306 FAYETT AVE REALITY
Spiller Address:	524 WAVERLY AVE
Spiller Company:	001
Contact Name:	JOHN MANCINI
DEC Memo:	"11/05/09 Closed refer to 9811301"
Remarks:	"DURING A TANK REMOVAL CONTAMINATED SOIL AND GROUNDWATER WAS DISCOVERD AT THIS SITE' CONTAMINATED WATER AT SURFACE WAS REMOVED AT NIGHT AND AGAIN THIS AM':"

All Materials:

Site ID:	374535
Operable Unit ID:	1132209
Operable Unit:	01
Material ID:	2121934
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	SUBURBAN CARTING
Address:	524 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9605092 / 1996-09-05
Facility ID:	9605092
Facility Type:	ER
DER Facility ID:	251217
Site ID:	311384
DEC Region:	3
Spill Cause:	Human Error

NEW ROCHELLE TRAN STA(C) (Continued) **S105455770**

Spill Class:	C4
SWIS:	6032
Spill Date:	1996-07-18
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-07-19
CID:	270
Water Affected:	SHELDRAKE RIVER
Spill Source:	Commercial/Industrial
Spill Notifier:	Health Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-07-19
Spill Record Last Update:	1996-09-05
Spiller Name:	ANTHONY PRESTANO
Spiller Company:	SUBURBAN CARTING
Spiller Address:	524 WAVERLY AVE
Spiller Company:	001
Contact Name:	ANTHONY PRESTANO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 09/05/96 WCHD RESPONDED SURBURBAN CARTING HIRED CONTRACTOR TO DO CLEAN UP "
Remarks:	"while fueling veh leak occured and got into storm drain which leads to river "

All Materials:

Site ID:	311384
Operable Unit ID:	1032629
Operable Unit:	01
Material ID:	347845
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	SUBURBAN
Address:	524 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9811301 / 2016-08-01
Facility ID:	9811301
Facility Type:	ER
DER Facility ID:	251217
Site ID:	311385
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	6032
Spill Date:	1998-12-08
Investigator:	RDBENDEL

NEW ROCHELLE TRAN STA(C) (Continued) **S105455770**

Referred To:	Not reported
Reported to Dept:	1998-12-08
CID:	270
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1998-12-08
Spill Record Last Update:	2016-08-01
Spiller Name:	KEITH LACAVALLA
Spiller Company:	SUBURBAN
Spiller Address:	524 WAVERLY AVE
Spiller Company:	001
Contact Name:	KEITH LACAVALLA
DEC Memo:	"01/13/2000 LETTER SENT TO SUBURBAN CARTING BY C. LALAK (WCHD); REQUIRES THAT AT LEAST ONE MONITORING WELL BE INSTALLED. ALSO SEE SPILL 98-11573. 12/05/03 WCHD REFERRED SITE TO JOHN O'MARA. 1/15/09 From: John O'Mara To:liz@sterlingenvironmental.com CC:Torres, Carlos Date: 1/15/2009 2:12 PM Subject: 524/532 Waverly Avenue Spill #'s 9811301, 0300544 GW assesment dated 6/27/2008 Liz Sorry for any inconvenience caused by this delay. Following are the Departments requirements: 1) The Continuation of GW monitoring needs to continue for at least two more quarters. When those results are obtained the whole situation , including the residual contamination will be addressed. 2) Sterling's recommendation for a soil vapor intrusion study is approved and required. Any further questions please do not hesitate to contact me on my cell phone 845 494 9786 John K O'Mara, P.E. NYSDEC Region 3 Spills 11/05/09 Will refer the Soil Vapor Investigation report to Haz Waste for comment JO'M 7-25-16 inquire of sterling THE STATUS OF THE SITE- rdb 7-25-16 millspaugh indicates he would check 8-1-16 ask again; 8-1-16 After O'Mara stopped working on this site it was transferred to Albany as a Brownfield so now the spill is a Brownfields site being managed out of Albany By Dan Lanners. I have cross referenced the BCP # C360108 and closed this spill. RDB"
Remarks:	"contaminated soil discovered during tank upgrade"

All Materials:

Site ID:	311385
Operable Unit ID:	1072174
Operable Unit:	01
Material ID:	315143
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	SPILL NUMBER 9811573

NEW ROCHELLE TRAN STA(C) (Continued) **S105455770**

Address:	524 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9811573 / 2003-03-03
Facility ID:	9811573
Facility Type:	ER
DER Facility ID:	251217
Site ID:	311386
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6032
Spill Date:	1998-12-14
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1998-12-15
CID:	351
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-12-15
Spill Record Last Update:	2003-07-01
Spiller Name:	Not reported
Spiller Company:	SUBURBAN CARTING CORP
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	PAUL MUSCATELLO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 03/03/03 SEE SPILL 98-11301 FOR FURTHER INFO. REMEDIATION BEING HANDLED BY BARBARA MCDONALD OF WCHD. NFA THIS NUMBER."
Remarks:	"SITE IS A TRUCK TERMINAL - EXISTING SPILL NUMBER FOR SITE 9811301 - CALLER WAS DOING A TANK CLOSURE AND FOUND CONTAMINATION WHICH IMPACTS GROUNDWATER - EXCAVATION IS BEING PERFORMED BUT IS LIMITED DUE TO STRUCTURES & ALSO PUMPING FREE PRODUCT FROM WATER "

All Materials:

Site ID:	311386
Operable Unit ID:	1072456
Operable Unit:	01
Material ID:	311862
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K69 **MAMARONECK TRUCK REPAIR** **RCRA NonGen / NLR** **1000156025**
SW **524 WAVERLY AVE** **NYD982716607**
< 1/8 **MAMARONECK, NY 10543**
0.121 mi.
637 ft. **Site 7 of 7 in cluster K**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MAMARONECK TRUCK REPAIR
Facility address:	524 WAVERLY AVE MAMARONECK, NY 10543-2234
EPA ID:	NYD982716607
Mailing address:	WAVERLY AVE MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	WAVERLY AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SUBURBAN CARTING CORP
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SUBURBAN CARTING CORP
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

MAMARONECK TRUCK REPAIR (Continued) **1000156025**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: MAMARONECK TRUCK REPAIR
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: MAMARONECK TRUCK REPAIR
Classification: Not a generator, verified

Date form received by agency: 10/17/1988
Site name: MAMARONECK TRUCK REPAIR
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

MAMARONECK TRUCK REPAIR (Continued) **1000156025**

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

J70 **CON EDISON** **NY MANIFEST** **S119076325**
NE **321 WAVERLEY AVE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.122 mi.
646 ft. **Site 3 of 5 in cluster J**

Relative: **Lower**
Actual: **20 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 321 WAVERLEY AVE
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYP004803235
Facility Status: Not reported
Location Address 1: 321 WAVERLY AVE
Code: BP
Location Address 2: MH 902
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004803235
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported

CON EDISON (Continued) **S119076325**

Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	07/07/2015
Trans1 Recv Date:	07/07/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/09/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004803235
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014469271JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	150
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

J71 **CON EDISON** **RCRA NonGen / NLR** **1019904882**
NE **321 WAVERLEY AVE** **NYP004803235**
< 1/8 **MAMARONECK, NY 10543**
0.122 mi.
646 ft. **Site 4 of 5 in cluster J**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date form received by agency:	07/07/2015
Facility name:	CON EDISON
Facility address:	321 WAVERLEY AVE MAMARONECK, NY 10543
EPA ID:	NYP004803235
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	07/07/2015
Site name:	CON EDISON
Classification:	Large Quantity Generator

Violation Status: No violations found

J72 **CON EDISON** **NJ MANIFEST** **S120673569**
NE **321 WAVERLEY AVE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.122 mi.
646 ft. **Site 5 of 5 in cluster J**

Relative: **Lower**
Actual: **20 ft.**

NJ MANIFEST:

EPA Id:	NYP004803235
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported

CON EDISON (Continued) **S120673569**

Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014469271JJK
EPA ID:	NYP004803235
Date Shipped:	7/7/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD006982359
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

L73 **CYCLOPS IRON WORKS** **NY MANIFEST** **S121133093**
WSW **517 CENTER AVE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.123 mi.
649 ft. **Site 2 of 5 in cluster L**

Relative:
Higher

Actual:
28 ft.

NY MANIFEST:

Name:	CYCLOPS IRON WORKS
Address:	517 CENTER AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYR000232785
Facility Status:	Not reported
Location Address 1:	517 CENTER AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000232785
Mailing Name:	CYCLOPS IRON WORKS
Mailing Contact:	CYCLOPS IRON WORKS
Mailing Address 1:	517 CENTER AVE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9144192764

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2017
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	08/28/2017
Trans1 Recv Date:	08/28/2017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/29/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000232785
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD020273819
TSDF ID 2:	Not reported
Manifest Tracking Number:	015379007JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CYCLOPS IRON WORKS (Continued) **S121133093**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H134
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D002
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access additional NY MANIFEST: detail in the EDR Site Report.

L74 **CYCLOPS IRON WORKS** **RCRA NonGen / NLR** **1023679300**
WSW **517 CENTER AVE** **NYR000232785**
< 1/8 **MAMARONECK, NY 10543**
0.123 mi.
649 ft. **Site 3 of 5 in cluster L**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/14/2018
Facility name:	CYCLOPS IRON WORKS
Facility address:	517 CENTER AVE MAMARONECK, NY 10543
EPA ID:	NYR000232785
Mailing address:	CENTER AVE MAMARONECK, NY 10543
Contact:	JOHN AYASO
Contact address:	CENTER AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-419-2764
Contact email:	CYCLOPS998@OPTONLINE.NET
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JOHN AYASO (CYCLOPS IRON WORKS)
Owner/operator address:	CENTER AVE MAMARONECK, NY 10543

CYCLOPS IRON WORKS (Continued) **1023679300**

Owner/operator country: US
Owner/operator telephone: 914-419-2764
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2007
Owner/Op end date: Not reported

Owner/operator name: JOHN AYASO (CYCLOPS IRON WORKS)
Owner/operator address: CENTER AVE
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-419-2764
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2007
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/01/2017
Site name: CYCLOPS IRON WORKS
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D002
. Waste name: CORROSIVE WASTE

Violation Status: No violations found

L75 **SHORTY AUTO BODY** **NY LTANKS** **1004760667**
WSW **519 CENTER AVE** **RCRA NonGen / NLR** **NYR000055319**
< 1/8 **MAMARONECK, NY 10543** **NY MANIFEST**
0.125 mi.
660 ft. **Site 4 of 5 in cluster L**

Relative: **Higher**
Actual: **28 ft.**

LTANKS:

Name:	UNDERGROUND
Address:	519 CENTER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1007721 / 2010-12-30
Facility ID:	1007721
Site ID:	441158
Spill Date:	2010-10-20
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2010-10-20
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2010-10-20
Spill Record Last Update:	2010-12-30
Spiller Name:	PATRICK
Spiller Company:	JACKSON FAMILY HOLDINGS
Spiller Address:	519 CENTER AVE
Spiller County:	999
Spiller Contact:	PATRICK
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	396188
DEC Memo:	"10-20-10 Called and left message with New England Tank to return call. jm 12/30/10: Message received from William Eilbacher of WCDOH PBS: Attached is a letter regarding NYSDEC Spill number 10-07721 which was generated during a tank removal for PBS number 3-801673, Jackson Family Holdings, LLC, 519 Center Avenue, Mamaroneck, NY. The tank closure report submitted by New England Environmental Tank Services, Inc. showed that contaminant levels from the soil samples were less than the soil cleanup levels for fuel oil contaminated soils found in Table 3 of DEC s CP-51 / Soil Cleanup Guidance. I am requesting that the spill number be closed since no further remediation is required for the site. > DEC requires no further action at this time. jod"
Remarks:	"10,000 tank test failure. County health department on site."

All Materials:

Site ID:	441158
Operable Unit ID:	1191735
Operable Unit:	01
Material ID:	2186920

SHORTY AUTO BODY (Continued) **1004760667**

Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	SHORTY AUTO BODY
Facility address:	519 CENTER AVE MAMARONECK, NY 10543
EPA ID:	NYR000055319
Mailing address:	CENTER AVE MAMARONECK, NY 10543
Contact:	FRANK MEESKE
Contact address:	CENTER AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-698-9526
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SHORTYS AUTO BODY
Owner/operator address:	519 CENTER AVE MAMARONECK, NY 10543
Owner/operator country:	US
Owner/operator telephone:	914-698-9526
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SHORTYS AUTO BODY
Owner/operator address:	519 CENTER AVE MAMARONECK, NY 10543
Owner/operator country:	US
Owner/operator telephone:	914-698-9526
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

SHORTY AUTO BODY (Continued) **1004760667**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: SHORTY AUTO BODY
Classification: Not a generator, verified

Date form received by agency: 05/19/1998
Site name: SHORTY AUTO BODY
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

NY MANIFEST:
Name: SHORTYS AUTO BODY

SHORTY AUTO BODY (Continued) **1004760667**

Address:	519 CENTER AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYR000055319
Facility Status:	Not reported
Location Address 1:	519 CENTER AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000055319
Mailing Name:	SHORTYS AUTO BODY
Mailing Contact:	FRANK MEESKE
Mailing Address 1:	519 CENTER AVE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146989526

NY MANIFEST:

Document ID:	MAK0837160
Manifest Status:	Not reported
seq:	01
Year:	1999
Trans1 State ID:	P298709IL
Trans2 State ID:	Not reported
Generator Ship Date:	11/19/1999
Trans1 Recv Date:	11/19/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/24/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000055319
Trans1 EPA ID:	NJD080631369
Trans2 EPA ID:	Not reported
TSDF ID 1:	MAD053452637
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported

SHORTY AUTO BODY (Continued) **1004760667**

Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00165
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

L76 **J.A. JACKSON CORP.** **NY UST** **U004176655**
WSW **519 CENTER AVENUE** **N/A**
< 1/8 **MAMARONECK, NY 10543**
0.125 mi.
660 ft. **Site 5 of 5 in cluster L**

Relative: WESTCHESTER CO. UST:
Higher

Actual:
28 ft.

Name:	J.A. JACKSON CORP.
Address:	519 CENTER AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-801673 / Unregulated
Operator Name:	Jim Jackson
Owner Name:	Jackson Family Holdings, LLC
Owner Street:	430 Center Avenue
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	Not reported
Tank Number:	1
Status:	3. Closed - Removed
Capacity:	10000
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	0
Tank Leak Detection:	0. None
Date Installation:	01/01/1900
Date Perm Closure:	12/15/2010
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	0. None
Spill Prevention:	0. None
Dispenser:	2. Suction

77 SSW 1/8-1/4 0.128 mi. 675 ft.

SPATZ INDUSTRIES
420 RAILROAD WAY
MAMARONECK, NY 10543

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1004758387
NYD986998870

Relative: Higher

Actual: 28 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/18/2017
Facility name:	SPATZ INDUSTRIES
Facility address:	420 RAILROAD WAY MAMARONECK, NY 10543
EPA ID:	NYD986998870
Mailing address:	PO BOX 819 HARRISON, NY 10528
Contact:	MARTIN SPATZ
Contact address:	PO BOX 819 HARRISON, NY 10528
Contact country:	US
Contact telephone:	914-835-4008
Contact email:	MSPATZ4008@AOL.COM
EPA Region:	02
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SPATZ INDUSTRIES LLC
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/15/2014
Owner/Op end date:	Not reported

Owner/operator name:	SPATZ INDUSTRIES LLC
Owner/operator address:	PO BOX 819 HARRISON, NY 10528
Owner/operator country:	US
Owner/operator telephone:	914-835-4008
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/28/1982
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No

SPATZ INDUSTRIES (Continued) **1004758387**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 11/10/2014
Site name: SPATZ INDUSTRIES
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/2007
Site name: NESSEN LIGHTING INC
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Site name: NESSEN LIGHTING INC
Classification: Not a generator, verified

Date form received by agency: 05/07/1993
Site name: NESSEN LIGHTING INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

SPATZ INDUSTRIES (Continued) **1004758387**

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 10/08/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004488563

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004758387
Registry ID: 110004488563
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004488563

NY MANIFEST:
Name: C I T GROUP INCORPORATED CREDIT FINANCE
Address: 420 RAILROAD WAY
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYD986998870
Facility Status: Not reported
Location Address 1: 420 RAILROAD WAY PHILLIPS
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD986998870
Mailing Name: C I T GROUP INCORPORATED CREDIT FINANCE
Mailing Contact: DEBRA PUTEER
Mailing Address 1: 810 7TH AVE-19TH FL

SPATZ INDUSTRIES (Continued) **1004758387**

Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10019
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2129747400

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	MAD039322250
Trans2 State ID:	Not reported
Generator Ship Date:	12/04/2014
Trans1 Recv Date:	12/04/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/11/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986998870
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ARD069748192
TSDF ID 2:	Not reported
Manifest Tracking Number:	007847937FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H040
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	400
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	D005
Waste Code 1_3:	D006
Waste Code 1_4:	D007
Waste Code 1_5:	D008
Waste Code 1_6:	Not reported

SPATZ INDUSTRIES (Continued) **1004758387**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

M78 **M & F PROPERTIES, LLC** **NY UST** **U003856941**
NNE **335 CENTER AVENUE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.134 mi.
708 ft. **Site 1 of 3 in cluster M**

Relative: WESTCHESTER CO. UST:
Lower

Actual: Name: M & F PROPERTIES, LLC
21 ft. Address: 335 CENTER AVENUE
City,State,Zip: MAMARONECK, NY 10543
Id/Status: 3-002372 / Unregulated: <1101 gal. PBS
Operator Name: Michael Petrillo
Owner Name: M & F Properties, LLC
Owner Street: 335 Center Ave
Owner Address2: Not reported
Owner City: Mamaroneck
Owner State: NY
Owner Zipcode: 10543
GDS Number: Not reported

Tank Number: 003
Status: 3. Closed - Removed
Capacity: 275
Product Stored: 9999. Other
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: Not reported
Date Perm Closure: 06/01/1998
Tank Location: Not reported
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Secondary Containment: 99. Other
Piping Location: 0. No Pipiing
Piping Type: 0. No Pippping
Piping External Protection: 0. None
Overfill Prevention: 99. Other
Piping Secondary Containment: Not reported
Spill Prevention: Not reported
Dispenser: 2. Suction

Tank Number: 004
Status: 3. Closed - Removed
Capacity: 275
Product Stored: 9999. Other
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: Not reported
Date Perm Closure: 06/01/1998
Tank Location: Not reported
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Secondary Containment: 99. Other

M & F PROPERTIES, LLC (Continued) **U003856941**

Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	99. Other
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	1
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1980
Date Perm Closure:	10/16/2001
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	99. Other
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	2
Status:	3. Closed - Removed
Capacity:	2000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1980
Date Perm Closure:	10/16/2001
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	3
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	Not reported

M & F PROPERTIES, LLC (Continued) **U003856941**

Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1980
Date Perm Closure:	10/16/2001
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	99. Other
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

M79 **TERMINAL** **NY LTANKS** **S106702947**
NNE **335 CENTER AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.134 mi.
708 ft. **Site 2 of 3 in cluster M**

Relative: **Lower**
Actual: **21 ft.**

LTANKS:

Name:	TERMINAL
Address:	335 CENTER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0107371 / 2004-04-27
Facility ID:	0107371
Site ID:	208763
Spill Date:	2001-10-17
Spill Cause:	Tank Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2001-10-17
CID:	389
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2001-10-17
Spill Record Last Update:	2004-04-27
Spiller Name:	Not reported
Spiller Company:	TERMINAL
Spiller Address:	335 CENTER AVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	173202

TERMINAL (Continued) **S106702947**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-MCDONALD 04/27/04 BARRIER COMPLETED CLEAN UP. SPILL CLOSED BY BARBARA McDONALD OF THE WCHD ON 4-11-2003. SPILL WAS MISSING FROM R3 DATABASE WHEN INITIAL CLOSURE WAS RECEIVED. NFA REQUIRED. jbo"

Remarks: "CALLER REPORTING A FAILURE OF A TANK AND CONTAIMINATED SOIL FROM A TANK REMOVAL UNK QUANTITY NO CALLBACK"

All Materials:

Site ID:	208763
Operable Unit ID:	845570
Operable Unit:	01
Material ID:	532190
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

N80 **ISLAND TRANSPORTATION CORP/SUNOCO S/S** **NY LTANKS** **S102240577**
NW **711 FENIMORE ROAD** **NY Spills** **N/A**
1/8-1/4 **MAMARONECK, NY 10543** **NY MANIFEST**
0.134 mi.
709 ft. **Site 1 of 4 in cluster N**

Relative: **Lower**
Actual: **21 ft.**

LTANKS:

Name:	GAS STATION
Address:	711 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9701501 / 1997-05-04
Facility ID:	9701501
Site ID:	103289
Spill Date:	1997-05-04
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1997-05-04
CID:	297
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-05-04
Spill Record Last Update:	1997-05-13
Spiller Name:	DOUG BONNER
Spiller Company:	MYSTIC TRANSPORTATION
Spiller Address:	1901 STEINWAY ST
Spiller County:	001

ISLAND TRANSPORTATION CORP/SUNOCO S/S (Continued) **S102240577**

Spiller Contact:	DOUG BONNER
Spiller Phone:	(800) 635-3835
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	129145
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 05/04/97 MAMARONECK F.D. CLEANING UP; W.C.H.D. NOTIFIED BY F.D. LESS THAN ONE GAL. GOT INTO SEWER. SEE SPILL # 9701502 N"
Remarks:	"DRIVER OVERFILLED THE INGROUND TANKS - CLEAN UP IN PROGRESS"

All Materials:

Site ID:	103289
Operable Unit ID:	1047526
Operable Unit:	01
Material ID:	338051
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	SUNOCO STATION
Address:	711 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9509962 / Not Reported
Facility ID:	9509962
Facility Type:	ER
DER Facility ID:	129145
Site ID:	152144
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	B4
SWIS:	6032
Spill Date:	1995-10-19
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-11-10
CID:	322
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	4
Date Entered In Computer:	1995-11-10
Spill Record Last Update:	2016-07-28
Spiller Name:	CHARLES FAZIO
Spiller Company:	ISLAND TRANSPORTATION
Spiller Address:	299 EDISON AVE

ISLAND TRANSPORTATION CORP/SUNOCO S/S (Continued) **S102240577**

Spiller Company:	001
Contact Name:	CHARLES FAZIO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 03/09/2000 LETTER SENT TO ISLAND TRANSPORTATION BY T. GHIOSAY; BOTH ISLAND TRANS. & MYSTIC BULK CARRIERS HAD GASOLINE SPILLS AT LIBRINI S/S. MYSTIC HAS INFORMED DEC THAT ISLAND TRANSPORTATION HAS FAILED TO CONTRIBUTE THEIR SHARE OF THE CLEANUP COSTS. 07/24/2001 LETTER SENT TO BARRIER MOTOR FUELS BY T. GHIOSAY; ENCLOSED A COPY OF HYDRO ENVIRONMENTAL SOLUTIONS ORC INJECTION WORKPLAN FOR REVIEW. 7/28/2016 -- WC DOH observed product in 2 old monitoring wells yesterday. Contractor confirmed 4 of 9 old wells have sheen or worse. I requested testing tanks/piping, purge all limpacted wells daily, sampling all 9 wells this week and geoprobe investigation next week. Owner wants to continue operation and remove tanks next year. Not likely. ELM"
Remarks:	"island trasport is trying to dispose of the gas/water mixture and found out the spill was not reported when it happend - caller is unsure of cause - spill is cleaned up at this time"

All Materials:

Site ID:	152144
Operable Unit ID:	1020390
Operable Unit:	01
Material ID:	556598
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	600.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY MANIFEST:

Name:	ISLAND TRANSPORTATION CORP/SUNOCO S/S
Address:	711 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP000796029
Facility Status:	Not reported
Location Address 1:	711 FENIMORE ROAD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP000796029
Mailing Name:	ISLAND TRANSPORTATION CORP/SUNOCO S/S
Mailing Contact:	ISLAND TRANSPORTATION CORP/SUNOCO S/S
Mailing Address 1:	299 EDISON AVE
Mailing Address 2:	Not reported
Mailing City:	W BABYLON
Mailing State:	NY

ISLAND TRANSPORTATION CORP/SUNOCO S/S (Continued) **S102240577**

Mailing Zip:	11704
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	5163694900

NY MANIFEST:

Document ID:	CTF0428114
Manifest Status:	C
seq:	Not reported
Year:	1996
Trans1 State ID:	PP9641
Trans2 State ID:	Not reported
Generator Ship Date:	01/03/1996
Trans1 Recv Date:	01/03/1996
Trans2 Recv Date:	/ /
TSD Site Recv Date:	01/03/1996
Part A Recv Date:	/ /
Part B Recv Date:	01/11/1996
Generator EPA ID:	NYP000796029
Trans1 EPA ID:	NYD986908085
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD021816889
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00340
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

N81 **LEBRINI'S SERVICE STATION** **NY UST** **U003884640**
NW **711 FENIMORE ROAD** **NY AST** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.134 mi.
709 ft. **Site 2 of 4 in cluster N**

Relative: **Lower**
Actual: **21 ft.**

WESTCHESTER CO. UST:

Name:	LEBRINI'S SERVICE STATION
Address:	711 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-413054 / Active
Operator Name:	711 Fenimore Road Corp.
Owner Name:	Not reported
Owner Street:	711 Fenimore Road
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	3553200375
Tank Number:	1
Status:	3. Closed - Removed
Capacity:	4000
Product Stored:	2712. Gasoline/Ethanol
Product Stored Percent:	0
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	06/01/1981
Date Perm Closure:	09/26/2016
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	4. Original impressed current
Tank Secondary Containment:	0. None
Piping Location:	3. Aboveground/Underground Combination
Piping Type:	6. Fiberglass Reinforced Plastic (FRP)
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction
Tank Number:	2
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	2712. Gasoline/Ethanol
Product Stored Percent:	0
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	06/01/1984
Date Perm Closure:	09/26/2016
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	4. Original impressed current
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on Ground
Piping Type:	6. Fiberglass Reinforced Plastic (FRP)
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm

LEBRINI'S SERVICE STATION (Continued) **U003884640**

Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	3
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	2712. Gasoline/Ethanol
Product Stored Percent:	0
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	06/01/1984
Date Perm Closure:	09/26/2016
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	4. Original impressed current
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on Ground
Piping Type:	6. Fiberglass Reinforced Plastic (FRP)
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	4
Status:	3. Closed - Removed
Capacity:	550
Product Stored:	9999. Other
Product Stored Percent:	0
Tank Leak Detection:	0. None
Date Installation:	01/01/1900
Date Perm Closure:	10/01/1994
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	6
Status:	3. Closed - Removed
Capacity:	6000
Product Stored:	0008. Diesel
Product Stored Percent:	0
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	10/01/1994
Date Perm Closure:	12/09/2016

LEBRINI'S SERVICE STATION (Continued) **U003884640**

Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	10. Urethane clad steel
Tank Internal Protection:	0. None
Tank External Protection:	2. Original sacrificial anode,9. Urethane
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	6. Fiberglass Reinforced Plastic (FRP)
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	8A
Status:	1. In-Service
Capacity:	4000
Product Stored:	2712. Gasoline/Ethanol
Product Stored Percent:	10
Tank Leak Detection:	1. Electronic Interstitial Monitoring,5. In-Tank System (auto tank gauge)
Date Installation:	11/01/2016
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	11. Flexible Piping
Piping External Protection:	9. Urethane
Overfill Prevention:	2. High Level Alarm,3. Automatic Shut-off
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	Not reported

Tank Number:	8B
Status:	1. In-Service
Capacity:	4000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	1. Electronic Interstitial Monitoring,5. In-Tank System (auto tank gauge)
Date Installation:	11/01/2016
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	Not reported
Tank External Protection:	0. None
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	11. Flexible Piping
Piping External Protection:	9. Urethane
Overfill Prevention:	2. High Level Alarm,3. Automatic Shut-off
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	Not reported

LEBRINI'S SERVICE STATION (Continued) **U003884640**

Tank Number:	9
Status:	1. In-Service
Capacity:	12000
Product Stored:	2712. Gasoline/Ethanol
Product Stored Percent:	10
Tank Leak Detection:	1. Electronic Interstitial Monitoring,5. In-Tank System (auto tank gauge)
Date Installation:	11/01/2016
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	11. Flexible Piping
Piping External Protection:	9. Urethane
Overfill Prevention:	2. High Level Alarm,3. Automatic Shut-off
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	Not reported

WESTCHESTER CO. AST:

Name:	LEBRINI'S SERVICE STATION
Address:	711 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY 10543
PBS Number:	3-413054
Site Status:	Active
GDS Number:	3553200375
Operator Name:	711 Fenimore Road Corp.
Owner Name:	Not reported
Owner Street:	711 Fenimore Road
Owner Address2:	Not reported
Owner City/State/Zip:	Mamaroneck, NY 10543

Tank Number:	4R
Status:	1. In-Service
Date Installation:	10/01/1994
Capacity:	275
Product Stored:	2642. Used Oil (Heating)
Product Stored Percent:	0
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	Not reported
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

LEBRINI'S SERVICE STATION (Continued) **U003884640**

Tank Number:	5
Status:	1. In-Service
Date Installation:	10/01/1994
Capacity:	275
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	0
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	Not reported
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	0. None

Tank Number:	7
Status:	1. In-Service
Date Installation:	10/01/1994
Capacity:	275
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	0
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

N82 **UNDERGROUND TANK #6** **NY LTANKS** **S118707812**
NW **711 FENIMORE RD** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.134 mi.
709 ft. **Site 3 of 4 in cluster N**

Relative: LTANKS:
Lower

Actual: Name:	UNDERGROUND TANK #6
21 ft. Address:	711 FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1603905 / Not Reported
Facility ID:	1603905
Site ID:	530390

UNDERGROUND TANK #6 (Continued) **S118707812**

Spill Date:	2016-07-20
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2016-07-20
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	4
Date Entered In Computer:	2016-07-20
Spill Record Last Update:	2016-09-14
Spiller Name:	Not reported
Spiller Company:	JOHN G LEBRINI
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	FADI QUMBARGI
Spiller Phone:	(844) 726-1124
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	484461
DEC Memo:	"7-20-16 Email from Carlos - WCDOH. Sebastian was on site yesterday. jm 9-14-16; sent email to Gary asking for update. RDB"
Remarks:	"tank test of the secondary tank"

All Materials:

Site ID:	530390
Operable Unit ID:	1279186
Operable Unit:	01
Material ID:	2284212
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

N83 **MYSTIC TRANSPORTATION** **RCRA NonGen / NLR** **1001202988**
NW **711 FENNIMORE RD** **FINDS** **NYR000042879**
1/8-1/4 **MAMARONECK, NY 10543** **ECHO**
0.134 mi. **NY MANIFEST**
709 ft. **Site 4 of 4 in cluster N**

Relative: **Lower**
Actual: **21 ft.**

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MYSTIC TRANSPORTATION
Facility address:	711 FENNIMORE RD MAMARONECK, NY 10543

MYSTIC TRANSPORTATION (Continued) **1001202988**

EPA ID: NYR000042879
Mailing address: FENNIMORE RD
MAMARONECK, NY 10543
Contact: CHARLES BOETTIGER
Contact address: FENNIMORE RD
MAMARONECK, NY 10543
Contact country: US
Contact telephone: 718-956-0077
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MYSTIC BULK CARRIERSINC
Owner/operator address: 19-01 STEINWAY ST
ASTORIA, NY 11105
Owner/operator country: US
Owner/operator telephone: 718-956-0077
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MYSTIC BULK CARRIERSINC
Owner/operator address: 19-01 STEINWAY ST
ASTORIA, NY 11105
Owner/operator country: US
Owner/operator telephone: 718-956-0077
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

MYSTIC TRANSPORTATION (Continued) **1001202988**

Historical Generators:
Date form received by agency: 01/01/2006
Site name: MYSTIC TRANSPORTATION
Classification: Not a generator, verified

Date form received by agency: 08/06/1998
Site name: MYSTIC TRANSPORTATION
Classification: Large Quantity Generator

Date form received by agency: 07/24/1997
Site name: MYSTIC TRANSPORTATION
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110004536244

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001202988
Registry ID: 110004536244
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004536244

NY MANIFEST:
Name: MYSTIC TRANSPORTATION
Address: 711 FENNAMORE RD
City,State,Zip: MAMARONECK, NY 10543-0000
Country: USA
EPA ID: NYR000042879
Facility Status: Not reported
Location Address 1: 711 FENNIMORE RD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK

MYSTIC TRANSPORTATION (Continued) **1001202988**

Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000042879
Mailing Name: MYSTIC TRANSPORTATION
Mailing Contact: CHARLES BOETTIGER
Mailing Address 1: 711 FENNIMORE RD
Mailing Address 2: Not reported
Mailing City: MAMARONECK
Mailing State: NY
Mailing Zip: 10543
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7189560077

NY MANIFEST:
Document ID: NJA2762149
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: S5811
Trans2 State ID: Not reported
Generator Ship Date: 08/26/1997
Trans1 Recv Date: 08/26/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 08/26/1997
Part A Recv Date: / /
Part B Recv Date: 10/08/1997
Generator EPA ID: NYR000042879
Trans1 EPA ID: NJ0000027193
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks

MYSTIC TRANSPORTATION (Continued) **1001202988**

Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O84 **IMPRETECH** **NY LTANKS** **S103940968**
SW **480 OGDEN AV** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.138 mi.
731 ft. **Site 1 of 7 in cluster O**

Relative:
Higher

Actual:
27 ft.

LTANKS:

Name:	IMPRETECH
Address:	480 OGDEN AV
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9900934 / 1999-06-18
Facility ID:	9900934
Site ID:	297541
Spill Date:	1999-04-24
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-04-24
CID:	384
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-04-24
Spill Record Last Update:	1999-06-21
Spiller Name:	MR GOLDMAN
Spiller Company:	IMPRETECH
Spiller Address:	480 OGDEN AV
Spiller County:	001
Spiller Contact:	MR GOLDMAN
Spiller Phone:	(914) 381-8070
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	240732
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 6/18/99 PASSED RETEST AFTER REPAIR WORK BY ROYAL. NFA"
Remarks:	""

All TTF:

Facility ID:	9900934
Spill Number:	9900934
Spill Tank Test:	1547112
Site ID:	297541
Tank Number:	Not reported

IMPRETECH (Continued) **S103940968**

Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	297541
Operable Unit ID:	1079708
Operable Unit:	01
Material ID:	308051
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

O85 **OGDEN INN (SYSTEM INFLATION)** **NY UST U003917939**
SW **480-500 OGDEN AVENUE** **NY AST N/A**
1/8-1/4 **MAMARONECK (T), NY 10543**
0.138 mi.
731 ft. **Site 2 of 7 in cluster O**

Relative:
Higher

Actual:
27 ft.

WESTCHESTER CO. UST:

Name:	OGDEN INN (SYSTEM INFLATION)
Address:	480-500 OGDEN AVENUE
City,State,Zip:	MAMARONECK (T), NY 10543
Id/Status:	3-801038 / Unregulated: <1101 gal. PBS
Operator Name:	Inflation Systems
Owner Name:	Ogden Inn
Owner Street:	105 Calvert Street PO Box 819
Owner Address2:	Not reported
Owner City:	Harrison
Owner State:	ny
Owner Zipcode:	10528
GDS Number:	Not reported
Tank Number:	1
Status:	3. Closed - Removed
Capacity:	2000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	03/01/2003
Tank Location:	5. Underground including vaulted with no access for inspection

OGDEN INN (SYSTEM INFLATION) (Continued) **U003917939**

Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	Not reported
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	2
Status:	4. Closed - in place
Capacity:	1000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	06/03/2003
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	99. Other
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	5. Vent Whistle
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

WESTCHESTER CO. AST:

Name:	OGDEN INN (SYSTEM INFLATION)
Address:	480-500 OGDEN AVENUE
City,State,Zip:	MAMARONECK (T), NY 10543
PBS Number:	3-801038
Site Status:	Unregulated: <1101 gal. PBS
GDS Number:	Not reported
Operator Name:	Inflation Systems
Owner Name:	Ogden Inn
Owner Street:	105 Calvert Street PO Box 819
Owner Address2:	Not reported
Owner City/State/Zip:	Harrison, ny 10528

Tank Number:	3
Status:	1. In-Service
Date Installation:	Not reported
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	Not reported
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None

OGDEN INN (SYSTEM INFLATION) (Continued) **U003917939**

Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	1. Aboveground
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	Not reported
Dispenser:	3. Gravity

Tank Number:	4
Status:	1. In-Service
Date Installation:	Not reported
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	Not reported
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	1. Aboveground
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	Not reported
Dispenser:	3. Gravity

Tank Number:	5
Status:	1. In-Service
Date Installation:	Not reported
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	Not reported
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	0. None
Spill Prevention:	0. None
Dispenser:	0. None

OGDEN INN (SYSTEM INFLATION) (Continued) **U003917939**

Tank Number:	6
Status:	1. In-Service
Date Installation:	Not reported
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	Not reported
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	0. None
Spill Prevention:	0. None
Dispenser:	0. None

O86 **CON EDISON** **NJ MANIFEST** **S120673404**
SW **OGDEN AVE & WAVERLY AVE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.142 mi.
752 ft. **Site 3 of 7 in cluster O**

Relative:
Higher

Actual:
28 ft.

NJ MANIFEST:

EPA Id:	NYP004801429
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014469261JJK
EPA ID:	NYP004801429
Date Shipped:	7/1/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD006982359
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported

CON EDISON (Continued) **S120673404**

Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

O87 **CON EDISON** **NY MANIFEST** **S118257416**
SW **OGDEN AVE & WAVERLY AVE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.142 mi.
752 ft. **Site 4 of 7 in cluster O**

Relative:
Higher

Actual:
28 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	OGDEN AVE & WAVERLY AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004801429
Facility Status:	Not reported
Location Address 1:	OGDEN AVE & WAVERLY AVE
Code:	BP
Location Address 2:	V 7510
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004801429
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON

CON EDISON (Continued) **S118257416**

Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	07/01/2015
Trans1 Recv Date:	07/01/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/02/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004801429
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014469261JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	150
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

CON EDISON (Continued) **S118257416**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O88 **CON EDISON** **RCRA NonGen / NLR** **1019904721**
SW **OGDEN AVE & WAVERLY AVE** **NYP004801429**
1/8-1/4 **MAMARONECK, NY 10543**
0.142 mi.
752 ft. **Site 5 of 7 in cluster O**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/01/2015
Facility name:	CON EDISON
Facility address:	OGDEN AVE & WAVERLY AVE MAMARONECK, NY 10543
EPA ID:	NYP004801429
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	07/01/2015
Site name:	CON EDISON
Classification:	Large Quantity Generator

Violation Status: No violations found

M89 **SAL & VITOS AUTO BODY** **RCRA NonGen / NLR** **1000101924**
NNE **322 CENTRE AVE** **US AIRS** **NYD070566641**
1/8-1/4 **MAMARONECK, NY 10543** **FINDS**
0.144 mi. **ECHO**
761 ft. **Site 3 of 3 in cluster M** **NY MANIFEST**

Relative:
Lower

Actual:
19 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	SAL & VITOS AUTO BODY
Facility address:	322 CENTRE AVE MAMARONECK, NY 10543-2303
EPA ID:	NYD070566641
Mailing address:	CENTRE AVE MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	CENTRE AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	VITO LOTITO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	VITO LOTITO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

SAL & VITOS AUTO BODY (Continued) **1000101924**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: SAL & VITOS AUTO BODY
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: SAL & VITOS AUTO BODY
Classification: Not a generator, verified

Date form received by agency: 01/16/1986
Site name: SAL & VITOS AUTO BODY
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

US AIRS MINOR:
Envid: 1000101924
Region Code: 02
Programmatic ID: AIR NY0000003553200134
Facility Registry ID: 110004366604
D and B Number: Not reported
Primary SIC Code: 7532
NAICS Code: 811121
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000003553200134
Facility Registry ID: 110004366604
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

SAL & VITOS AUTO BODY (Continued) **1000101924**

US AIRS MINOR:

Envid:	1000101924
Region Code:	02
Programmatic ID:	AIR NY0000003553200134
Facility Registry ID:	110004366604
D and B Number:	Not reported
Primary SIC Code:	7532
NAICS Code:	811121
Default Air Classification Code:	MIN
Facility Type of Ownership Code:	POF
Air CMS Category Code:	Not reported
HPV Status:	Not reported

US AIRS MINOR:

Region Code:	02
Programmatic ID:	AIR NY0000003553200134
Facility Registry ID:	110004366604
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-02-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

FINDS:

Registry ID: 110004366604

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIR MINOR

SAL & VITOS AUTO BODY (Continued) **1000101924**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000101924
Registry ID:	110004366604
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004366604

NY MANIFEST:

Name:	SAL & VITOS AUTO BODY
Address:	322 CENTRE AVE
City,State,Zip:	MAMARONECK, NY 10543-2303
Country:	USA
EPA ID:	NYD070566641
Facility Status:	Not reported
Location Address 1:	322 CENTRE AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMRONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD070566641
Mailing Name:	SAL & VITOS AUTO BODY
Mailing Contact:	SAL & VITOS AUTO BODY
Mailing Address 1:	322 CENTRE AVENUE
Mailing Address 2:	Not reported
Mailing City:	MAMRONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146987295

NY MANIFEST:

Document ID:	NJA1173318
Manifest Status:	C
seq:	Not reported
Year:	1991
Trans1 State ID:	NJDEPS103
Trans2 State ID:	Not reported
Generator Ship Date:	08/05/1991
Trans1 Recv Date:	08/05/1991
Trans2 Recv Date:	/ /
TSD Site Recv Date:	08/07/1991
Part A Recv Date:	08/20/1991
Part B Recv Date:	08/19/1991
Generator EPA ID:	NYD070566641
Trans1 EPA ID:	NJD986608941
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002454544
TSDF ID 2:	Not reported

SAL & VITOS AUTO BODY (Continued) **1000101924**

Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00075
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

P90 **MADDEN HOME** **NY LTANKS** **S108298593**
West **510 FAYETTE AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.148 mi.
780 ft. **Site 1 of 4 in cluster P**

Relative: LTANKS:
Higher

Actual:
25 ft.

Name:	MADDEN HOME
Address:	510 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0607895 / 2007-06-19
Facility ID:	0607895
Site ID:	371732
Spill Date:	2006-10-11
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-10-11
CID:	474
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False

MADDEN HOME (Continued) **S108298593**

Remediation Phase:	0
Date Entered In Computer:	2006-10-11
Spill Record Last Update:	2007-06-19
Spiller Name:	WILLIAM MADEN
Spiller Company:	MADEN HOME
Spiller Address:	510 FAYETTE AVE
Spiller County:	001
Spiller Contact:	WILLIAM MADEN
Spiller Phone:	(914) 761-3400
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	321478
DEC Memo:	"6/19/2007: Closure report received and reviewed by DEC. No contamination evident. Based upon information provided, No Further Action is required at this time. Spill is currently listed as closed. jod"
Remarks:	"uncover repair and test"

All TTF:

Facility ID:	0607895
Spill Number:	0607895
Spill Tank Test:	1550353
Site ID:	371732
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	371732
Operable Unit ID:	1129486
Operable Unit:	01
Material ID:	2119152
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Q91 **CYTOPATH BIOPSY LABORATOR (CBLPATH INC.)** **RCRA-LQG** **1006817468**
NE **300 WAVERLY AVE** **NY Spills** **NYR000115816**
1/8-1/4 **MAMARONECK, NY 10543** **FINDS**
0.148 mi. **ECHO**
783 ft. **Site 1 of 9 in cluster Q** **NY MANIFEST**

Relative:
Lower

Actual:
17 ft.

RCRA-LQG:

Date form received by agency:	01/01/2007
Facility name:	CYTOPATH BIOPSY LABORATOR (CBLPATH INC.)
Facility address:	300 WAVERLY AVE MAMARONECK, NY 10543
EPA ID:	NYR000115816
Mailing address:	WAVERLY AVE MAMARONECK, NY 10543
Contact:	KEITH A SMALLS
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	914-698-5706
Telephone ext.:	2282
Contact email:	KSMALLS@CBLPATH.COM
EPA Region:	02
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	NO NAME FOUND
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/31/2006
Owner/Op end date:	Not reported
Owner/operator name:	FIRST PACIFIC REALTY CO LLC
Owner/operator address:	UNKNOWN UNKNOWN, NY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

CYTOPATH BIOPSY LABORATOR (CBLPATH INC.) (Continued) **1006817468**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2000
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/16/2006
Site name: CYTOPATH BIOPSY LABORATOR (CBLPATH INC.)
Classification: Not a generator, verified

Date form received by agency: 10/15/2006
Site name: CYTOPATH BIOPSY LABORATOR (CBLPATH INC.)
Classification: Large Quantity Generator

Date form received by agency: 01/03/2006
Site name: CYTOPATH BIOPSY LABORATOR (CBLPATH INC.)
Classification: Large Quantity Generator

Date form received by agency: 06/21/2005
Site name: CBLPATH INC
Classification: Small Quantity Generator

Date form received by agency: 02/26/2004
Site name: CYTOPATH BIOPSY LAB INC
Classification: Large Quantity Generator

Date form received by agency: 05/22/2003
Site name: CYTOPATH BIOPSY LAB INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

CYTOPATH BIOPSY LABORATOR (CBLPATH INC.) (Continued) **1006817468**

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U122
. Waste name: FORMALDEHYDE

Facility Has Received Notices of Violations:

Regulation violated: SR - 373-3.4(c)(5)
Area of violation: Generators - General
Date violation determined: 07/21/2005
Date achieved compliance: 12/02/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/30/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(c)(3)
Area of violation: Generators - Manifest
Date violation determined: 07/21/2005
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/31/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 372.2(c)(1)(iv)
Area of violation: Generators - Records/Reporting
Date violation determined: 07/21/2005
Date achieved compliance: 08/04/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/31/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 373-3.4(c)(5)
Area of violation: Generators - General
Date violation determined: 07/21/2005

CYTOPATH BIOPSY LABORATOR (CBLPATH INC.) (Continued) **1006817468**

Date achieved compliance: 12/02/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/31/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/14/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 07/21/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/02/2005
Evaluation lead agency: State

Evaluation date: 07/21/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 08/04/2005
Evaluation lead agency: State

Evaluation date: 07/21/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/04/2005
Evaluation lead agency: State

SPILLS:
Name: WAVERLY REALTY
Address: 300 WAVERLY AVENUE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 9910694 / 2000-01-10
Facility ID: 9910694
Facility Type: ER
DER Facility ID: 216263
Site ID: 265421
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 6032
Spill Date: 1999-12-08
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 1999-12-08
CID: 371
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other

CYTOPATH BIOPSY LABORATOR (CBLPATH INC.) (Continued) **1006817468**

Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1999-12-08
Spill Record Last Update: 2000-02-04
Spiller Name: PETER
Spiller Company: WAVERLY REALTY
Spiller Address: 300 WAVERLY AVENUE
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "WHILE REMOVING UST FOUND CONTAMINATED SOIL -- CLEAN UP IN PROGRESS."

All Materials:
Site ID: 265421
Operable Unit ID: 1089389
Operable Unit: 01
Material ID: 296173
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: FIRST PACIFIC REALTY PROPERTY
Address: 300 WAVERLY AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0803368 / 2009-04-20
Facility ID: 0803368
Facility Type: ER
DER Facility ID: 349396
Site ID: 400093
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: B3
SWIS: 6032
Spill Date: 2008-06-20
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 2008-06-20
CID: 404
Water Affected: LI SOUND
Spill Source: Commercial/Industrial
Spill Notifier: Health Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2008-06-20

CYTOPATH BIOPSY LABORATOR (CBLPATH INC.) (Continued) **1006817468**

Spill Record Last Update: 2009-04-20
Spiller Name: MARIA LEVINE
Spiller Company: FIRST PACIFIC REALTY CO
Spiller Address: PO BOX 1002
Spiller Company: 999
Contact Name: SEBASTIAN BIMONTE
DEC Memo: "06/23/08 Site inspection was performed. Fuel is delivered from the 1000 gallon UST to several overhead heating units via a pump located in a small shed like structure attached to the exterior wall of this commercial building. It appears that there was a malfunction of the pump, resulting in a calculated release of 600-700 gallons of oil onto the ground. The fuel saturated the soil and migrated to a storm drain which is about 10-12 feet away. Northeast Environmental was hired on June 20 for the cleanup. Containment booms and absorbents have been placed at several locations along the impacted stream. Soil removal is necessary however,this task is complicated since it involves the removal of an active railroad spur. TG 12/08/08 Northeast Environmental submitted a Response and Remediation Report. 65.26 tons of petroleum contaminated soil was excavated and disposed. Three recovery wells were installed in response to the migration of oil under the building. Wells are currently being vacced out and monitored. TG 04/10/09 Northeast Environmental has been monitoring three wells placed in the spill area and reported that no free product or sheen has been detected. Trace level of VOC's remain but at levels that are not expected to present any impacts. NFA TG"
Remarks: "booster pump has leaking valve; have contractors responding to the scene; FD on scene enviromental conservation; spilled onto soil; sewer effected"

All Materials:
Site ID: 400093
Operable Unit ID: 1156938
Operable Unit: 01
Material ID: 2147934
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 700.00
Units: G
Recovered: .00
Oxygenate: Not reported

FINDS:

Registry ID: 110014446242

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

CYTOPATH BIOPSY LABORATOR (CBLPATH INC.) (Continued) **1006817468**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1006817468
Registry ID:	110014446242
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110014446242

NY MANIFEST:

Name:	CON EDISON
Address:	300 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004802336
Facility Status:	Not reported
Location Address 1:	325 WAVERLY AVE
Code:	BP
Location Address 2:	MH 902
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004802336
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	07/04/2015
Trans1 Recv Date:	07/04/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/07/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004802336
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported

CYTOPATH BIOPSY LABORATOR (CBLPATH INC.) (Continued) **1006817468**

Manifest Tracking Number:	014469281JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	25
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Name:	CYTOPATH BIOPSY LAB
Address:	300 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYR000115816
Facility Status:	Not reported
Location Address 1:	300 WAVERLY AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000115816
Mailing Name:	CYTOPATH BIOPSY LAB
Mailing Contact:	RON MATTEN
Mailing Address 1:	300 WAVERLY AVE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA

CYTOPATH BIOPSY LABORATOR (CBLPATH INC.) (Continued) **1006817468**

Mailing Phone: 9146985706

NY MANIFEST:

Document ID:	NYG3965598
Manifest Status:	Not reported
seq:	01
Year:	2006
Trans1 State ID:	NYR000076513
Trans2 State ID:	Not reported
Generator Ship Date:	08/29/2006
Trans1 Recv Date:	08/29/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/31/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000115816
Trans1 EPA ID:	3A476
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD082785429
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00125
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	025
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	006
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

CYTOPATH BIOPSY LABORATOR (CBLPATH INC.) (Continued) **1006817468**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Q92 **WAVERLY REALTY** **NY UST** **U003995045**
NE **300 WAVERLY AVENUE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.148 mi.
783 ft. **Site 2 of 9 in cluster Q**

Relative: **Lower**
Actual: **17 ft.**

WESTCHESTER CO. UST:

Name:	WAVERLY REALTY
Address:	300 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-497355 / Unregulated: <1101 gal. PBS
Operator Name:	Waverly Realty
Owner Name:	Waverly Realty
Owner Street:	37 Church Lane
Owner Address2:	Not reported
Owner City:	Scarsdale
Owner State:	NY
Owner Zipcode:	10583
GDS Number:	Not reported
Tank Number:	1
Status:	3. Closed - Removed
Capacity:	2000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	04/01/1977
Date Perm Closure:	12/08/1999
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	10. Copper
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Q93 **CON EDISON** **RCRA NonGen / NLR** **1019904803**
NE **300 WAVERLY AVE** **FINDS** **NYP004802336**
1/8-1/4 **MAMARONECK, NY 10543** **ECHO**
0.148 mi.
783 ft. **Site 3 of 9 in cluster Q**

Relative: **Lower**
Actual: **17 ft.**

RCRA NonGen / NLR:

Date form received by agency:	07/04/2015
Facility name:	CON EDISON
Facility address:	300 WAVERLY AVE MAMARONECK, NY 10543
EPA ID:	NYP004802336

CON EDISON (Continued) **1019904803**

Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 07/04/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069652995

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1019904803
Registry ID: 110069652995
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069652995

Q94
NE
1/8-1/4
0.148 mi.
783 ft.

CON EDISON
300 WAVERLY AVE
MAMARONECK, NY 10543

Site 4 of 9 in cluster Q

NJ MANIFEST **S120673486**
N/A

Relative:
Lower

Actual:
17 ft.

NJ MANIFEST:

EPA Id:	NYP004802336
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014469281JJK
EPA ID:	NYP004802336
Date Shipped:	7/4/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD006982359
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120673486**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

P95 **ANGELO & JOEY AUTO BODY INC** **RCRA-VSQG** **1000205250**
West **514 FAYETTE AVE** **FINDS** **NYD081903163**
1/8-1/4 **MAMARONECK, NY 10543** **ECHO**
0.150 mi. **NY MANIFEST**
794 ft. **Site 2 of 4 in cluster P** **NJ MANIFEST**

Relative:
Higher

Actual:
25 ft.

RCRA-VSQG:

Date form received by agency:	01/01/2007
Facility name:	ANGELO & JOEY AUTO BODY INC
Facility address:	514 FAYETTE AVE MAMARONECK, NY 10543
EPA ID:	NYD081903163
Mailing address:	FAYETTE AVE MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	FAYETTE AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	JOSEPH ANTOLINO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner

ANGELO & JOEY AUTO BODY INC (Continued) **1000205250**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JOSEPH ANTOLINO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: ANGELO & JOEY AUTO BODY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/14/1999
Site name: ANGELO & JOEY AUTO BODY INC
Classification: Small Quantity Generator

Date form received by agency: 09/10/1987
Site name: ANGELO & JOEY AUTO BODY INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT

ANGELO & JOEY AUTO BODY INC (Continued) **1000205250**

NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/25/2016
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/31/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110019758047

Environmental Interest/Information System

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FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000205250
Registry ID: 110019758047
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110019758047

ANGELO & JOEY AUTO BODY INC (Continued) **1000205250**

NY MANIFEST:

Name:	G & M AUTO BODY
Address:	514 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYD081903163
Facility Status:	Not reported
Location Address 1:	514 FAYETTE AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD081903163
Mailing Name:	G & M AUTO BODY
Mailing Contact:	G & M AUTO BODY
Mailing Address 1:	514 FAYETTE AVENUE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146986161

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	03/02/2015
Trans1 Recv Date:	03/02/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/02/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD081903163
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD980536593
TSDF ID 2:	Not reported
Manifest Tracking Number:	000723848VES
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

ANGELO & JOEY AUTO BODY INC (Continued) **1000205250**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	120
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	F003
Waste Code 1_2:	D001
Waste Code 1_3:	Not reported
Waste Code 1_4:	F005
Waste Code 1_5:	D035
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

NJ MANIFEST:

EPA Id:	NYD081903163
Mail Address:	FAYETTE AVE
Mail City/State/Zip:	MAMARONECK, NY 10543
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	000680974VES
EPA ID:	NYD081903163
Date Shipped:	7/26/2012
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported

ANGELO & JOEY AUTO BODY INC (Continued) **1000205250**

Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	MAMARONECK, NY 10543
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F003 D001 F005 D035
Hand Code:	Not reported
Quantity:	480.00 Pounds

Manifest Number:	000723848VES
EPA ID:	NYD081903163
Date Shipped:	3/2/2015
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported

ANGELO & JOEY AUTO BODY INC (Continued) **1000205250**

Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	MAMARONECK, NY 10543
Reason Load Was Rejected:	Not reported

Manifest Number:	000212058VES
EPA ID:	NYD081903163
Date Shipped:	04/22/2009
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/22/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/27/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	MAMARONECK, NY 10543

ANGELO & JOEY AUTO BODY INC (Continued) **1000205250**

Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: F003
Hand Code: H141
Quantity: 1400 P

R96 **VILLAGE MAMARONECK** **NY LTANKS** **S105230258**
NNW **NORTHRUP AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.153 mi.
809 ft. **Site 1 of 2 in cluster R**

Relative: **Lower**
Actual: **20 ft.**

LTANKS:
Name: VILLAGE MAMARONECK
Address: NORTHRUP AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0107289 / 2006-12-19
Facility ID: 0107289
Site ID: 176132
Spill Date: 2001-10-15
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: D5
Cleanup Ceased: Not reported
SWIS: 6032
Investigator: JBODee
Referred To: WESTCHESTER CNTY HEALTH DEPT
Reported to Dept: 2001-10-16
CID: 211
Water Affected: Not reported
Spill Notifier: Citizen
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 2001-10-16
Spill Record Last Update: 2006-12-19
Spiller Name: Not reported
Spiller Company: VILLAGE MAMARONECK
Spiller Address: NORTHRUP AV
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 148032
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD - TORRES "
Remarks: "caller states there is ast leaking in scrap metal site run by village - no clean up"

All Materials:
Site ID: 176132

VILLAGE MAMARONECK (Continued) **S105230258**

Operable Unit ID:	844317
Operable Unit:	01
Material ID:	560311
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

O97 **SPILL NUMBER 0103565** **NY LTANKS S105055216**
SW **604 WAVERLY AVE** **NY Spills N/A**
1/8-1/4 **MAMARONECK, NY**
0.153 mi.
810 ft. **Site 6 of 7 in cluster O**

Relative: **Higher**
Actual: **28 ft.**

LTANKS:

Name:	SPILL NUMBER 0103565
Address:	604 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0103565 / 2001-11-29
Facility ID:	0103565
Site ID:	305121
Spill Date:	2001-07-02
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2001-07-02
CID:	207
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2001-07-02
Spill Record Last Update:	2002-04-29
Spiller Name:	MATT PICO
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	J&N LEASING
Spiller Phone:	(914) 698-7735
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	246472
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCDOH 07/02/2001 D.T. LEFT MESSAGE AT J&N LEASING FOR OWNER, MATT PICO, TO CONTACT DEC. WCDOH ON SCENE - JOE MANCINI - AND WILL HANDLE. 11/29/2001 LETTER SENT TO J&N LEASING BY J. MANCINI (WCDOH); BASED ON

SPILL NUMBER 0103565 (Continued) **S105055216**

REVIEW OF CLOSURE REPORT. CONTAMINATION AT SLIGHTLY OVER ACTION LEVELS; CONSIDERING THE AREA SURROUNDING THE PROPERTY, THESE LEVELS ARE ACCEPTABLE AND WCDOH REQUIRES NO FURTHER ACTION. "

Remarks: "caller excavating a 50 y/o tank - found leaking - excavation continuing"

All Materials:

Site ID:	305121
Operable Unit ID:	842098
Operable Unit:	01
Material ID:	535644
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	SPILL NUMBER 0103567
Address:	604 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0103567 / 2001-07-17
Facility ID:	0103567
Facility Type:	ER
DER Facility ID:	246472
Site ID:	305122
DEC Region:	3
Spill Cause:	Housekeeping
Spill Class:	C3
SWIS:	6032
Spill Date:	2001-07-02
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-07-02
CID:	233
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Health Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-07-02
Spill Record Last Update:	2001-08-06
Spiller Name:	J&N LEASING
Spiller Company:	J&N LEASING
Spiller Address:	604 WAVERLY AVE
Spiller Company:	001
Contact Name:	J&N LEASING
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 07/02/2001 WCDOH ON SCENE - JOE MANCINI. WCDOH TO HANDLE.

SPILL NUMBER 0103565 (Continued) **S105055216**

07/17/2001 THIS SPILL NUMBER CLOSED - DUPLICATE REPORT. SEE SPILL NUMBER 01-03565."

Remarks: "caller states that there is fuel spill on and near an above ground tank at the above location spill is to pavement under tank and soil in area some material may have entered a ground drain near tank also pads have been placed but not cleaned up "

All Materials:

Site ID:	305122
Operable Unit ID:	842100
Operable Unit:	01
Material ID:	535646
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	CONSTRUCTION SITE
Address:	604 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0501352 / 2005-05-06
Facility ID:	0501352
Facility Type:	ER
DER Facility ID:	291236
Site ID:	344551
DEC Region:	3
Spill Cause:	Housekeeping
Spill Class:	C3
SWIS:	6000
Spill Date:	2005-05-03
Investigator:	WCHD
Referred To:	Not reported
Reported to Dept:	2005-05-03
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Health Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-05-03
Spill Record Last Update:	2005-05-06
Spiller Name:	ROLAND RICCARDI
Spiller Company:	CONSTRUCTION SITE
Spiller Address:	604 WAVERLY AVE
Spiller Company:	001
Contact Name:	ROLAND RICCARDI
DEC Memo:	""
Remarks:	" SMALL SPILL 1 GALLON AND ARE IN PROCESS OF CLEANING UP; "

SPILL NUMBER 0103565 (Continued) **S105055216**

All Materials:

Site ID:	344551
Operable Unit ID:	1103191
Operable Unit:	01
Material ID:	583397
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

O98 **J & N LEASING & BUILDING MATERIALS CORP.** **NY UST U003856671**
SW **604 WAVERLY AVENUE** **NY AST N/A**
1/8-1/4 **MAMARONECK (T), NY 10543**
0.153 mi.
810 ft. **Site 7 of 7 in cluster O**

Relative: **Higher**
Actual: **28 ft.**

WESTCHESTER CO. UST:

Name:	J & N LEASING & BUILDING MATERIALS CORP.
Address:	604 WAVERLY AVENUE
City,State,Zip:	MAMARONECK (T), NY 10543
Id/Status:	3-800792 / Unregulated: <1101 gal. PBS
Operator Name:	John Fay
Owner Name:	J & N Leasing & Building Materials Corp
Owner Street:	604 Waverly Avenue
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	Not reported
Tank Number:	1
Status:	3. Closed - Removed
Capacity:	2000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	07/02/2001
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	5. Vent Whistle
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	3. Gravity

J & N LEASING & BUILDING MATERIALS CORP. (Continued) **U003856671**

Tank Number:	2
Status:	3. Closed - Removed
Capacity:	550
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	07/06/2001
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	3. Gravity

WESTCHESTER CO. AST:

Name:	J & N LEASING & BUILDING MATERIALS CORP.
Address:	604 WAVERLY AVENUE
City,State,Zip:	MAMARONECK (T), NY 10543
PBS Number:	3-800792
Site Status:	Unregulated: <1101 gal. PBS
GDS Number:	Not reported
Operator Name:	John Fay
Owner Name:	J & N Leasing & Building Materials Corp
Owner Street:	604 Waverly Avenue
Owner Address2:	Not reported
Owner City/State/Zip:	Mamaroneck, NY 10543

Tank Number:	01
Status:	1. In-Service
Date Installation:	11/01/2001
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	Not reported
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	Not reported
Dispenser:	3. Gravity

J & N LEASING & BUILDING MATERIALS CORP. (Continued) **U003856671**

Tank Number:	02
Status:	1. In-Service
Date Installation:	02/01/1992
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	Not reported
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	Not reported
Dispenser:	3. Gravity

Tank Number:	03
Status:	1. In-Service
Date Installation:	02/01/1992
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	Not reported
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	Not reported
Dispenser:	3. Gravity

Tank Number:	04
Status:	1. In-Service
Date Installation:	06/01/1995
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	Not reported
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None

J & N LEASING & BUILDING MATERIALS CORP. (Continued) **U003856671**

Tank Leak Detection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	Not reported
Dispenser:	3. Gravity

Tank Number:	05
Status:	1. In-Service
Date Installation:	09/01/1996
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	Not reported
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	Not reported
Dispenser:	3. Gravity

S99 **VILLAGE OF MAMARONECK TRANSFER STATION** **NY SWF/LF** **S102105133**
North **313 FAYETTE AVENUE** **NY LTANKS** **N/A**
1/8-1/4 **MAMARONECK, NY 0** **NY Spills**
0.155 mi.
820 ft. **Site 1 of 6 in cluster S**

Relative: SWF/LF:
Lower

Name:	MAMARONECK TS (V)
Address:	313 FAYETTE AVENUE
City,State,Zip:	MAMARONECK, NY
Flag:	ACTIVE
Region Code:	3
Phone Number:	9147777745
Owner Name:	Village of Mamaroneck
Owner Type:	Municipal
Owner Address:	123 Mamaroneck Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Mamaroneck, NY 10543
Owner Email:	Not reported
Owner Phone:	9147777703
Contact Name:	Tony Iacovelli
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported

Actual:
20 ft.

VILLAGE OF MAMARONECK TRANSFER STATION (Continued) **S102105133**

Contact Email: tiacovelli@vomny.org
Contact Phone: 9147777745
Activity Desc: Transfer station - registration
Activity Number: [60R05]
Active: Yes
East Coordinate: 605359
North Coordinate: 4533164
Accuracy Code: Not reported
Regulatory Status: Registration
Waste Type: Yard Waste
Authorization #: 60R05
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

Name: VILLAGE OF MAMARONECK TRANSFER STATION
Address: 313 FAYETTE AVENUE
City,State,Zip: MAMARONECK, NY 0
Flag: INACTIVE
Region Code: 3
Phone Number: Not reported
Owner Name: Village of Mamaroneck
Owner Type: Not reported
Owner Address: PO Box 369
Owner Addr2: Not reported
Owner City,St,Zip: Mamaroneck, NY 10543
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Transfer station - registration
Activity Number: [60R05]
Active: No
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

LTANKS:
Name: DPW-MAMARONECK
Address: 313 FAYETTE ST
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 8907661 / 1992-07-30
Facility ID: 8907661

VILLAGE OF MAMARONECK TRANSFER STATION (Continued) **S102105133**

Site ID:	173084
Spill Date:	1989-11-01
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1992-07-30
SWIS:	6032
Investigator:	wxwadswo
Referred To:	Not reported
Reported to Dept:	1989-11-01
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-11-10
Spill Record Last Update:	1992-07-30
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	145607
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was W. WADSWORTH 11/14/89: TANK PASSED RETEST ON 11/14/89. "
Remarks:	"TESTER SUSPECTS PIPING PROBLEM. E.I.R."

All TTF:

Facility ID:	8907661
Spill Number:	8907661
Spill Tank Test:	1536347
Site ID:	173084
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	173084
Operable Unit ID:	935279
Operable Unit:	01
Material ID:	444447

VILLAGE OF MAMARONECK TRANSFER STATION (Continued) **S102105133**

Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	ABANDONED CONTAINERS
Address:	313 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0604310 / 2007-02-20
Facility ID:	0604310
Facility Type:	ER
DER Facility ID:	317268
Site ID:	367258
DEC Region:	3
Spill Cause:	Abandoned Drums
Spill Class:	C1
SWIS:	6032
Spill Date:	2006-07-18
Investigator:	JPCUMMIN
Referred To:	WCDOH
Reported to Dept:	2006-07-18
CID:	444
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Health Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-07-18
Spill Record Last Update:	2007-02-20
Spiller Name:	KAREN
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	KAREN
DEC Memo:	"Containers were removed by Tri State. jc"
Remarks:	"SOMEONE DROPPED OFF THE ABOVE MATERIALS AT THE DPW AND SOME ITEMS ARE LEAKING WOULD LIKEA CALL BACK AND PICK UP"

All Materials:

Site ID:	367258
Operable Unit ID:	1125177
Operable Unit:	01
Material ID:	2114698
Material Code:	0057A
Material Name:	pesticides
Case No.:	Not reported
Material FA:	Other

VILLAGE OF MAMARONECK TRANSFER STATION (Continued) **S102105133**

Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	367258
Operable Unit ID:	1125177
Operable Unit:	01
Material ID:	2114697
Material Code:	0055A
Material Name:	paint
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	367258
Operable Unit ID:	1125177
Operable Unit:	01
Material ID:	2114699
Material Code:	0065A
Material Name:	unknown non-petro/non-haz material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	MAMARONECK RIVER
Address:	313 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9210620 / 1992-12-17
Facility ID:	9210620
Facility Type:	ER
DER Facility ID:	317268
Site ID:	118117
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	A4
SWIS:	6032
Spill Date:	1992-12-14
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1992-12-14
CID:	Not reported
Water Affected:	MAMARONECK RIVER
Spill Source:	Unknown
Spill Notifier:	Fire Department
Cleanup Ceased:	1992-12-17
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

VILLAGE OF MAMARONECK TRANSFER STATION (Continued) **S102105133**

Remediation Phase:	0
Date Entered In Computer:	2003-12-02
Spill Record Last Update:	2003-12-02
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 09/27/95: This is additional information about material spilled from the translation of the old spill file: SHEEN."
Remarks:	"WELL PUMPING STATION NEARBY SPILL MAYBE OUT OF POINT OF DISCHARGE 100' DUE WEST LOCATION ABOVE NOTIFIED WCHD & PD USED BOOMS AND BLANKETS"

All Materials:

Site ID:	118117
Operable Unit ID:	977250
Operable Unit:	01
Material ID:	404070
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

S100 **VILLAGE OF MAMARONECK D P W** **RCRA NonGen / NLR** **1000555604**
North **313 FAYETTE AVE** **NYD986981447**
1/8-1/4 **MAMARONECK, NY 10543**
0.155 mi.
820 ft. **Site 2 of 6 in cluster S**

Relative: **Lower**

Actual: **20 ft.**

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	VILLAGE OF MAMARONECK D P W
Facility address:	313 FAYETTE AVE MAMARONECK, NY 10543-2306
EPA ID:	NYD986981447
Mailing address:	PO BOX 369 MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	PO BOX 369 MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	VILLAGE OF MAMARONECK
Owner/operator address:	PO BOX 369 MAMARONECK, NY 10543

VILLAGE OF MAMARONECK D P W (Continued) **1000555604**

Owner/operator country: US
Owner/operator telephone: 914-381-5500
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: VILLAGE OF MAMARONECK
Owner/operator address: PO BOX 369
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-381-5500
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: VILLAGE OF MAMARONECK D P W
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: VILLAGE OF MAMARONECK D P W
Classification: Not a generator, verified

Date form received by agency: 10/09/1991
Site name: VILLAGE OF MAMARONECK D P W
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001

VILLAGE OF MAMARONECK D P W (Continued) **1000555604**

. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

S101 **VILLAGE OF MAMARONECK** **NY AST** **A100364623**
North **313 FAYETTE AVENUE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.155 mi.
820 ft. **Site 3 of 6 in cluster S**

Relative: WESTCHESTER CO. AST:
Lower

Actual: Name: VILLAGE OF MAMARONECK
20 ft. Address: 313 FAYETTE AVENUE
City,State,Zip: MAMARONECK, NY 10543
PBS Number: 3-449385
Site Status: Active
GDS Number: 3553200376
Operator Name: Tony Iacovelli
Owner Name: Village of Mamaroneck
Owner Street: P.O. Box 369
Owner Address2: Not reported
Owner City/State/Zip: Mamaroneck, NY 10543

Tank Number: 006
Status: 1. In-Service
Date Installation: 02/01/2008
Capacity: 275
Product Stored: 0021. Transmission Fluid
Product Stored Percent: Not reported
Date Perm Closure: 01/01/1900
Tank Location: 3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Leak Detection: 0. None
Tank Secondary Containment: other
Piping Location: 1. Aboveground
Piping Type: 1. Steel/Carbon/ Steel/Iron
Piping External Protection: 0. None
Piping Leak Detection: 9. Exempt suction piping
Piping Secondary Containment: 0. None
Overfill Prevention: 4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention: 1. Catch Basin
Dispenser: 2. Suction

Tank Number: 007
Status: 1. In-Service
Date Installation: 02/01/2008
Capacity: 275

VILLAGE OF MAMARONECK (Continued) **A100364623**

Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	0. None
Tank Secondary Containment:	other
Piping Location:	0. No Piping
Piping Type:	0. No Piping
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	0. None

Tank Number:	008
Status:	1. In-Service
Date Installation:	02/01/2008
Capacity:	275
Product Stored:	0015. Motor Oil
Product Stored Percent:	0
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	0. None
Tank Secondary Containment:	other
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	0. None
Piping Leak Detection:	9. Exempt suction piping
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	009
Status:	1. In-Service
Date Installation:	02/01/2008
Capacity:	275
Product Stored:	0010. Hydraulic Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	0. None,6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	other
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ Steel/Iron

VILLAGE OF MAMARONECK (Continued) **A100364623**

Piping External Protection:	0. None
Piping Leak Detection:	9. Exempt suction piping
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

S102 **VILLAGE OF MAMARONECK** **NY UST** **U004177588**
North **313 FAYETTE AVENUE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.155 mi.
820 ft. **Site 4 of 6 in cluster S**

Relative: WESTCHESTER CO. UST:
Lower

Actual:
20 ft.

Name:	VILLAGE OF MAMARONECK
Address:	313 FAYETTE AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-449385 / Active
Operator Name:	Tony Iacovelli
Owner Name:	Village of Mamaroneck
Owner Street:	P.O. Box 369
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	3553200376
Tank Number:	003
Status:	1. In-Service
Capacity:	4000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	07/01/2004
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	3. Fiberglass liner (FRP)
Tank External Protection:	4. Fiberglass
Tank Secondary Containment:	2. Vault (w/ access)
Piping Location:	2. Underground/on Ground
Piping Type:	6. Fiberglass Reinforced Plastic (FRP)
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm,5. Vent Whistle
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	0. None
Dispenser:	1. Submersible
Tank Number:	004
Status:	1. In-Service
Capacity:	4000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	07/01/2004
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection

VILLAGE OF MAMARONECK (Continued) **U004177588**

Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	3. Fiberglass liner (FRP)
Tank External Protection:	4. Fiberglass
Tank Secondary Containment:	2. Vault (w/ access)
Piping Location:	2. Underground/on Ground
Piping Type:	6. Fiberglass Reinforced Plastic (FRP)
Piping External Protection:	4. Fiberglass
Overfill Prevention:	2. High Level Alarm,5. Vent Whistle
Piping Secondary Containment:	6. Remote impounding area
Spill Prevention:	0. None
Dispenser:	1. Submersible

Tank Number:	005
Status:	3. Closed - Removed
Capacity:	500
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	09/01/2001
Date Perm Closure:	05/01/2008
Tank Location:	Not reported
Tank Type:	99. Other
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Piping Secondary Containment:	Not reported
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	1
Status:	4. Closed - in place
Capacity:	1000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	10/01/1994
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

VILLAGE OF MAMARONECK (Continued) **U004177588**

Tank Number:	2
Status:	4. Closed - in place
Capacity:	2000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	10/01/1994
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

T103 **CON EDISON** **NY MANIFEST** **S119077184**
ENE **333 HOYT AVE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.156 mi.
822 ft. **Site 1 of 4 in cluster T**

Relative: **Lower**
Actual: **22 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	333 HOYT AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004822348
Facility Status:	Not reported
Location Address 1:	HOYT AVE & FENIMORE RD
Code:	BP
Location Address 2:	VS 804
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004822348
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported

CON EDISON (Continued) **S119077184**

Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	08/12/2015
Trans1 Recv Date:	08/12/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/13/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004822348
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014472213JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	75
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

T104 **CON EDISON** **RCRA NonGen / NLR** **1019906552**
ENE **333 HOYT AVE** **FINDS** **NYP004822348**
1/8-1/4 **MAMARONECK, NY 10543** **ECHO**
0.156 mi.
822 ft. **Site 2 of 4 in cluster T**

Relative:
Lower

Actual:
22 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/12/2015
Facility name:	CON EDISON
Facility address:	333 HOYT AVE MAMARONECK, NY 10543
EPA ID:	NYP004822348
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	08/12/2015
Site name:	CON EDISON
Classification:	Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069659426

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CON EDISON (Continued) **1019906552**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1019906552
Registry ID:	110069659426
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069659426

Q105 **CON EDISON** **NJ MANIFEST** **S120673560**
NE **WAVERLEY AVE & PLAZA AVE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.157 mi.
827 ft. **Site 5 of 9 in cluster Q**

Relative:
Lower

Actual:
18 ft.

NJ MANIFEST:

EPA Id:	NYP004803136
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014473078JJK
EPA ID:	NYP004803136
Date Shipped:	7/7/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD006982359
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported

CON EDISON (Continued) **S120673560**

Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Q106 **CON EDISON** **NY MANIFEST** **S119076320**
NE **WAVERLEY AVE & PLAZA AVE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.157 mi.
827 ft. **Site 6 of 9 in cluster Q**

Relative: **Lower**
Actual: **18 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	WAVERLEY AVE & PLAZA AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004803136
Facility Status:	Not reported
Location Address 1:	WAVERLY AVE & PLAZA AVE
Code:	BP
Location Address 2:	MH 903
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004803136
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported

CON EDISON (Continued) **S119076320**

Year:	2015
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	07/07/2015
Trans1 Recv Date:	07/07/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/09/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004803136
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014473078JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	D008
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Q107
NE
1/8-1/4
0.157 mi.
827 ft.

CON EDISON — **RCRA NonGen / NLR** — **1019904873**
WAVERLEY AVE & PLAZA AVE — **NYP004803136**
MAMARONECK, NY 10543

Site 7 of 9 in cluster Q

Relative:
Lower

Actual:
18 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/07/2015
Facility name:	CON EDISON
Facility address:	WAVERLEY AVE & PLAZA AVE MAMARONECK, NY 10543
EPA ID:	NYP004803136
Mailing address:	IRVING PL 15TH FL NE NEW YORK, NY 10003
Contact:	THOMAS TEELING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	07/07/2015
Site name:	CON EDISON
Classification:	Large Quantity Generator

Violation Status: No violations found

U108
NNE
1/8-1/4
0.157 mi.
831 ft.

SPILL NUMBER 0211344 — **NY LTANKS** — **S105998159**
310 CENTER AVE — **N/A**
MAMARONECK, NY

Site 1 of 2 in cluster U

Relative:
Lower

Actual:
17 ft.

LTANKS:

Name:	SPILL NUMBER 0211344
Address:	310 CENTER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0211344 / 2003-02-13
Facility ID:	0211344

SPILL NUMBER 0211344 (Continued) **S105998159**

Site ID:	245466
Spill Date:	2003-02-13
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	2003-02-13
CID:	405
Water Affected:	Not reported
Spill Notifier:	Health Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-02-13
Spill Record Last Update:	2003-05-12
Spiller Name:	Not reported
Spiller Company:	APPALO PETRO
Spiller Address:	500 KINGSLAND AVE
Spiller County:	001
Spiller Contact:	STEFAN GOREAU
Spiller Phone:	(914) 813-5168
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	201601
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"TANKER TRUCK WAS FILLING UP THE TANK AND THE EXCAVATOR WAS NOT HEARD BY THE DRIVER CAUSED THE SPILL - ABOUT 1/2 GALLON WENT INTO THE STORM DRAIN "

All Materials:

Site ID:	245466
Operable Unit ID:	862389
Operable Unit:	01
Material ID:	511136
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	5.00
Oxygenate:	Not reported

109
SE
1/8-1/4
0.161 mi.
851 ft.

SEREWICZ - TTF
316 HEATHCOTE AVE
MAMARONECK, NY

NY LTANKS **S117364551**
N/A

Relative:
Higher

Actual:
50 ft.

LTANKS:

Name:	SEREWICZ - TTF
Address:	316 HEATHCOTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1407613 / 2015-02-02
Facility ID:	1407613
Site ID:	501139
Spill Date:	2014-10-23
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2014-10-23
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-10-23
Spill Record Last Update:	2015-02-02
Spiller Name:	Not reported
Spiller Company:	SEREWICZ
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	SEREWICZ
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	456139
DEC Memo:	"TTF at private home done for a potential buyer....mm 10/29/14: I spoke with the home owner Ann Serewicz. The UST is of unknown age but was tested and passed in 1997 when she bought the property. In 2006 she had Tarricone fuel replace all the piping. House is currently for sale, she has decided to have the tank removed and replaced. She is getting estimates, report will follow. jod 2/2/15: UST removed by MH Tank. No evidence of a leak or contamination found. Based upon the information available to DEC, no further action is required at this time. jod"
Remarks:	"1000gal ust"

All TTF:

Facility ID:	1407613
Spill Number:	1407613
Spill Tank Test:	2496231
Site ID:	501139
Tank Number:	1
Tank Size:	1000
Material:	0001

SEREWICZ - TTF (Continued) **S117364551**

EPA UST:	False
UST:	True
Cause:	99
Source:	00
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	JBODEE
Last Modified Date:	Not reported

All Materials:

Site ID:	501139
Operable Unit ID:	1250541
Operable Unit:	01
Material ID:	2252286
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

110
NNW
1/8-1/4
0.163 mi.
859 ft.

L & H STEEL DRUMS **RCRA NonGen / NLR** **1000132607**
327 NORTHRUP AVE **FINDS** **NYD980646186**
MAMARONECK, NY 10543 **ECHO**

Relative:
Lower

Actual:
19 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	L & H STEEL DRUMS
Facility address:	327 NORTHRUP AVE MAMARONECK, NY 10543
EPA ID:	NYD980646186
Mailing address:	PO BOX 605 YONKERS, NY 10702
Contact:	THOMAS GLINSKI
Contact address:	PO BOX 605 YONKERS, NY 10702
Contact country:	US
Contact telephone:	914-963-6996
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	THOMAS GLINSKI
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported

L & H STEEL DRUMS (Continued) **1000132607**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: THOMAS GLINSKI
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: L & H STEEL DRUMS
Classification: Not a generator, verified

Date form received by agency: 11/10/1980
Site name: L & H STEEL DRUMS
Classification: Unverified

Hazardous Waste Summary:

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004388564

L & H STEEL DRUMS (Continued) **1000132607**

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000132607
Registry ID:	110004388564
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004388564

S111 **RECYCLING INDUSTRIES CORP** **NY SWF/LF** **S102104488**
North **306 FAYETTE AVE** **NY LTANKS** **N/A**
1/8-1/4 **MAMARONECK, NY 10543** **NY Spills**
0.163 mi. **NY Financial Assurance**
862 ft. **Site 5 of 6 in cluster S**

Relative: **Lower**
Actual: **20 ft.**

SWF/LF:

Name:	RECYCLING INDUSTRIES TRANSFER STATION LLC (COVANTA)(AWTS)
Address:	306 FAYETTE AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Flag:	ACTIVE
Region Code:	3
Phone Number:	9733455339
Owner Name:	Covanta
Owner Type:	Private
Owner Address:	445 South Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Morristown, NJ 7960
Owner Email:	Not reported
Owner Phone:	8623455339
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[60T13]
Active:	Yes
East Coordinate:	605395
North Coordinate:	4533139
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	MSW (Residential/Institutional & Commercial);Construction & Demolition Debris;Commingled Paper & Containers;Metals (Ferrous & Non-Ferrous)
Authorization #:	3-5532-00104/00005
Authorization Date:	01/04/2013
Expiration Date:	01/04/2018
Operator Name:	Nick Orlando
Operator Type:	Private

RECYCLING INDUSTRIES CORP (Continued) **S102104488**

Laste Date: Not reported

LTANKS:

Name:	RECYCLING CENTER
Address:	306 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0513973 / 2006-03-07
Facility ID:	0513973
Site ID:	360569
Spill Date:	2006-03-07
Spill Cause:	Tank Failure
Spill Source:	Commercial Vehicle
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	DXTRAVER
Referred To:	Not reported
Reported to Dept:	2006-03-07
CID:	444
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-03-07
Spill Record Last Update:	2006-04-05
Spiller Name:	Not reported
Spiller Company:	CRP TRUCKING
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	CARMEN RAPLEE
Spiller Phone:	(914) 698-9161
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	310736
DEC Memo:	"03/09/06: Dec on site. Speedi Dri being used to contain and clean up. So storm drains impacted. NFA closed"
Remarks:	"THE TRUCK PUNCTURED THE OIL TANK ON THE SCALE AND DEC ZAC IS ON THE SCENE> SPEEDI DRI IS DOWN:"

All Materials:

Site ID:	360569
Operable Unit ID:	1117713
Operable Unit:	01
Material ID:	2108224
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	75.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

RECYCLING INDUSTRIES CORP (Continued) **S102104488**

SPILLS:

Name:	RECYCLING INDUSTRIES CORP
Address:	306 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0700105 / 2007-06-28
Facility ID:	0700105
Facility Type:	ER
DER Facility ID:	310736
Site ID:	379378
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	6032
Spill Date:	2007-04-04
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2007-04-04
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-04-04
Spill Record Last Update:	2007-07-05
Spiller Name:	CARMEN RAPLEE
Spiller Company:	RECYCLING INDUSTRIES CORP
Spiller Address:	306 FAYETTE AVE.
Spiller Company:	001
Contact Name:	CARMEN RAPLEE
DEC Memo:	"Oil trank punctured at scale. Material contained on concrete - no drains impacted. Cleaning up with speedi-dry and pads. (Copy to DSHW)."
Remarks:	"DRIVER HIT A SCALE AND CAUSED A SPILL ON CONCRETE AND IS CONTAINED AND PADS ARE DOWN AND IN PROCESS OF CLEANING UP"

All Materials:

Site ID:	379378
Operable Unit ID:	1136858
Operable Unit:	01
Material ID:	2126806
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	ON WIEGHT SCALE
Address:	306 FAYETTE AVE.

RECYCLING INDUSTRIES CORP (Continued) **S102104488**

City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0708151 / 2007-10-25
Facility ID:	0708151
Facility Type:	ER
DER Facility ID:	338553
Site ID:	388995
DEC Region:	3
Spill Cause:	Other
Spill Class:	C4
SWIS:	6032
Spill Date:	2007-10-25
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2007-10-25
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-10-25
Spill Record Last Update:	2007-11-14
Spiller Name:	Not reported
Spiller Company:	FINOCCHIO BROTHERS
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	CARMEN RAPLEE
DEC Memo:	"(V. McCabe)- Rolled off truck. Contained to scale area. Recovered w/ 5 gallon buckets. Spill picked up with sorbents & speedydry. NFA"
Remarks:	"BEING CONTAINED; TRUCK HIT SCALE CAUSING DAMAGE TO TANK; NOPT YET CLEANED;"

All Materials:

Site ID:	388995
Operable Unit ID:	1146148
Operable Unit:	01
Material ID:	2136511
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	RECYCLING INDUSTRIES CORP
Address:	306 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9200024 / 1992-04-06
Facility ID:	9200024
Facility Type:	ER
DER Facility ID:	310736

RECYCLING INDUSTRIES CORP (Continued) **S102104488**

Site ID:	186651
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	A3
SWIS:	6032
Spill Date:	1992-04-01
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1992-04-01
CID:	Not reported
Water Affected:	SHELDRAKE RIVER
Spill Source:	Commercial Vehicle
Spill Notifier:	Affected Persons
Cleanup Ceased:	1992-04-06
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-04-06
Spill Record Last Update:	2006-04-05
Spiller Name:	Not reported
Spiller Company:	TRUCK BELONGING TO SAME
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"MR. LACAVALLA SAID IT SMELLS LIKE GASOLINE WCHD SAYS ITS HYDRAULIC OIL SPILL CONTAINED BY WCHD SPOKE WITH BILL SCHNEIDER"

All Materials:

Site ID:	186651
Operable Unit ID:	967257
Operable Unit:	01
Material ID:	414869
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	4.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	RECYCLING INDUSTRIES CORP
Address:	306 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY 10543
Spill Number/Closed Date:	0807592 / 2008-10-06
Facility ID:	0807592
Facility Type:	ER
DER Facility ID:	354201
Site ID:	404946
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	6032

RECYCLING INDUSTRIES CORP (Continued) **S102104488**

Spill Date:	2008-10-06
Investigator:	kabrowne
Referred To:	Not reported
Reported to Dept:	2008-10-06
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2008-10-06
Spill Record Last Update:	2008-10-06
Spiller Name:	JOHN
Spiller Company:	J BASS AND SONS
Spiller Address:	9-11 CARLETON AVE
Spiller Company:	999
Contact Name:	CARMEN RAPLEE
DEC Memo:	"Mike Bass, (914)490-8859, owner of the truck is conduct clean up. No waterways impacted. Approx 10 gal. of hydraulic fluid spilled. NFA."
Remarks:	"CALLER STATES THAT A ROLL OFF TRUCK HIT THE EDGE OF THE SCALE AND RUPTURED A HYDRAULIC LINE. ABOUT 15 GALLONS WAS SPILLED AND CONTAINED. CLEAN UP IS IN PROGRESS."

All Materials:

Site ID:	404946
Operable Unit ID:	1161589
Operable Unit:	01
Material ID:	2152792
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	15.00
Oxygenate:	Not reported

Name:	RECYCLING INDUSTRIES CORP
Address:	306 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0501076 / 2005-05-22
Facility ID:	0501076
Facility Type:	ER
DER Facility ID:	310736
Site ID:	344212
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	6032
Spill Date:	2005-04-26
Investigator:	JBODee
Referred To:	WCHD
Reported to Dept:	2005-04-26

RECYCLING INDUSTRIES CORP (Continued) **S102104488**

CID:	406
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-04-26
Spill Record Last Update:	2006-04-05
Spiller Name:	UNKNOWN NAME
Spiller Company:	ALL COUNTY HAULING
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	CARMEN RAPLEE
DEC Memo:	"Cleanup completed within hours. Wayne Schneider of WCHD inspected. NFA jod"
Remarks:	"Driver hit the corner of the scale punctured the hydraulic oil tank and the tire of the truck. Material was spilled on land but the location is next to Sheldrake Creek. Putting a burm up to prevent material from going into the creek. Fire Dept is on scene right now for clean up."

All Materials:

Site ID:	344212
Operable Unit ID:	1102866
Operable Unit:	01
Material ID:	583087
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	60.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY Financial Assurance 1:

Name:	RECYCLING INDUSTRIES TRANSFER STATION LLC (COVANTA)(AWTS)
Address:	306 FAYETTE AVENUE
City,State,Zip:	MAMARONECK, NY
Owner Name:	Covanta
Region:	3
Estimate Type:	Not reported
Estimate Amount:	Not reported
Estimate Date:	Not reported
Mechanism:	Standby trust fund
Mechanism Amount:	0
Issue Date:	11/28/2007
Expiration Date:	Not reported
Activity Number:	60T13
Activity Description:	z Retired - Transfer station - permit

Name:	RECYCLING INDUSTRIES TRANSFER STATION LLC (COVANTA)(AWTS)

RECYCLING INDUSTRIES CORP (Continued) **S102104488**

Address:	306 FAYETTE AVENUE
City,State,Zip:	MAMARONECK, NY
Owner Name:	Covanta
Region:	3
Estimate Type:	Closure Estimate
Estimate Amount:	80750
Estimate Date:	03/31/2011
Mechanism:	Surety bond - Payment
Mechanism Amount:	100000
Issue Date:	12/08/2007
Expiration Date:	Not reported
Activity Number:	60T13
Activity Description:	z Retired - Transfer station - permit

S112 **RECYCLING INDUSTRIES CORP** **NY UST** **U004308775**
North **306 FAYETTE AVE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.163 mi.
862 ft. **Site 6 of 6 in cluster S**

Relative: WESTCHESTER CO. UST:
Lower

Name:	RECYCLING INDUSTRIES CORP
Address:	306 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-176184 / Unregulated: <1101 gal. PBS
Operator Name:	Recycling Industries Corp
Owner Name:	Recycling Industries Corp
Owner Street:	306 Fayette Ave
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	Not reported
Tank Number:	1
Status:	4. Closed - in place
Capacity:	15000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1979
Date Perm Closure:	07/01/1992
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Actual:
20 ft.

113
NW
1/8-1/4
0.164 mi.
864 ft.

FAIRWAY AUTO BODY WORKS INC
725 FENIMORE RD
MAMARONECK, NY 10543

RCRA-VSQG
US AIRS
FINDS
ECHO
NY MANIFEST

1000370621
NYD012859278

Relative:
Lower

Actual:
17 ft.

RCRA-VSQG:

Date form received by agency:	01/01/2007
Facility name:	FAIRWAY AUTO BODY WORKS INC
Facility address:	725 FENIMORE RD MAMARONECK, NY 10543
EPA ID:	NYD012859278
Mailing address:	FENIMORE RD MAMARONECK, NY 10543
Contact:	PAUL SAMMA
Contact address:	FENIMORE RD MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-698-3393
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	JOHN POMPONIO- PRES
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JOHN POMPONIO- PRES
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

FAIRWAY AUTO BODY WORKS INC (Continued) **1000370621**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: FAIRWAY AUTO BODY WORKS INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/22/1986
Site name: FAIRWAY AUTO BODY WORKS INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

US AIRS MINOR:
Envid: 1000370621
Region Code: 02
Programmatic ID: AIR NY0000003553200143
Facility Registry ID: 110004345600
D and B Number: Not reported
Primary SIC Code: 7532
NAICS Code: 811121
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000003553200143
Facility Registry ID: 110004345600
Air Operating Status Code: OPR
Default Air Classification Code: MIN

FAIRWAY AUTO BODY WORKS INC (Continued) **1000370621**

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-05-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

US AIRS MINOR:
Envid: 1000370621
Region Code: 02
Programmatic ID: AIR NY0000003553200143
Facility Registry ID: 110004345600
D and B Number: Not reported
Primary SIC Code: 7532
NAICS Code: 811121
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000003553200143
Facility Registry ID: 110004345600
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-05-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:

Registry ID: 110004345600

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

FAIRWAY AUTO BODY WORKS INC (Continued) **1000370621**

corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000370621
Registry ID:	110004345600
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004345600

NY MANIFEST:

Name:	FAIRWAY AUTO BODY WORKS INC
Address:	725 FENIMORE RD
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYD012859278
Facility Status:	Not reported
Location Address 1:	725 FENIMORE ROAD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD012859278
Mailing Name:	FAIRWAY AUTO BODY WORKS INC
Mailing Contact:	FAIRWAY AUTO BODY WORKS INC
Mailing Address 1:	725 FENIMORE ROAD
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146983393

NY MANIFEST:

Document ID:	CTF1051539
Manifest Status:	Not reported
seq:	Not reported
Year:	2004
Trans1 State ID:	P298709IL
Trans2 State ID:	Not reported
Generator Ship Date:	05/07/2004
Trans1 Recv Date:	05/07/2004
Trans2 Recv Date:	Not reported

FAIRWAY AUTO BODY WORKS INC (Continued) **1000370621**

TSD Site Recv Date:	05/14/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD012859278
Trans1 EPA ID:	NJD080631369
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD021816
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Q114 **BLOOD BROTHERS AUTO WRECKERS** **RCRA NonGen / NLR** **1000546499**
NE **270 WAVERLY AVE** **FINDS** **NYD012858809**
1/8-1/4 **MAMARONECK, NY 10543** **ECHO**
0.164 mi. **NY MANIFEST**
868 ft. **Site 8 of 9 in cluster Q**

Relative: RCRA NonGen / NLR:
Lower

Date form received by agency:	01/01/2007
Facility name:	BLOOD BROTHERS AUTO WRECKERS
Facility address:	270 WAVERLY AVE MAMARONECK, NY 10543-1839
EPA ID:	NYD012858809
Mailing address:	WAVERLY AVE MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	WAVERLY AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02

Actual:
19 ft.

BLOOD BROTHERS AUTO WRECKERS (Continued) **1000546499**

Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MARK BLODGETT
Owner/operator address: RR 1 BOX 424A
PURDYS, NY 10578
Owner/operator country: US
Owner/operator telephone: 914-232-8343
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MARK BLODGETT
Owner/operator address: RR 1 BOX 424A
PURDYS, NY 10578
Owner/operator country: US
Owner/operator telephone: 914-232-8343
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: BLOOD BROTHERS AUTO WRECKERS
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: BLOOD BROTHERS AUTO WRECKERS
Classification: Not a generator, verified

BLOOD BROTHERS AUTO WRECKERS (Continued) **1000546499**

Date form received by agency: 04/01/1992
Site name: BLOOD BROTHERS AUTO WRECKER
Classification: Large Quantity Generator

Date form received by agency: 06/21/1991
Site name: BLOOD BROTHERS AUTO WRECKERS
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 12/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004345593

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000546499
Registry ID: 110004345593
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004345593

BLOOD BROTHERS AUTO WRECKERS (Continued) **1000546499**

NY MANIFEST:

Name:	BLOOD BROTHERS AUTO
Address:	270 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY 10543-1839
Country:	USA
EPA ID:	NYD012858809
Facility Status:	Not reported
Location Address 1:	270 WAVERLY AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD012858809
Mailing Name:	BLOOD BROTHERS AUTO
Mailing Contact:	MARK BLODGETT
Mailing Address 1:	270 WAVERLY AVENUE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146985200

NY MANIFEST:

Document ID:	PAC6947861
Manifest Status:	C
seq:	Not reported
Year:	1992
Trans1 State ID:	PAAH0172
Trans2 State ID:	Not reported
Generator Ship Date:	10/27/1992
Trans1 Recv Date:	10/27/1992
Trans2 Recv Date:	/ /
TSD Site Recv Date:	10/28/1992
Part A Recv Date:	/ /
Part B Recv Date:	11/09/1992
Generator EPA ID:	NYD012858809
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD987266715
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

BLOOD BROTHERS AUTO WRECKERS (Continued) **1000546499**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00050
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Q115
NE
1/8-1/4
0.164 mi.
868 ft.

BLOOD BROTHERS AUTO WRECKERS
270 WAVERLY AVENUE
MAMARONECK, NY 10543

Site 9 of 9 in cluster Q

NY SHWS **S102241424**
NY SWF/LF **N/A**
NY Spills
NY SPDES

Relative:
Lower

Actual:
19 ft.

SHWS:

Name:	BLOOD BROTHERS INC.
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543-
Program:	HW
Site Code:	58572
Classification:	N
Region:	3
Acres:	Not reported
HW Code:	360034
Record Add:	11/18/1999
Record Upd:	03/28/2007
Updated By:	SRHEIGEL
Site Description:	Description Not Available
Env Problem:	Not reported
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

SWF/LF:

Name:	BLOOD BROS AUTO WRECKERS INC
Address:	270 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY 10543
Flag:	INACTIVE
Region Code:	3
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[60J03]
Active:	No
East Coordinate:	605969
North Coordinate:	4534145
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

SPILLS:

Name:	BLOOD BROTHERS AUTO
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9508608 / 1995-10-15
Facility ID:	9508608
Facility Type:	ER

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

DER Facility ID:	180874
Site ID:	142939
DEC Region:	3
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	6032
Spill Date:	1995-10-13
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-10-13
CID:	199
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-10-13
Spill Record Last Update:	1998-08-05
Spiller Name:	UNK
Spiller Company:	BLOOD BROTHERS AUTO
Spiller Address:	270 WAVERLY AVE
Spiller Company:	001
Contact Name:	JACK BENNETT
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"CALLER STATES HIS MOTHER LIVES ACROSS FROM LOCATION AT THAT SITE THEY DISMANTLE CARS AND TRUCKS-OVER THE YEARS MUCH GAS/OIL/ETC HAS LEACHED INTO THE GROUND TO THE POINT THAT YOU CAN NOW SMELL THE PETRO PRODUCT IN THE AIR - CALLER HAS CALLED SEVERAL LOCAL AGENCYS FOR ASSISTANCE FROM THE COUNTY BUT SO FAR HAS NOT HAD ANY LUCK WITH CLEANING THE AREA - THEY HAVE TALKED TO A MR KUTZY 914-593-5039 (UNK AGENCY) AND A MR TORRES 914-593-5038 (UNK AGENCY) CALLER REQUEST SOMEONE CONTACT HIM OR HIS MOTHER "

All Materials:

Site ID:	142939
Operable Unit ID:	1019190
Operable Unit:	01
Material ID:	363124
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	142939
Operable Unit ID:	1019190
Operable Unit:	01
Material ID:	363127
Material Code:	0022
Material Name:	waste oil/used oil

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Site ID:	142939
Operable Unit ID:	1019190
Operable Unit:	01
Material ID:	363126
Material Code:	0013
Material Name:	lube oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Name:	BLOOD BROTHERS
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9509179 / 1995-10-26
Facility ID:	9509179
Facility Type:	ER
DER Facility ID:	180874
Site ID:	142940
DEC Region:	3
Spill Cause:	Deliberate
Spill Class:	C4
SWIS:	6032
Spill Date:	1995-10-25
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-10-25
CID:	198
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-10-25
Spill Record Last Update:	1996-07-09
Spiller Name:	Not reported
Spiller Company:	BLOOD BROTHERS
Spiller Address:	270 WAVERLY AVENUE
Spiller Company:	001
Contact Name:	JACK BENNETT
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"caller states several gas tanks from vehicles were emptied onto her

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

property today. "

All Materials:

Site ID:	142940
Operable Unit ID:	1019761
Operable Unit:	01
Material ID:	360139
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BLOOD BROTHERS JUNKYARD
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9602947 / 1996-06-06
Facility ID:	9602947
Facility Type:	ER
DER Facility ID:	180874
Site ID:	142941
DEC Region:	3
Spill Cause:	Housekeeping
Spill Class:	C1
SWIS:	6032
Spill Date:	1996-05-31
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-05-31
CID:	270
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-05-31
Spill Record Last Update:	2006-08-31
Spiller Name:	Not reported
Spiller Company:	JUNKYARD
Spiller Address:	270 WAVERLY AVE
Spiller Company:	001
Contact Name:	UNKNOWN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"caller states that there is a spill and strong odor very hard to understand her.caller complains the junkyars is very sloppy and has a lot of petroleum odors coming from jun yard. "

All Materials:

Site ID:	142941

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Operable Unit ID:	1034227
Operable Unit:	01
Material ID:	349181
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	142941
Operable Unit ID:	1034227
Operable Unit:	01
Material ID:	349180
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	FORMER BLOOD BROTHERS PROPERTY
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0700043 / 2018-10-11
Facility ID:	0700043
Facility Type:	ER
DER Facility ID:	180874
Site ID:	379283
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	6032
Spill Date:	2007-03-26
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2007-04-02
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-04-02
Spill Record Last Update:	2019-01-03
Spiller Name:	Not reported
Spiller Company:	BLOOD BROTHERS
Spiller Address:	Not reported

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Spiller Company:	999
Contact Name:	JON DAHLGREN
DEC Memo:	"LEFT MESSAGE FOR CALLER TO UPDATE. T. GHIOSAY. 10/18/2016 Tim Miller Associates submitted a Well Installation and Groundwater Sampling report. Report entered into DecDocs. Some VOC in MW2 and MW6. TG 12/06/16 Tim Miller Associates Inc. submitted a Groundwater Sampling Report. Low levels of benzene and a MTBE were detected in two mw's. (Report in DecDocs) Tim Miller Associates made a recommendation to monitor quarterly. TG 12/15/16 Tim Miller Associates submitted a second oil/ water separator removal report where additional contaminated soil was removed. Post excavation soil sample results were below DEC soil guidance values. No further action in that area on the property. TG 04/10/17 Groundwater sampling report submitted by Tim Miller Associates. (Report in DecDocs.) Report recommends ending sampling in 5 of 6 site wells and continuing sampling at MW-1 due to some low levels of MTBE. TG 04/09/18 Groundwater sampling report submitted by Tim Miller Associates. (Report in DecDocs.) TG 07/31/18 Groundwater sampling report submitted by Tim Miller Associates. (Report in DecDocs.) Groundwater sample results for VOC'x from all wells sampled were reported to be Non Detectable. TG 12/26/18 Tim Miller Associates reported that the four remaining mw's were removed. TG"
Remarks:	"NOT YET CLEANED; RELATED TO EXISTING SPILL #0405493;"

All Materials:

Site ID:	379283
Operable Unit ID:	1136773
Operable Unit:	01
Material ID:	2126726
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BLOOD BROTHERS
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0405493 / 2007-06-26
Facility ID:	0405493
Facility Type:	ER
DER Facility ID:	180874
Site ID:	293041
DEC Region:	3
Spill Cause:	Other
Spill Class:	C4
SWIS:	6032
Spill Date:	2004-08-18
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	2004-08-19
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-08-19
Spill Record Last Update:	2008-12-04
Spiller Name:	JOHN ESPISITO
Spiller Company:	BLOOD BROS RECORS
Spiller Address:	270 WEAVERLY AVE
Spiller Company:	001
Contact Name:	JOHN ESPISITO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 10/28/04 Maureen Sacchetti to submit a report after the containment area beneath the car crusher is pumped out and a visual examination of the secondary containment basin can be performed. 11/22/06 Work has been ongoing over the past week or two concentrating on removing the concrete slab in the car crusher area and excavating soil beneath those slabs that have been impacted with automotive fluids. The soil has been totally excavated in a 40 x 40 foot area down to bedrock which exists between 2-4 feet below grade. Bedrock in the center of the excavtion is heavily impacted with oil, visible in the rock fractures. Maureen Sacchetti was advised to continue the cleanup be using a rock hammer to break up the bedrock and continue to excavate petroleum impacted rock. TG"
Remarks:	"WHILE DIGGING A LIFT UP: FOUND SOME FREE PRODUCT MAYBE BEING OIL: PLEASE CALL TO LET HER KNOW FURTHER STEPS: "

All Materials:

Site ID:	293041
Operable Unit ID:	888255
Operable Unit:	01
Material ID:	489699
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Site ID:	293041
Operable Unit ID:	888255
Operable Unit:	01
Material ID:	489700
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Name:	BLOOD BROS.
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9314435 / 1994-03-17
Facility ID:	9314435
Facility Type:	ER
DER Facility ID:	180874
Site ID:	212381
DEC Region:	3
Spill Cause:	Housekeeping
Spill Class:	C3
SWIS:	6032
Spill Date:	1994-03-10
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1994-03-10
CID:	Not reported
Water Affected:	SHELLDRAKE RIVER
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	1994-03-17
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-03-14
Spill Record Last Update:	1995-01-05
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 01/05/95: WCHD HANDLED. "
Remarks:	"H.D. APPLIED BOOM AND PADS WAITING FOR ENFORCEMENT OFFICER TO GET THERE"

All Materials:

Site ID:	212381
Operable Unit ID:	992716
Operable Unit:	01
Material ID:	386230
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Name:	BLOOD BROTHERS
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9509841 / 1995-11-10
Facility ID:	9509841

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Facility Type:	ER
DER Facility ID:	180874
Site ID:	218631
DEC Region:	3
Spill Cause:	Deliberate
Spill Class:	C5
SWIS:	6032
Spill Date:	1995-11-08
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-11-08
CID:	266
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-11-08
Spill Record Last Update:	1996-07-09
Spiller Name:	Not reported
Spiller Company:	BLOOD BROTHERS
Spiller Address:	270 WAVERLY AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"ON GOING PROBLEM."

All Materials:

Site ID:	218631
Operable Unit ID:	1024155
Operable Unit:	01
Material ID:	360772
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BLOOD BROS AUTO RECOVERY
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9516220 / 1996-03-18
Facility ID:	9516220
Facility Type:	ER
DER Facility ID:	180874
Site ID:	218632
DEC Region:	3
Spill Cause:	Housekeeping
Spill Class:	C6

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

SWIS:	6032
Spill Date:	1996-03-18
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-03-18
CID:	205
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-03-18
Spill Record Last Update:	1996-05-09
Spiller Name:	Not reported
Spiller Company:	BLOOD BROS AUTO RECOVERY
Spiller Address:	270 WAVERLY AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 03/18/96 LARRY WILSON TO INVESTIGATE "
Remarks:	"caller stats a high odor of spilled gasoline in area."

All Materials:

Site ID:	218632
Operable Unit ID:	1027193
Operable Unit:	01
Material ID:	569722
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BLOOD BROTHERS
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9607662 / 1997-11-10
Facility ID:	9607662
Facility Type:	ER
DER Facility ID:	180874
Site ID:	218633
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	6032
Spill Date:	1996-09-11
Investigator:	jghardy
Referred To:	Not reported
Reported to Dept:	1996-09-18
CID:	204

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-09-18
Spill Record Last Update:	2005-03-11
Spiller Name:	TIM HARDY
Spiller Company:	BLOOD BROTHERS JUNKYARD
Spiller Address:	270 WAVERLY AVENUE
Spiller Company:	001
Contact Name:	CAROLYN TAYLOR
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was HARDY 09/18/96 GEOPROBE INVESTIGATION CONDUCTED "
Remarks:	"region 3 aware of this and working on it"

All Materials:

Site ID:	218633
Operable Unit ID:	1035780
Operable Unit:	01
Material ID:	346918
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BLOOD BROS. JUNK YARD
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9600749 / 1996-04-22
Facility ID:	9600749
Facility Type:	ER
DER Facility ID:	180874
Site ID:	254092
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	6032
Spill Date:	1996-04-16
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-04-16
CID:	349
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-04-16
Spill Record Last Update:	1998-12-28
Spiller Name:	Not reported
Spiller Company:	BLOOD BROS. JUNK YARD
Spiller Address:	270 WAVERLY AV
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 04/22/96 CASE BEING HANDLED BY WCHD AND DOW"
Remarks:	"caller states numerous gas spills have occurred there - spill today - very heavy odor - caller lives near there - very hard to understand because of accent"

All Materials:

Site ID:	254092
Operable Unit ID:	1032190
Operable Unit:	01
Material ID:	354146
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Click this hyperlink while viewing on your computer to access additional NY SPILL: detail in the EDR Site Report.

SPDES:

Name:	BLOOD BROTHERS AUTO WRECKERS
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Permit Number:	NY0090816
State-Region:	03
Expiration Date:	02/01/1999
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5015
State Water Body Name:	SHELDRAKE R
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	41.952778 / -73.741667
DMR Cognizant Official:	MARK BLODGETT, MGR
UDF2:	001702
UDF3:	C
FIPS County Code:	NY119
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	BLOOD BROTHERS AUTO WRECKERS

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Non-Gov Permit Street Address:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Permit Supplemental Location:	270 WAVERLY AVENUE
Non-Gov Permit City:	MAMARONECK
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10543
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Facility Street Address:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Facility Supplemental Location:	270 WAVERLY AVENUE
Non-Gov Facility City:	MAMARONECK
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10543
State Water Body:	02020008060
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	BLOOD BROTHERS AUTO WRECKERS
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
UDF2:	001702
UDF3:	C
FIPS County Code:	NY119

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Permit Street Address:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Permit Supplemental Location:	270 WAVERLY AVENUE
Non-Gov Permit City:	MAMARONECK
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10543
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Facility Street Address:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Facility Supplemental Location:	270 WAVERLY AVENUE
Non-Gov Facility City:	MAMARONECK
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10543
State Water Body:	02020008060
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	BLOOD BROTHERS AUTO WRECKERS
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
UDF2:	001702

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

UDF3:	C
FIPS County Code:	NY119
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Permit Street Address:	270 WAVERLY AVENUE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	MAMARONECK
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10543
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Facility Street Address:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Facility Supplemental Location:	270 WAVERLY AVENUE
Non-Gov Facility City:	MAMARONECK
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10543
State Water Body:	02020008060
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	BLOOD BROTHERS AUTO WRECKERS
Address:	270 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
UDF2:	001702
UDF3:	C
FIPS County Code:	NY119
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Permit Street Address:	270 WAVERLY AVENUE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	MAMARONECK
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10543
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Facility Street Address:	BLOOD BROTHERS AUTO WRECKERS
Non-Gov Facility Supplemental Location:	270 WAVERLY AVENUE
Non-Gov Facility City:	MAMARONECK
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10543
State Water Body:	02020008060
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

P116 **SPILL NUMBER 9704854** **NY LTANKS** **U003648071**
West **531 FAYETTE AVE** **NY Spills** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.165 mi.
870 ft. **Site 3 of 4 in cluster P**

Relative: **Lower**

Actual: **24 ft.**

LTANKS:

Name:	SPILL NUMBER 9704854
Address:	531 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9704854 / 1997-10-21
Facility ID:	9704854
Site ID:	195114
Spill Date:	1997-07-23
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1997-07-23
CID:	351
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-07-23
Spill Record Last Update:	1998-12-30
Spiller Name:	DONNA CALCUTTI
Spiller Company:	ELQ INDUSTRIES
Spiller Address:	531 FAYETTE AVE
Spiller County:	001
Spiller Contact:	DONNA CALCUTTI
Spiller Phone:	(914) 698-7878
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	162564
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 07/23/97 MIKE DOUCETTE WILL GIVE PROPOSAL FOR EIR; 10/21/97 WE RECEIVED VERIFICATION THAT ULLAGE WAS RETESTED AND PASSED AFTER REPAIRS WERE MADE; "
Remarks:	"THE ULLAGE OF THE TANK FAILED"

All TTF:

Facility ID:	9704854
Spill Number:	9704854
Spill Tank Test:	1545224
Site ID:	195114
Tank Number:	Not reported
Tank Size:	2000
Material:	0008
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	20

SPILL NUMBER 9704854 (Continued) **U003648071**

Test Method 2:	USTest 2000/P/LL plus USTest 2000/U
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	195114
Operable Unit ID:	1050722
Operable Unit:	01
Material ID:	334092
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	SAV - A - TREE
Address:	531 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1205876 / 2014-08-22
Facility ID:	1205876
Facility Type:	ER
DER Facility ID:	162564
Site ID:	468853
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	6032
Spill Date:	2012-09-13
Investigator:	RDBENDEL
Referred To:	WCDOH PBS
Reported to Dept:	2012-09-13
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	2012-09-13
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-09-13
Spill Record Last Update:	2014-08-22
Spiller Name:	CARL WHIPPLE
Spiller Company:	TANK REMOVAL
Spiller Address:	531 FAYETTE AVE
Spiller Company:	999
Contact Name:	CARL WHIPPLE
DEC Memo:	"9/13/12- NE Env. reports that they are doing oversite for tank

SPILL NUMBER 9704854 (Continued) **U003648071**

removal. WCHD, Sebastian, is scheduled to inspect site today. DT 9/27/12 Stefan Goreau has the Lead JO'M 8-22-14 tcr submitted NFA RDB"
Not reported
Remarks: "cleanup pending - westchester health dept will be on scene at 1330"

All Materials:
Site ID: 468853
Operable Unit ID: 1218762
Operable Unit: 01
Material ID: 2217176
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Name: ETRA ASSOC
Address: 531 FAYETTE AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0009344 / 2003-12-05
Facility ID: 0009344
Facility Type: ER
DER Facility ID: 162564
Site ID: 195113
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: B3
SWIS: 6032
Spill Date: 2000-11-14
Investigator: TDGHIOSA
Referred To: WESTCHESTER CNTY HEALTH DEPT
Reported to Dept: 2000-11-14
CID: 211
Water Affected: SHELDRAKE RIVER
Spill Source: Commercial/Industrial
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2000-11-14
Spill Record Last Update: 2012-09-14
Spiller Name: ROBERT ETRE
Spiller Company: ETRA ASSOC
Spiller Address: 531 FAYETTE AVE
Spiller Company: 001
Contact Name: ROBERT ETRE
DEC Memo: " 12/05/03 CLOSED BY CHRIS LALAK OF THE WCHD. jod"
Remarks: "oil/water seperator malfunctioned causing spill / spill contained clean up in progress"

All Materials:

SPILL NUMBER 9704854 (Continued) **U003648071**

Site ID:	195113
Operable Unit ID:	830159
Operable Unit:	01
Material ID:	543295
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

P117 **SAV A TREE** **NY UST** **U003856177**
West **531 FAYETTE AVENUE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.165 mi.
870 ft. **Site 4 of 4 in cluster P**

Relative: WESTCHESTER CO. UST:
Lower

Actual:
24 ft.

Name:	SAV A TREE
Address:	531 FAYETTE AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-601108 / Active
Operator Name:	Sav A Tree
Owner Name:	Etre Realty Corp.
Owner Street:	567 Fifth Avenue
Owner Address2:	Not reported
Owner City:	New Rochelle
Owner State:	NY
Owner Zipcode:	10801
GDS Number:	Not reported
Tank Number:	001
Status:	3. Closed - Removed
Capacity:	2000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	Not reported
Date Installation:	06/01/1989
Date Perm Closure:	09/13/2012
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	2. Sacrificial Anode (no retrofit)
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	6. Wrapped (Piping)
Overfill Prevention:	1. Float Vent Valve
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction
Tank Number:	002
Status:	3. Closed - Removed

SAV A TREE (Continued) **U003856177**

Capacity:	1000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	10/01/1998
Date Perm Closure:	Not reported
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	6. Wrapped (Piping)
Overfill Prevention:	1. Float Vent Valve
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	003
Status:	3. Closed - Removed
Capacity:	1000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Date Installation:	10/01/1998
Date Perm Closure:	Not reported
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	6. Wrapped (Piping)
Overfill Prevention:	1. Float Vent Valve
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	004A
Status:	1. In-Service
Capacity:	1000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	2. Manual Interstitial Monitoring
Date Installation:	10/01/1998
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	2. Original sacrificial anode
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	1. Steel/Carbon/ Steel/Iron

SAV A TREE (Continued) **U003856177**

Piping External Protection:	6. Wrapped (Piping)
Overfill Prevention:	1. Float Vent Valve
Piping Secondary Containment:	0. None
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	004B
Status:	1. In-Service
Capacity:	500
Product Stored:	2642. Used Oil (Heating)
Product Stored Percent:	Not reported
Tank Leak Detection:	2. Manual Interstitial Monitoring
Date Installation:	10/01/1998
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	2. Original sacrificial anode
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	6. Wrapped (Piping)
Overfill Prevention:	1. Float Vent Valve
Piping Secondary Containment:	0. None
Spill Prevention:	0. None
Dispenser:	2. Suction

V118 **ELECTRO MATERIAL CORP OF AMERICA** **RCRA NonGen / NLR** **1000181433**
WSW **605 CENTER AVE** **FINDS** **NYD045655362**
1/8-1/4 **MAMARONECK, NY 10543** **ECHO**
0.165 mi. **NY MANIFEST**
873 ft. **Site 1 of 2 in cluster V**

Relative:
Higher

Actual:
28 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	ELECTRO MATERIAL CORP OF AMERICA
Facility address:	605 CENTER AVE MAMARONECK, NY 10543
EPA ID:	NYD045655362
Mailing address:	CENTER AVE MAMARONECK, NY 10543
Contact:	F HIRSH
Contact address:	CENTER AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-698-8434
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GEORGE LANE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999

ELECTRO MATERIAL CORP OF AMERICA (Continued) **1000181433**

Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GEORGE LANE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: ELECTRO MATERIAL CORP OF AMERICA
Classification: Not a generator, verified

Date form received by agency: 10/19/1987
Site name: ELECTRO MATERIAL CORP OF AMERICA
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Facility Has Received Notices of Violations:

ELECTRO MATERIAL CORP OF AMERICA (Continued) **1000181433**

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/03/1989
Date achieved compliance: 08/03/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/03/1989
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 08/03/1989
Evaluation lead agency: State

FINDS:

Registry ID: 110004356081

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000181433
Registry ID: 110004356081
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004356081

NY MANIFEST:
Name: EMCA (ROHM & HAAS)
Address: 605 CENTER AVE
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYD045655362
Facility Status: Not reported
Location Address 1: 609 CENTER AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMRONECK
Location State: NY
Location Zip: 10543

ELECTRO MATERIAL CORP OF AMERICA (Continued) **1000181433**

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD045655362
Mailing Name: EMCA (ROHM & HAAS)
Mailing Contact: EMCA (ROHM & HAAS)
Mailing Address 1: 609 CENTER AVENUE
Mailing Address 2: Not reported
Mailing City: MAMARONECK
Mailing State: NY
Mailing Zip: 10543
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9146988434

NY MANIFEST:
Document ID: NJA0370167
Manifest Status: K
seq: Not reported
Year: 1988
Trans1 State ID: NJDEPS861
Trans2 State ID: Not reported
Generator Ship Date: 07/08/1988
Trans1 Recv Date: 07/08/1988
Trans2 Recv Date: / /
TSD Site Recv Date: 07/18/1988
Part A Recv Date: 08/29/1988
Part B Recv Date: 08/11/1988
Generator EPA ID: NYD045655362
Trans1 EPA ID: PAD008781072
Trans2 EPA ID: Not reported
TSDF ID 1: NJD053288239
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00001
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

ELECTRO MATERIAL CORP OF AMERICA (Continued) **1000181433**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00333
Units:	P - Pounds
Number of Containers:	007
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00008
Units:	P - Pounds
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00036
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	D007 - CHROMIUM 5.0 MG/L TCLP
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	U121 - TRICHLOROMONOFLUOROMETHANE
Quantity:	00002
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

V119 **FORMER EMCA SITE** **NY SHWS** **S108925409**
WSW **605 CENTER AVENUE AND 604 FAYETTE AVENUE** **NY INST CONTROL** **N/A**
1/8-1/4 **MAMARONECK, NY 10543** **NY VAPOR REOPENED**
0.165 mi.
873 ft. **Site 2 of 2 in cluster V**

Relative:
Higher

Actual:
28 ft.

SHWS:

Name:	FORMER EMCA SITE
Address:	605 CENTER AVENUE AND 604 FAYETTE AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Program:	HW
Site Code:	56083
Classification:	Site is properly closed - requires continued management.
Region:	3
Acres:	0.344
HW Code:	360025
Record Add:	11/18/1999
Record Upd:	11/29/2017
Updated By:	JXGRECO

Site Description: Location: This site is located at 604 Fayette Avenue and 605 Center Avenue, Village of Mamaroneck, Westchester County, New York. This site originally consisted of four parcels: Section 8, Block 829, Lot 69 (Parcel I); Section 8, Block 829, Lot 92 (Parcel II); Section 8, Block 829, Lot 41 (Parcel III); and Section 8, Block 829, Lot 51 (Parcel IV). The site boundaries have since been modified to include Parcels I and IV only due to disposal history and current groundwater impacts. Parcels II and III have been excised from the site as no disposal occurred on those parcels, nor are they affected by Freon-113. The current site is approximately 0.34 acres in size. Site Features: The site consists of a two-story building and two parking areas. Current Zoning/Use: The site is located in an M-1 (manufacturing) zone in an industrial/commercial/residential area. Cablevision of Westchester currently uses the site as a cable television service center. Past Use of the Site: Prior to its current use, EMCA, a subsidiary of Rohm and Haas, owned and operated the site to manufacture electronic conducting paste from 1968 to 1988. The manufacturing activities were contained on the first floor of the building. The vacant lot which is now a parking area (604 Fayette) was used for waste storage and is a likely area of disposal. Other potential areas of disposal or spill are the material storage room, the ball milling room and powder room. Freon 113 was used in the ball milling operation. Site Geology and Hydrogeology: The shallow groundwater appears to flow from the south, east and west toward the center of the site and then flows off the site in a northerly direction towards the Sheldrake River. There is no domestic groundwater usage within one-half mile of the site. The area is served by public water supply. Geologic conditions at the site are characterized by unconsolidated deposits composed predominantly of stratified medium to fine sand with localized beds of coarse sand, gravel, silt, and clay. Bedrock is assumed at an approximate depth of 40 feet. Groundwater conditions consist of a water table aquifer encountered at a depth of approximately 6 feet below ground surface. Groundwater generally flows to the northwest towards the Sheldrake River.

Env Problem: Nature of Contamination: Remediation of the Site is complete. Prior to remediation, the primary contaminants of concern were Freon 113 and its breakdown products, particularly Freon 1113 in groundwater. Remaining contamination in the groundwater is being managed under a Site Management Plan.

FORMER EMCA SITE (Continued) **S108925409**

Health Problem:	Contact with contaminated soils is not expected because the site is covered by buildings and pavement. Drinking contaminated groundwater is not likely since the area is supplied with public water.
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	1968
Disp Term:	1988
Lat/Long:	40:56:55:0 / 73:44:47:0
Dell:	False
Record Add:	1999-11-18 12:00:00
Record Upd:	2017-06-08 14:12:00
Updated By:	RSLEE
Own Op:	Disp. Owner
Sub Type:	02
Owner Name:	Amy L. Lee
Owner Company:	The Dow Chemical Company
Owner Address:	1790 Building
Owner Addr2:	Not reported
Owner City,St,Zip:	Midland, MI 48667
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	E
Owner Name:	Larry Bamberger
Owner Company:	Altice - USA
Owner Address:	1111 Stewart Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Bethpage, NY 11714-3581
Owner Country:	United States of America
Own Op:	On-Site Operator
Sub Type:	E
Owner Name:	Not reported
Owner Company:	EMCA/SUB ROHM & HAAS/SUB THE DOW CHEM. CO.
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	PHILADELPHIA, PA
Owner Country:	United States of America
Own Op:	On-Site Operator
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	EMCA
Owner Address:	605 Center Ave. & 604 Fayette Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Mamaroneck, NY 10543
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	01
Owner Name:	LORI FRIEDLI
Owner Company:	MAMARONECK PUBLIC LIBRARY
Owner Address:	136 PROSPECT AVENUE
Owner Addr2:	Not reported
Owner City,St,Zip:	MAMARONECK, NY 10543
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	01

FORMER EMCA SITE (Continued) **S108925409**

Owner Name: Not reported
Owner Company: VILLAGE OF MAMARONECK
Owner Address: 123 MAMARONECK AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543-0369
Owner Country: United States of America
HW Code: 360025
Waste Type: FREON 113 (F002)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360025
Waste Type: 1,1,2-TRICHLORO-1,2,2-TRIFLOUROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2017010500099001004
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-04-06 13:25:00
Record Updated: 2017-04-06 13:25:00
Updated By: RSLEE

INST CONTROL:
Name: FORMER EMCA SITE
Address: 605 CENTER AVENUE AND 604 FAYETTE AVENUE
City,State,Zip: MAMARONECK, NY 10543
Site Code: 56083
Control Name: Landuse Restriction
HW Code: 360025
Control Code: 25
Control Type: INST
Dt record added: 05/15/2007
Dt rec updated: 04/03/2017
Updated By: RSLEE
Site Code: 56083
Site Description: Location: This site is located at 604 Fayette Avenue and 605 Center Avenue, Village of Mamaroneck, Westchester County, New York. This site originally consisted of four parcels: Section 8, Block 829, Lot 69 (Parcel I); Section 8, Block 829, Lot 92 (Parcel II); Section 8, Block 829, Lot 41 (Parcel III); and Section 8, Block 829, Lot 51 (Parcel IV). The site boundaries have since been modified to include Parcels I and IV only due to disposal history and current groundwater impacts. Parcels II and III have been excised from the site as no disposal occurred on those parcels, nor are they affected by Freon-113. The current site is approximately 0.34 acres in size. Site Features: The site consists of a two-story building and two parking areas. Current Zoning/Use: The site is located in an M-1 (manufacturing) zone in an industrial/commercial/residential area. Cablevision of Westchester currently uses the site as a cable television service center. Past Use of the Site: Prior to its current use, EMCA, a subsidiary of Rohm and Haas, owned and operated the site to manufacture electronic conducting paste from 1968 to 1988. The manufacturing activities were contained on the first floor of the building. The vacant lot which is now a parking area (604 Fayette) was used for waste storage and is a likely area of disposal. Other potential areas of disposal or spill are the material storage room, the ball milling room and powder room. Freon 113 was used in the ball milling operation. Site Geology and Hydrogeology: The shallow

FORMER EMCA SITE (Continued) **S108925409**

groundwater appears to flow from the south, east and west toward the center of the site and then flows off the site in a northerly direction towards the Sheldrake River. There is no domestic groundwater usage within one-half mile of the site. The area is served by public water supply. Geologic conditions at the site are characterized by unconsolidated deposits composed predominantly of stratified medium to fine sand with localized beds of coarse sand, gravel, silt, and clay. Bedrock is assumed at an approximate depth of 40 feet. Groundwater conditions consist of a water table aquifer encountered at a depth of approximately 6 feet below ground surface. Groundwater generally flows to the northwest towards the Sheldrake River.

Env Problem: Nature of Contamination: Remediation of the Site is complete. Prior to remediation, the primary contaminants of concern were Freon 113 and its breakdown products, particularly Freon 1113 in groundwater. Remaining contamination in the groundwater is being managed under a Site Management Plan.

Health Problem: Contact with contaminated soils is not expected because the site is covered by buildings and pavement. Drinking contaminated groundwater is not likely since the area is supplied with public water.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1968
Disp Term: 1988
Lat/Long: 40:56:55:0 / 73:44:47:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2017-06-08 14:12:00
Updated By: RSLEE
Own Op: Disp. Owner
Sub Type: 02
Owner Name: Amy L. Lee
Owner Company: The Dow Chemical Company
Owner Address: 1790 Building
Owner Addr2: Not reported
Owner City,St,Zip: Midland, MI 48667
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: Larry Bamberger
Owner Company: Altice - USA
Owner Address: 1111 Stewart Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bethpage, NY 11714-3581
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: EMCA/SUB ROHM & HAAS/SUB THE DOW CHEM. CO.
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA
Owner Country: United States of America
Own Op: On-Site Operator

FORMER EMCA SITE (Continued) **S108925409**

Sub Type: NNN
Owner Name: Not reported
Owner Company: EMCA
Owner Address: 605 Center Ave. & 604 Fayette Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Mamaroneck, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01
Owner Name: LORI FRIEDLI
Owner Company: MAMARONECK PUBLIC LIBRARY
Owner Address: 136 PROSPECT AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01
Owner Name: Not reported
Owner Company: VILLAGE OF MAMARONECK
Owner Address: 123 MAMARONECK AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543-0369
Owner Country: United States of America
HW Code: 360025
Waste Type: FREON 113 (F002)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360025
Waste Type: 1,1,2-TRICHLORO-1,2,2-TRIFLOUROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 20170105000990010004
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-04-06 13:25:00
Record Updated: 2017-04-06 13:25:00
Updated By: RSLEE

Name: FORMER EMCA SITE
Address: 605 CENTER AVENUE AND 604 FAYETTE AVENUE
City,State,Zip: MAMARONECK, NY 10543
Site Code: 56083
Control Name: Site Management Plan
HW Code: 360025
Control Code: 32
Control Type: INST
Dt record added: 05/15/2007
Dt rec updated: 04/03/2017
Updated By: RSLEE
Site Code: 56083
Site Description: Location: This site is located at 604 Fayette Avenue and 605 Center Avenue, Village of Mamaroneck, Westchester County, New York. This site originally consisted of four parcels: Section 8, Block 829, Lot 69 (Parcel I); Section 8, Block 829, Lot 92 (Parcel II); Section 8, Block 829, Lot 41 (Parcel III); and Section 8, Block 829, Lot 51 (Parcel IV). The site boundaries have since been modified to include Parcels I and IV only due to disposal history and current groundwater

FORMER EMCA SITE (Continued) **S108925409**

impacts. Parcels II and III have been excised from the site as no disposal occurred on those parcels, nor are they affected by Freon-113. The current site is approximately 0.34 acres in size. Site Features: The site consists of a two-story building and two parking areas. Current Zoning/Use: The site is located in an M-1 (manufacturing) zone in an industrial/commercial/residential area. Cablevision of Westchester currently uses the site as a cable television service center. Past Use of the Site: Prior to its current use, EMCA, a subsidiary of Rohm and Haas, owned and operated the site to manufacture electronic conducting paste from 1968 to 1988. The manufacturing activities were contained on the first floor of the building. The vacant lot which is now a parking area (604 Fayette) was used for waste storage and is a likely area of disposal. Other potential areas of disposal or spill are the material storage room, the ball milling room and powder room. Freon 113 was used in the ball milling operation. Site Geology and Hydrogeology: The shallow groundwater appears to flow from the south, east and west toward the center of the site and then flows off the site in a northerly direction towards the Sheldrake River. There is no domestic groundwater usage within one-half mile of the site. The area is served by public water supply. Geologic conditions at the site are characterized by unconsolidated deposits composed predominantly of stratified medium to fine sand with localized beds of coarse sand, gravel, silt, and clay. Bedrock is assumed at an approximate depth of 40 feet. Groundwater conditions consist of a water table aquifer encountered at a depth of approximately 6 feet below ground surface. Groundwater generally flows to the northwest towards the Sheldrake River.

Env Problem:	Nature of Contamination: Remediation of the Site is complete. Prior to remediation, the primary contaminants of concern were Freon 113 and its breakdown products, particularly Freon 1113 in groundwater. Remaining contamination in the groundwater is being managed under a Site Management Plan.
Health Problem:	Contact with contaminated soils is not expected because the site is covered by buildings and pavement. Drinking contaminated groundwater is not likely since the area is supplied with public water.
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	1968
Disp Term:	1988
Lat/Long:	40:56:55:0 / 73:44:47:0
Dell:	False
Record Add:	1999-11-18 12:00:00
Record Upd:	2017-06-08 14:12:00
Updated By:	RSLEE
Own Op:	Disp. Owner
Sub Type:	02
Owner Name:	Amy L. Lee
Owner Company:	The Dow Chemical Company
Owner Address:	1790 Building
Owner Addr2:	Not reported
Owner City,St,Zip:	Midland, MI 48667
Owner Country:	United States of America
Own Op:	Owner

FORMER EMCA SITE (Continued) **S108925409**

Sub Type: E
Owner Name: Larry Bamberger
Owner Company: Altice - USA
Owner Address: 1111 Stewart Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bethpage, NY 11714-3581
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: EMCA/SUB ROHM & HAAS/SUB THE DOW CHEM. CO.
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: EMCA
Owner Address: 605 Center Ave. & 604 Fayette Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Mamaroneck, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01
Owner Name: LORI FRIEDLI
Owner Company: MAMARONECK PUBLIC LIBRARY
Owner Address: 136 PROSPECT AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01
Owner Name: Not reported
Owner Company: VILLAGE OF MAMARONECK
Owner Address: 123 MAMARONECK AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543-0369
Owner Country: United States of America
HW Code: 360025
Waste Type: FREON 113 (F002)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360025
Waste Type: 1,1,2-TRICHLORO-1,2,2-TRIFLOUROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 20170105000990010 04
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-04-06 13:25:00
Record Updated: 2017-04-06 13:25:00
Updated By: RSLEE

Name: FORMER EMCA SITE
Address: 605 CENTER AVENUE AND 604 FAYETTE AVENUE
City,State,Zip: MAMARONECK, NY 10543

FORMER EMCA SITE (Continued) **S108925409**

Site Code:	56083
Control Name:	Ground Water Use Restriction
HW Code:	360025
Control Code:	08
Control Type:	INST
Dt record added:	05/15/2007
Dt rec updated:	04/03/2017
Updated By:	RSLEE
Site Code:	56083
Site Description:	Location: This site is located at 604 Fayette Avenue and 605 Center Avenue, Village of Mamaroneck, Westchester County, New York. This site originally consisted of four parcels: Section 8, Block 829, Lot 69 (Parcel I); Section 8, Block 829, Lot 92 (Parcel II); Section 8, Block 829, Lot 41 (Parcel III); and Section 8, Block 829, Lot 51 (Parcel IV). The site boundaries have since been modified to include Parcels I and IV only due to disposal history and current groundwater impacts. Parcels II and III have been excised from the site as no disposal occurred on those parcels, nor are they affected by Freon-113. The current site is approximately 0.34 acres in size. Site Features: The site consists of a two-story building and two parking areas. Current Zoning/Use: The site is located in an M-1 (manufacturing) zone in an industrial/commercial/residential area. Cablevision of Westchester currently uses the site as a cable television service center. Past Use of the Site: Prior to its current use, EMCA, a subsidiary of Rohm and Haas, owned and operated the site to manufacture electronic conducting paste from 1968 to 1988. The manufacturing activities were contained on the first floor of the building. The vacant lot which is now a parking area (604 Fayette) was used for waste storage and is a likely area of disposal. Other potential areas of disposal or spill are the material storage room, the ball milling room and powder room. Freon 113 was used in the ball milling operation. Site Geology and Hydrogeology: The shallow groundwater appears to flow from the south, east and west toward the center of the site and then flows off the site in a northerly direction towards the Sheldrake River. There is no domestic groundwater usage within one-half mile of the site. The area is served by public water supply. Geologic conditions at the site are characterized by unconsolidated deposits composed predominantly of stratified medium to fine sand with localized beds of coarse sand, gravel, silt, and clay. Bedrock is assumed at an approximate depth of 40 feet. Groundwater conditions consist of a water table aquifer encountered at a depth of approximately 6 feet below ground surface. Groundwater generally flows to the northwest towards the Sheldrake River.
Env Problem:	Nature of Contamination: Remediation of the Site is complete. Prior to remediation, the primary contaminants of concern were Freon 113 and its breakdown products, particularly Freon 1113 in groundwater. Remaining contamination in the groundwater is being managed under a Site Management Plan.
Health Problem:	Contact with contaminated soils is not expected because the site is covered by buildings and pavement. Drinking contaminated groundwater is not likely since the area is supplied with public water.
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False

FORMER EMCA SITE (Continued) **S108925409**

Disp Start: 1968
Disp Term: 1988
Lat/Long: 40:56:55:0 / 73:44:47:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2017-06-08 14:12:00
Updated By: RSLEE
Own Op: Disp. Owner
Sub Type: 02
Owner Name: Amy L. Lee
Owner Company: The Dow Chemical Company
Owner Address: 1790 Building
Owner Addr2: Not reported
Owner City,St,Zip: Midland, MI 48667
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: Larry Bamberger
Owner Company: Altice - USA
Owner Address: 1111 Stewart Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bethpage, NY 11714-3581
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: EMCA/SUB ROHM & HAAS/SUB THE DOW CHEM. CO.
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: EMCA
Owner Address: 605 Center Ave. & 604 Fayette Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Mamaroneck, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01
Owner Name: LORI FRIEDLI
Owner Company: MAMARONECK PUBLIC LIBRARY
Owner Address: 136 PROSPECT AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01
Owner Name: Not reported
Owner Company: VILLAGE OF MAMARONECK
Owner Address: 123 MAMARONECK AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543-0369
Owner Country: United States of America
HW Code: 360025
Waste Type: FREON 113 (F002)

FORMER EMCA SITE (Continued) **S108925409**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360025
Waste Type: 1,1,2-TRICHLORO-1,2,2-TRIFLOUROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 20170105000990010 04
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-04-06 13:25:00
Record Updated: 2017-04-06 13:25:00
Updated By: RSLEE

Name: FORMER EMCA SITE
Address: 605 CENTER AVENUE AND 604 FAYETTE AVENUE
City,State,Zip: MAMARONECK, NY 10543
Site Code: 56083
Control Name: Environmental Easement
HW Code: 360025
Control Code: J
Control Type: INST
Dt record added: 05/15/2007
Dt rec updated: 04/03/2017
Updated By: RSLEE
Site Code: 56083
Site Description: Location: This site is located at 604 Fayette Avenue and 605 Center Avenue, Village of Mamaroneck, Westchester County, New York. This site originally consisted of four parcels: Section 8, Block 829, Lot 69 (Parcel I); Section 8, Block 829, Lot 92 (Parcel II); Section 8, Block 829, Lot 41 (Parcel III); and Section 8, Block 829, Lot 51 (Parcel IV). The site boundaries have since been modified to include Parcels I and IV only due to disposal history and current groundwater impacts. Parcels II and III have been excised from the site as no disposal occurred on those parcels, nor are they affected by Freon-113. The current site is approximately 0.34 acres in size. Site Features: The site consists of a two-story building and two parking areas. Current Zoning/Use: The site is located in an M-1 (manufacturing) zone in an industrial/commercial/residential area. Cablevision of Westchester currently uses the site as a cable television service center. Past Use of the Site: Prior to its current use, EMCA, a subsidiary of Rohm and Haas, owned and operated the site to manufacture electronic conducting paste from 1968 to 1988. The manufacturing activities were contained on the first floor of the building. The vacant lot which is now a parking area (604 Fayette) was used for waste storage and is a likely area of disposal. Other potential areas of disposal or spill are the material storage room, the ball milling room and powder room. Freon 113 was used in the ball milling operation. Site Geology and Hydrogeology: The shallow groundwater appears to flow from the south, east and west toward the center of the site and then flows off the site in a northerly direction towards the Sheldrake River. There is no domestic groundwater usage within one-half mile of the site. The area is served by public water supply. Geologic conditions at the site are characterized by unconsolidated deposits composed predominantly of stratified medium to fine sand with localized beds of coarse sand, gravel, silt, and clay. Bedrock is assumed at an approximate depth of 40 feet. Groundwater conditions consist of a water table aquifer

FORMER EMCA SITE (Continued) **S108925409**

encountered at a depth of approximately 6 feet below ground surface. Groundwater generally flows to the northwest towards the Sheldrake River.

Env Problem: Nature of Contamination: Remediation of the Site is complete. Prior to remediation, the primary contaminants of concern were Freon 113 and its breakdown products, particularly Freon 1113 in groundwater. Remaining contamination in the groundwater is being managed under a Site Management Plan.

Health Problem: Contact with contaminated soils is not expected because the site is covered by buildings and pavement. Drinking contaminated groundwater is not likely since the area is supplied with public water.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1968
Disp Term: 1988
Lat/Long: 40:56:55:0 / 73:44:47:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2017-06-08 14:12:00
Updated By: RSLEE
Own Op: Disp. Owner
Sub Type: 02
Owner Name: Amy L. Lee
Owner Company: The Dow Chemical Company
Owner Address: 1790 Building
Owner Addr2: Not reported
Owner City,St,Zip: Midland, MI 48667
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: Larry Bamberger
Owner Company: Altice - USA
Owner Address: 1111 Stewart Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bethpage, NY 11714-3581
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: EMCA/SUB ROHM & HAAS/SUB THE DOW CHEM. CO.
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: EMCA
Owner Address: 605 Center Ave. & 604 Fayette Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Mamaroneck, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01

FORMER EMCA SITE (Continued) **S108925409**

Owner Name: LORI FRIEDLI
Owner Company: MAMARONECK PUBLIC LIBRARY
Owner Address: 136 PROSPECT AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01
Owner Name: Not reported
Owner Company: VILLAGE OF MAMARONECK
Owner Address: 123 MAMARONECK AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543-0369
Owner Country: United States of America
HW Code: 360025
Waste Type: FREON 113 (F002)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360025
Waste Type: 1,1,2-TRICHLORO-1,2,2-TRIFLOUROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 20170105000990010004
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-04-06 13:25:00
Record Updated: 2017-04-06 13:25:00
Updated By: RSLEE

Name: FORMER EMCA SITE
Address: 605 CENTER AVENUE AND 604 FAYETTE AVENUE
City,State,Zip: MAMARONECK, NY 10543
Site Code: 56083
Control Name: Monitoring Plan
HW Code: 360025
Control Code: 31
Control Type: INST
Dt record added: 05/15/2007
Dt rec updated: 04/03/2017
Updated By: RSLEE
Site Code: 56083
Site Description: Location: This site is located at 604 Fayette Avenue and 605 Center Avenue, Village of Mamaroneck, Westchester County, New York. This site originally consisted of four parcels: Section 8, Block 829, Lot 69 (Parcel I); Section 8, Block 829, Lot 92 (Parcel II); Section 8, Block 829, Lot 41 (Parcel III); and Section 8, Block 829, Lot 51 (Parcel IV). The site boundaries have since been modified to include Parcels I and IV only due to disposal history and current groundwater impacts. Parcels II and III have been excised from the site as no disposal occurred on those parcels, nor are they affected by Freon-113. The current site is approximately 0.34 acres in size. Site Features: The site consists of a two-story building and two parking areas. Current Zoning/Use: The site is located in an M-1 (manufacturing) zone in an industrial/commercial/residential area. Cablevision of Westchester currently uses the site as a cable television service center. Past Use of the Site: Prior to its current use, EMCA, a subsidiary of Rohm and Haas, owned and operated the site

FORMER EMCA SITE (Continued) **S108925409**

to manufacture electronic conducting paste from 1968 to 1988. The manufacturing activities were contained on the first floor of the building. The vacant lot which is now a parking area (604 Fayette) was used for waste storage and is a likely area of disposal. Other potential areas of disposal or spill are the material storage room, the ball milling room and powder room. Freon 113 was used in the ball milling operation. Site Geology and Hydrogeology: The shallow groundwater appears to flow from the south, east and west toward the center of the site and then flows off the site in a northerly direction towards the Sheldrake River. There is no domestic groundwater usage within one-half mile of the site. The area is served by public water supply. Geologic conditions at the site are characterized by unconsolidated deposits composed predominantly of stratified medium to fine sand with localized beds of coarse sand, gravel, silt, and clay. Bedrock is assumed at an approximate depth of 40 feet. Groundwater conditions consist of a water table aquifer encountered at a depth of approximately 6 feet below ground surface. Groundwater generally flows to the northwest towards the Sheldrake River.

Env Problem: Nature of Contamination: Remediation of the Site is complete. Prior to remediation, the primary contaminants of concern were Freon 113 and its breakdown products, particularly Freon 1113 in groundwater. Remaining contamination in the groundwater is being managed under a Site Management Plan.

Health Problem: Contact with contaminated soils is not expected because the site is covered by buildings and pavement. Drinking contaminated groundwater is not likely since the area is supplied with public water.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1968
Disp Term: 1988
Lat/Long: 40:56:55:0 / 73:44:47:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2017-06-08 14:12:00
Updated By: RSLEE
Own Op: Disp. Owner
Sub Type: 02
Owner Name: Amy L. Lee
Owner Company: The Dow Chemical Company
Owner Address: 1790 Building
Owner Addr2: Not reported
Owner City,St,Zip: Midland, MI 48667
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: Larry Bamberger
Owner Company: Altice - USA
Owner Address: 1111 Stewart Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bethpage, NY 11714-3581
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E

FORMER EMCA SITE (Continued) **S108925409**

Owner Name: Not reported
Owner Company: EMCA/SUB ROHM & HAAS/SUB THE DOW CHEM. CO.
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: EMCA
Owner Address: 605 Center Ave. & 604 Fayette Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Mamaroneck, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01
Owner Name: LORI FRIEDLI
Owner Company: MAMARONECK PUBLIC LIBRARY
Owner Address: 136 PROSPECT AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01
Owner Name: Not reported
Owner Company: VILLAGE OF MAMARONECK
Owner Address: 123 MAMARONECK AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543-0369
Owner Country: United States of America
HW Code: 360025
Waste Type: FREON 113 (F002)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360025
Waste Type: 1,1,2-TRICHLORO-1,2,2-TRIFLOUROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 20170105000990010 04
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-04-06 13:25:00
Record Updated: 2017-04-06 13:25:00
Updated By: RSLEE

Name: FORMER EMCA SITE
Address: 605 CENTER AVENUE AND 604 FAYETTE AVENUE
City,State,Zip: MAMARONECK, NY 10543
Site Code: 56083
Control Name: IC/EC Plan
HW Code: 360025
Control Code: 34
Control Type: INST
Dt record added: 05/15/2007
Dt rec updated: 04/03/2017
Updated By: RSLEE
Site Code: 56083

FORMER EMCA SITE (Continued) **S108925409**

Site Description: Location: This site is located at 604 Fayette Avenue and 605 Center Avenue, Village of Mamaroneck, Westchester County, New York. This site originally consisted of four parcels: Section 8, Block 829, Lot 69 (Parcel I); Section 8, Block 829, Lot 92 (Parcel II); Section 8, Block 829, Lot 41 (Parcel III); and Section 8, Block 829, Lot 51 (Parcel IV). The site boundaries have since been modified to include Parcels I and IV only due to disposal history and current groundwater impacts. Parcels II and III have been excised from the site as no disposal occurred on those parcels, nor are they affected by Freon-113. The current site is approximately 0.34 acres in size. Site Features: The site consists of a two-story building and two parking areas. Current Zoning/Use: The site is located in an M-1 (manufacturing) zone in an industrial/commercial/residential area. Cablevision of Westchester currently uses the site as a cable television service center. Past Use of the Site: Prior to its current use, EMCA, a subsidiary of Rohm and Haas, owned and operated the site to manufacture electronic conducting paste from 1968 to 1988. The manufacturing activities were contained on the first floor of the building. The vacant lot which is now a parking area (604 Fayette) was used for waste storage and is a likely area of disposal. Other potential areas of disposal or spill are the material storage room, the ball milling room and powder room. Freon 113 was used in the ball milling operation. Site Geology and Hydrogeology: The shallow groundwater appears to flow from the south, east and west toward the center of the site and then flows off the site in a northerly direction towards the Sheldrake River. There is no domestic groundwater usage within one-half mile of the site. The area is served by public water supply. Geologic conditions at the site are characterized by unconsolidated deposits composed predominantly of stratified medium to fine sand with localized beds of coarse sand, gravel, silt, and clay. Bedrock is assumed at an approximate depth of 40 feet. Groundwater conditions consist of a water table aquifer encountered at a depth of approximately 6 feet below ground surface. Groundwater generally flows to the northwest towards the Sheldrake River.

Env Problem: Nature of Contamination: Remediation of the Site is complete. Prior to remediation, the primary contaminants of concern were Freon 113 and its breakdown products, particularly Freon 1113 in groundwater. Remaining contamination in the groundwater is being managed under a Site Management Plan.

Health Problem: Contact with contaminated soils is not expected because the site is covered by buildings and pavement. Drinking contaminated groundwater is not likely since the area is supplied with public water.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1968
Disp Term: 1988
Lat/Long: 40:56:55:0 / 73:44:47:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2017-06-08 14:12:00
Updated By: RSLEE
Own Op: Disp. Owner
Sub Type: 02

FORMER EMCA SITE (Continued) **S108925409**

Owner Name: Amy L. Lee
Owner Company: The Dow Chemical Company
Owner Address: 1790 Building
Owner Addr2: Not reported
Owner City,St,Zip: Midland, MI 48667
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: Larry Bamberger
Owner Company: Altice - USA
Owner Address: 1111 Stewart Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bethpage, NY 11714-3581
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: EMCA/SUB ROHM & HAAS/SUB THE DOW CHEM. CO.
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: PHILADELPHIA, PA
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: EMCA
Owner Address: 605 Center Ave. & 604 Fayette Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Mamaroneck, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01
Owner Name: LORI FRIEDLI
Owner Company: MAMARONECK PUBLIC LIBRARY
Owner Address: 136 PROSPECT AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543
Owner Country: United States of America
Own Op: Document Repository
Sub Type: 01
Owner Name: Not reported
Owner Company: VILLAGE OF MAMARONECK
Owner Address: 123 MAMARONECK AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: MAMARONECK, NY 10543-0369
Owner Country: United States of America
HW Code: 360025
Waste Type: FREON 113 (F002)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360025
Waste Type: 1,1,2-TRICHLORO-1,2,2-TRIFLOUROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 20170105000990010004
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier

FORMER EMCA SITE (Continued) **S108925409**

Record Added Date: 2017-04-06 13:25:00
Record Updated: 2017-04-06 13:25:00
Updated By: RSLEE

VAPOR REOPENED:
Name: FORMER EMCA SITE
Address: 605 CENTER AVENUE AND 604 FAYETTE AVENUE
City,State,Zip: MAMARONECK, NY
Site Code: 360025
Facility Status: Complete (No Further Action)

U120 **SPRINGDALE ICE CO INC** **NY UST** **U003885174**
NNE **302 CENTER AVENUE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.166 mi.
876 ft. **Site 2 of 2 in cluster U**

Relative: **Lower**
Actual: **18 ft.**

WESTCHESTER CO. UST:

Name:	SPRINGDALE ICE CO INC
Address:	302 CENTER AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-029505 / Unregulated: <1101 gal. PBS
Operator Name:	Springdale Ice Co Inc
Owner Name:	Springdale Ice Co Inc
Owner Street:	302 Center Avenue
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	Not reported
Tank Number:	1
Status:	3. Closed - Removed
Capacity:	1000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	06/01/1979
Date Perm Closure:	03/24/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction
Tank Number:	2
Status:	3. Closed - Removed
Capacity:	500
Product Stored:	Not reported

SPRINGDALE ICE CO INC (Continued) **U003885174**

Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	03/24/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

W121 **CON EDISON MANHOLE: 653** **RCRA NonGen / NLR** **1016677771**
East **FENNIMORE RD & STANLEY AVE** **FINDS** **NYP004314506**
1/8-1/4 **MAMARONECK, NY 10543** **ECHO**
0.169 mi.
894 ft. **Site 1 of 5 in cluster W**

Relative: **Higher**
Actual: **33 ft.**

RCRA NonGen / NLR:

Date form received by agency:	06/17/2013
Facility name:	CON EDISON MANHOLE: 653
Facility address:	FENNIMORE RD & STANLEY AVE MAMARONECK, NY 10543
EPA ID:	NYP004314506
Mailing address:	VING PL, RM 828 NEW YORK, NY 10003
Contact:	CHRISTOPHER BLAICH
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	914-925-6219
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

CON EDISON MANHOLE: 653 (Continued) **1016677771**

Historical Generators:
Date form received by agency: 05/17/2013
Site name: CON EDISON MANHOLE: 653
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110058879174

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016677771
Registry ID: 110058879174
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110058879174

W122 **CON EDISON** **NY MANIFEST** **S119073638**
East **311 FENNIMORE RD & STANLEY** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.169 mi.
894 ft. **Site 2 of 5 in cluster W**

Relative:
Higher

Actual:
33 ft.

NY MANIFEST:
Name: CON EDISON
Address: 311 FENNIMORE RD & STANLEY
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYP004313318
Facility Status: Not reported
Location Address 1: 311 FENNIMORE RD & STANLEY AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004313318
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY

CON EDISON (Continued) **S119073638**

Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	05/15/2013
Trans1 Recv Date:	05/15/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/15/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004313318
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	010842717JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	4000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

CON EDISON (Continued) **S119073638**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

W123 **CON EDISON - MANHOLE 652** **NJ MANIFEST** **S120665956**
East **FENNIMORE RD & STANLEY AVE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.169 mi.
894 ft. **Site 3 of 5 in cluster W**

Relative:
Higher

Actual:
33 ft.

NJ MANIFEST:

EPA Id:	NYP004313318
Mail Address:	VING PL, RM 828
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	CHRISTOPHER BLAICH
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002833949GBF
EPA ID:	NYP004313318
Date Shipped:	2/19/2016
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported

CON EDISON - MANHOLE 652 (Continued) **S120665956**

Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

W124 **CON EDISON** **NY MANIFEST** **S117537619**
East **STANLEY AVE & FENIMORE RD** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.169 mi.
894 ft. **Site 4 of 5 in cluster W**

Relative: **Higher**

Actual: **33 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	STANLEY AVE & FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Country:	USA
EPA ID:	NYP004701991
Facility Status:	Not reported
Location Address 1:	STANLEY AVE & FENIMORE RD
Code:	BP
Location Address 2:	MH 653
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004701991
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	12/03/2014
Trans1 Recv Date:	12/03/2014
Trans2 Recv Date:	Not reported

CON EDISON (Continued) **S117537619**

TSD Site Recv Date:	12/08/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004701991
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	012773450JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	65
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

W125 **CON EDISON - MANHOLE 652** **RCRA-LQG** **1016677662**
East **311 FENNIMORE RD & STANLEY AVE** **NYP004313318**
1/8-1/4 **MAMARONECK, NY 10543**
0.169 mi.
894 ft. **Site 5 of 5 in cluster W**

Relative: RCRA-LQG:
Higher

Date form received by agency:	03/27/2014
Facility name:	CON EDISON - MANHOLE 652
Facility address:	311 FENNIMORE RD & STANLEY AVE MAMARONECK, NY 10543
EPA ID:	NYP004313318
Mailing address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact:	DENNIS HUACON

Actual:
33 ft.

CON EDISON - MANHOLE 652 (Continued) **1016677662**

Contact address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-2757
Contact email: HUACOND@CONED.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/15/2013
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/15/2013
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

CON EDISON - MANHOLE 652 (Continued) **1016677662**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/15/2013
Site name: CON EDISON MANHOLE: 652
Classification: Not a generator, verified

Date form received by agency: 05/15/2013
Site name: CON EDISON MANHOLE: 652
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

T126 **MARVAL INDUSTRIES INC** **NY UST** **U004308776**
ENE **315 HOYT AVE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.171 mi.
901 ft. **Site 3 of 4 in cluster T**

Relative: WESTCHESTER CO. UST:
Lower
Actual: Name: MARVAL INDUSTRIES INC
21 ft. Address: 315 HOYT AVE
City,State,Zip: MAMARONECK, NY 10543
Id/Status: 3-176265 / Unregulated: <1101 gal. PBS
Operator Name: Marval Industries Inc
Owner Name: Marval Industries Inc
Owner Street: 315 Hoyt Ave
Owner Address2: Not reported
Owner City: Mamaronock
Owner State: NY
Owner Zipcode: 10543
GDS Number: Not reported

Tank Number: 001
Status: 3a. Closed - Prior to 04/1991
Capacity: 6000
Product Stored: 0009. Gasoline
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 10/01/1979
Date Perm Closure: 01/01/1900
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 2. Sacrificial Anode (no retrofit)
Tank Secondary Containment: 0. None
Piping Location: Not reported

MARVAL INDUSTRIES INC (Continued) **U004308776**

Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	002
Status:	3a. Closed - Prior to 04/1991
Capacity:	1900
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	10/01/1979
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	4. Fiberglass coated steel
Tank Internal Protection:	0. None
Tank External Protection:	4. Fiberglass
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

T127 **MARVAL INDUSTRIES INC** **RCRA NonGen / NLR** **1000790881**
ENE **315 HOYT AVE** **ICIS** **NYD987023710**
1/8-1/4 **MAMARONECK, NY 10543** **FINDS**
0.171 mi. **ECHO**
901 ft. **Site 4 of 4 in cluster T** **NY MANIFEST**
NY SPDES

Relative:
Lower

Actual:
21 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MARVAL INDUSTRIES INC
Facility address:	315 HOYT AVE MAMARONECK, NY 10543
EPA ID:	NYD987023710
Mailing address:	HOYT AVE MAMARONECK, NY 10543
Contact:	ALAN ZIMMERMAN
Contact address:	HOYT AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-381-2400
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ZIMMERMAN FAMILY LIMITED PARTNERSHIP

MARVAL INDUSTRIES INC (Continued) **1000790881**

Owner/operator address: 315 HOYT AVE
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-381-2400
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ZIMMERMAN FAMILY LIMITED PARTNERSHIP
Owner/operator address: 315 HOYT AVE
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-381-2400
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: MARVAL INDUSTRIES INC
Classification: Not a generator, verified

Date form received by agency: 03/05/1997
Site name: MARVAL INDUSTRIES INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

MARVAL INDUSTRIES INC (Continued) **1000790881**

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 08/31/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

ICIS:
Enforcement Action ID: NY-R32013041845
FRS ID: 110004498838
Action Name: MARVAL INDUSTRIES- NO EXPOSURE
Facility Name: MARVAL INDUSTRIES INC
Facility Address: 315 HOYT AVE
MAMARONECK, NY 10543
Enforcement Action Type: State Administrative Order of Consent
Facility County: WESTCHESTER
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: STAOCO
Facility SIC Code: 2821
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.950
Longitude in Decimal Degrees: -73.740
Permit Type Desc: General Permit Covered Facility
Program System Acronym: NYR00A811
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

FINDS:

Registry ID: 110004498838

Environmental Interest/Information System
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MARVAL INDUSTRIES INC (Continued) **1000790881**

OSHA ESTABLISHMENT

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000790881
Registry ID:	110004498838
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004498838

NY MANIFEST:

Name:	MARVAL INDUSTRIES
Address:	315 HOYT AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYD987023710
Facility Status:	Not reported
Location Address 1:	315 HOYT AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMRONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD987023710
Mailing Name:	MARVAL INDUSTRIES
Mailing Contact:	ROBERT PERSAUS
Mailing Address 1:	315 HOYT AVE
Mailing Address 2:	Not reported
Mailing City:	MAMRONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	0000000000

NY MANIFEST:

Document ID:	NYC6031528
Manifest Status:	Not reported
seq:	01
Year:	2000
Trans1 State ID:	P39038IL
Trans2 State ID:	564TUH
Generator Ship Date:	03/24/2000
Trans1 Recv Date:	03/24/2000
Trans2 Recv Date:	03/28/2000
TSD Site Recv Date:	03/29/2000
Part A Recv Date:	Not reported

MARVAL INDUSTRIES INC (Continued) **1000790881**

Part B Recv Date:	Not reported
Generator EPA ID:	NYD987023710
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	SCR000074591
TSDF ID 1:	NYD000708198
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00068
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

SPDES:

Name:	MARVAL INDUSTRIES INC
Address:	315 HOYT AVE
City,State,Zip:	MAMARONECK, NY 10543
Permit Number:	NYR00A811
State-Region:	03
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	2821
State Water Body Name:	SHELDRAKE RIVER
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	40.950 / -73.740
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY119

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address

MARVAL INDUSTRIES INC (Continued) **1000790881**

Non-Gov Permit Org Formal Name:	MARVAL INDUSTRIES INC
Non-Gov Permit Street Address:	MARVAL INDUSTRIES INC
Non-Gov Permit Supplemental Location:	315 HOYT AVE
Non-Gov Permit City:	MAMARONECK
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10543
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	MARVAL INDUSTRIES INC
Non-Gov Facility Street Address:	MARVAL INDUSTRIES INC
Non-Gov Facility Supplemental Location:	315 HOYT AVE
Non-Gov Facility City:	MAMARONECK
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10543
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	MARVAL INDUSTRIES INC
Address:	315 HOYT AVE
City,State,Zip:	MAMARONECK, NY 10543
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY119

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	MARVAL INDUSTRIES INC
Non-Gov Permit Street Address:	315 HOYT AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	MAMARONECK
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10543
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	MARVAL INDUSTRIES INC
Non-Gov Facility Street Address:	MARVAL INDUSTRIES INC
Non-Gov Facility Supplemental Location:	315 HOYT AVE
Non-Gov Facility City:	MAMARONECK
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10543
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	MARVAL INDUSTRIES INC
Address:	315 HOYT AVE
City,State,Zip:	MAMARONECK, NY 10543

MARVAL INDUSTRIES INC (Continued) **1000790881**

UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY119
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	MARVAL INDUSTRIES INC
Non-Gov Facility Street Address:	MARVAL INDUSTRIES INC
Non-Gov Facility Supplemental Location:	315 HOYT AVE
Non-Gov Facility City:	MAMARONECK
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10543
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

R128 **STAROPOLI BROTHERS INC.** **NY AST** **A100355617**
NNW **313 NORTHRUP AVENUE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.171 mi.
902 ft. **Site 2 of 2 in cluster R**

Relative: WESTCHESTER CO. AST:
Lower

Name:	STAROPOLI BROTHERS INC.
Address:	313 NORTHRUP AVENUE
City,State,Zip:	MAMARONECK, NY 10543
PBS Number:	3-801441
Site Status:	Active
GDS Number:	Not reported
Operator Name:	Nicholas Staropoli
Owner Name:	Nicholas Staropoli
Owner Street:	66 Windsor Oval
Owner Address2:	Not reported
Owner City/State/Zip:	New Rochelle, NY 10805
Tank Number:	1
Status:	1. In-Service
Date Installation:	01/01/1975
Capacity:	275
Product Stored:	0015. Motor Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	2. Manual Interstitial Monitoring

Actual:
18 ft.

STAROPOLI BROTHERS INC. (Continued) **A100355617**

Tank Secondary Containment:	0. None
Piping Location:	0. No Piping
Piping Type:	0. No Piping
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	0. None
Dispenser:	0. None

Tank Number:	2
Status:	1. In-Service
Date Installation:	01/01/1975
Capacity:	275
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	0. None
Piping Location:	0. No Piping
Piping Type:	0. No Piping
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	0. None
Dispenser:	0. None

X129 **PRIVATE DWELLING** **NY LTANKS** **S108983098**
South **411 DELANCEY AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.172 mi.
907 ft. **Site 1 of 3 in cluster X**

Relative: **Higher**
Actual: **43 ft.**

LTANKS:

Name:	PRIVATE DWELLING
Address:	411 DELANCEY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0711189 / 2013-01-29
Facility ID:	0711189
Site ID:	392614
Spill Date:	2008-01-23
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	2008-01-23
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester

PRIVATE DWELLING (Continued) **S108983098**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-01-23
Spill Record Last Update:	2013-01-29
Spiller Name:	PATRICIA
Spiller Company:	Not reported
Spiller Address:	411 DELANCEY AVE
Spiller County:	001
Spiller Contact:	PATRICIA
Spiller Phone:	(914) 630-2571
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	342212
DEC Memo:	"Test was performed even though vent pipe couldn't be located. Caller trying to locate vent pipe. Once vent pipe is found, will re-test the tank. 07/02/10 Further info unknown. TG 01/28/2013 WIth ALbany approval Homeowner TTF with no further info NFA JO'M"
Remarks:	"uncover repair and test"

All TTF:

Facility ID:	0711189
Spill Number:	0711189
Spill Tank Test:	2384534
Site ID:	392614
Tank Number:	Not reported
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	99
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	392614
Operable Unit ID:	1149607
Operable Unit:	01
Material ID:	2140142
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Y130 **CON EDISON GAS DRIP 367** **RCRA NonGen / NLR** **1010787448**
NE **263 WAVERLY AVE GAS DRIP 367** **NYP004149704**
1/8-1/4 **MAMARONECK, NY 10543**
0.172 mi.
908 ft. **Site 1 of 3 in cluster Y**

Relative: **Lower**
Actual: **20 ft.**

RCRA NonGen / NLR:

Date form received by agency:	03/15/2008
Facility name:	CON EDISON GAS DRIP 367
Facility address:	263 WAVERLY AVE GAS DRIP 367 MAMARONECK, NY 10543
EPA ID:	NYP004149704
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	TIMOTHY REGAN
Contact address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact country:	US
Contact telephone:	718-204-4221
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	03/14/2008
Site name:	CON EDISON
Classification:	Unverified
Violation Status:	No violations found

X131 **RESI: MARKANTONIS** **NY LTANKS** **S104877356**
South **410 DELANCEY AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.176 mi.
931 ft. **Site 2 of 3 in cluster X**

Relative: **Higher**
Actual: **43 ft.**

LTANKS:

Name:	RESI: MARKANTONIS
Address:	410 DELANCEY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0009980 / 2000-12-04
Facility ID:	0009980

RESI: MARKANTONIS (Continued) **S104877356**

Site ID:	191025
Spill Date:	2000-12-04
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2000-12-04
CID:	323
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-12-04
Spill Record Last Update:	2000-12-21
Spiller Name:	Not reported
Spiller Company:	RESI: MARKANTONIS
Spiller Address:	410 DELANCEY AV
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	(914) 698-7854
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	159331
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 12/04/2000 REFERR TO SPILL NUMBER 0009977. PRIOR REPORT OF SAME SPILL. THIS NUMBER CLOSED OUT."
Remarks:	"THE NEW OIL COMPANY WAS AT THE HOUSE AND FILLED THE TANK AND WHILE FILLING, THE TANK REPUTURED IN THE BASEMENT. THERE IS A SUMP BUT IT IS NOT RUNNING. FIRE DEPARTMENT IS ON THE SCENE."

All Materials:

Site ID:	191025
Operable Unit ID:	830948
Operable Unit:	01
Material ID:	543907
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

X132 **SPILL NUMBER 0009977** **NY LTANKS** **S104877355**
South **410 DELANCY AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.176 mi.
931 ft. **Site 3 of 3 in cluster X**

Relative:
Higher

Actual:
43 ft.

LTANKS:

Name:	SPILL NUMBER 0009977
Address:	410 DELANCY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0009977 / 2001-03-12
Facility ID:	0009977
Site ID:	81893
Spill Date:	2000-12-04
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	2000-12-04
CID:	270
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-12-04
Spill Record Last Update:	2001-03-27
Spiller Name:	DEE MARCO
Spiller Company:	DEE MARCO
Spiller Address:	410 DELANCY AV
Spiller County:	001
Spiller Contact:	DEE MARCO
Spiller Phone:	(914) 698-3474
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	75625
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 12/04/2000 NEE ON SCENE. HIRED BY OIL COMPANY'S INSURANCE. SPILL IN BASEMENT. SUMP PUMP DISCNNECTED - AWAITING ARRIVAL OF HOMEOWNER. SEE SPILL #0009980 ALSO 03/12/2001 CLEANUP OF SPILL COMPLETED BY NORTHEAST ENVIRONMENTAL. NO FURTHER ACTION."
Remarks:	"clean up crew on the way. tank burst"

All Materials:

Site ID:	81893
Operable Unit ID:	830942
Operable Unit:	01
Material ID:	543901
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	275.00
Units:	G
Recovered:	.00

SPILL NUMBER 0009977 (Continued) **S104877355**

Oxygenate: Not reported

Y133 **SPILL NUMBER 9801539** **NY LTANKS** **S104619510**
NE **261 WAVERLY AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.178 mi.
939 ft. **Site 2 of 3 in cluster Y**

Relative: **Lower**

Actual: **21 ft.**

LTANKS:

Name:	SPILL NUMBER 9801539
Address:	261 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9801539 / 1998-07-14
Facility ID:	9801539
Site ID:	276853
Spill Date:	1998-05-05
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1998-05-05
CID:	279
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-05-05
Spill Record Last Update:	1998-07-21
Spiller Name:	JOHN DICOSTANZO
Spiller Company:	JOHN DICOSTANZO
Spiller Address:	261 WAVERLY AVE
Spiller County:	001
Spiller Contact:	JOHN DICOSTANZO
Spiller Phone:	(914) 381-9138
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	225073
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 07/14/98 LETTER SENT INDICATING CLEANUP AND OIL REMOVAL COMPLETED. SPILL FILE CLOSED."
Remarks:	"TANK FAILED. "

All Materials:

Site ID:	276853
Operable Unit ID:	1062069
Operable Unit:	01
Material ID:	323468
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

SPILL NUMBER 9801539 (Continued) **S104619510**

Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Y134 **CON EDISON MANHOLE: 5170** **RCRA NonGen / NLR** **1016677955**
NE **266 WAIVERLY AVE** **FINDS** **NYP004316386**
1/8-1/4 **MAMARONECK, NY 10543** **ECHO**
0.180 mi. **NY MANIFEST**
949 ft. **Site 3 of 3 in cluster Y**

Relative: Lower

Actual: 21 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/25/2013
Facility name: CON EDISON MANHOLE: 5170
Facility address: 266 WAIVERLY AVE
MAMARONECK, NY 10543
EPA ID: NYP004316386
Mailing address: VING PL, RM 828
NEW YORK, NY 10003
Contact: GINO FRABASILE
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 914-925-6219
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 05/25/2013
Site name: CON EDISON MANHOLE: 5170
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110058873429

CON EDISON MANHOLE: 5170 (Continued) **1016677955**

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016677955
Registry ID:	110058873429
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110058873429

NY MANIFEST:

Name:	CON EDISON
Address:	266 WAIVERLY AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004316386
Facility Status:	Not reported
Location Address 1:	266 WAVERLY AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004316386
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	05/25/2013
Trans1 Recv Date:	05/25/2013
Trans2 Recv Date:	Not reported

CON EDISON MANHOLE: 5170 (Continued) **1016677955**

TSD Site Recv Date:	05/28/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004316386
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	007019065JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Z135 **613 WAVERLY AVENUE LLC** **NY UST U004175962**
SW **613 WAVERLY AVENUE** **NY AST N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.181 mi.
958 ft. **Site 1 of 4 in cluster Z**

Relative:
Higher

Actual:
29 ft.

WESTCHESTER CO. UST:

Name:	613 WAVERLY AVENUE LLC
Address:	613 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-450650 / Unregulated
Operator Name:	unknown
Owner Name:	Nu-Way Heating & Air Conditioning Corp.
Owner Street:	620 Fayette Avenue
Owner Address2:	Not reported

613 WAVERLY AVENUE LLC (Continued) **U004175962**

Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	Not reported
Tank Number:	02
Status:	3. Closed - Removed
Capacity:	2000
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1900
Date Perm Closure:	10/25/2010
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Piping
Piping Type:	0. No Piping
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	0. None
Spill Prevention:	0. None
Dispenser:	0. None
Tank Number:	03
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	08/05/2005
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	0. None
Tank Number:	1
Status:	3. Closed - Removed
Capacity:	15000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	07/01/1944
Date Perm Closure:	07/01/1998

613 WAVERLY AVENUE LLC (Continued) **U004175962**

Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	2
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	08/01/1976
Date Perm Closure:	07/01/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	3
Status:	3. Closed - Removed
Capacity:	1000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	03/01/1980
Date Perm Closure:	07/01/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

613 WAVERLY AVENUE LLC (Continued) **U004175962**

Tank Number:	4
Status:	3. Closed - Removed
Capacity:	1000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	07/01/1969
Date Perm Closure:	07/01/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	5
Status:	3. Closed - Removed
Capacity:	500
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	03/01/1980
Date Perm Closure:	07/01/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

WESTCHESTER CO. AST:

Name:	613 WAVERLY AVENUE LLC
Address:	613 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
PBS Number:	3-450650
Site Status:	Unregulated
GDS Number:	Not reported
Operator Name:	unknown
Owner Name:	Nu-Way Heating & Air Conditioning Corp.
Owner Street:	620 Fayette Avenue
Owner Address2:	Not reported
Owner City/State/Zip:	Mamaroneck, NY 10543

Tank Number:	01

613 WAVERLY AVENUE LLC (Continued) **U004175962**

Status:	3. Closed - Removed
Date Installation:	07/01/1998
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	1. Aboveground (contact w/ soil)
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	5. In-Tank System (auto tank gauge)
Tank Secondary Containment:	Not reported
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	2. High Level Alarm
Spill Prevention:	Not reported
Dispenser:	2. Suction

Z136 **HAPPINESS LAUNDRY** **NY SHWS** **S110246764**
SW **613 WAVERLY AVENUE** **NY DRYCLEANERS** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.181 mi.
958 ft. **Site 2 of 4 in cluster Z**

Relative:
Higher

Actual:
29 ft.

SHWS:

Name:	HAPPINESS LAUNDRY
Address:	613 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543-
Program:	HW
Site Code:	58954
Classification:	N
Region:	3
Acres:	0.5
HW Code:	360057
Record Add:	10/10/2001
Record Upd:	01/26/2011
Updated By:	GWHEITZM

Site Description: Location Description: The Happiness Laundry Site is located at 613 Waverly Avenue, Mamaroneck, Westchester County, NY. Predominant Site Features: The site is a 0.74 acre vacant lot. Current Use: The site is currently inactive. Surrounding Uses: The site is situated along the northwestern side of Waverly Avenue within a commercial/light industrial neighborhood consisting of mixed-use properties. The Sheldrake River is to the northwest of the site. Historical Source(s) of Contamination: A former laundry service (Happiness Laundry) operated at the site until 2006 when active use of the site reportedly ceased and structures were removed from the property. A Remedial Investigation of the nearby Former EMCA Site (#360025) has been completed and data from this investigation identified elevated perchloroethylene (PCE) in shallow groundwater. Happiness Laundry was identified as the likely source of this contamination. Investigations/Actions Performed to Date: The 613 Waverly Avenue property is the subject of spill case number 0700334, due to petroleum contamination. Under the spill case, approximately 2,167 tons of petroleum contaminated soil was excavated from the site in

HAPPINESS LAUNDRY (Continued) **S110246764**

	September/October 2007. Groundwater monitoring wells were also installed to evaluate potential site-related contamination. A Site Remedial Summary Report, dated December 12, 2007 was submitted to the Department. Other spill cases associated with this site include: 0505708, 9805021, 8905945, and 8905946. Current Actions: The remedial actions performed under the spill case have adequately addressed the PCE contamination at the site. Therefore, no further action is anticipated at this time to address PCE. Additional remedial work may be necessary under the spill case.
Env Problem:	Contaminants of Concern: The primary contaminants at the site include volatile organic compounds (VOCs) related to the former dry clean operations, including tetrachloroethene (PCE) and its breakdown products, and petroleum-related compounds. Impacted Media: Investigations of the environmental conditions found PCE, trichloroethene (TCE), dichloroethene (DCE), vinyl chloride (VC) and petroleum-related compounds in the soils and groundwater at the site. Known SCG Exceedances: Exceedances of standards, criteria, and guidance include PCE, TCE, DCE, VC and petroleum-related compounds. The contamination, however, has been reduced/removed since contaminated source area soil was excavated during the 9/07-10/07 remedial effort under spill case 0700334.
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

DRYCLEANERS:

Name:	HAPPINESS LAUNDRY & D-CLRS
Address:	613 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543

HAPPINESS LAUNDRY (Continued) **S110246764**

Facility ID:	3-5532-00314
Phone Number:	914-698-6000
Region:	Not reported
Registration Effective Date:	9/24/2003 13:22:51:203
Inspection Date:	05DEC19
Install Date:	01/05
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	Not reported

Z137 **HAPPINESS LAUNDERERS & CL** **NY LTANKS** **U003647116**
SW **613 WAVERLY AVE** **NY Spills** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.181 mi.
958 ft. **Site 3 of 4 in cluster Z**

Relative: **Higher**
Actual: **29 ft.**

LTANKS:

Name:	HAPPINESS LAUNDERERS & CL
Address:	613 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9805021 / 1999-06-08
Facility ID:	9805021
Site ID:	316400
Spill Date:	1998-07-22
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1998-07-22
CID:	366
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-07-22
Spill Record Last Update:	1999-06-11
Spiller Name:	DONALD HEITH
Spiller Company:	HAPPINESS LAUNDERERS & CL
Spiller Address:	613 WAVERLY AVE
Spiller County:	001
Spiller Contact:	DONALD HEITH
Spiller Phone:	(914) 698-6000
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	255089
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"CALLER REPORTING THAT CONTAMINATED SOIL WAS ENCOUNTERED DURING A TANK REMOVAL."

All Materials:

HAPPINESS LAUNDERERS & CL (Continued) **U003647116**

Site ID:	316400
Operable Unit ID:	1066058
Operable Unit:	01
Material ID:	563663
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	HAPPINESS LAUNDRY
Address:	613 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0505708 / 2005-09-11
Facility ID:	0505708
Site ID:	350786
Spill Date:	2005-08-09
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	WCDOH
Reported to Dept:	2005-08-09
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-08-09
Spill Record Last Update:	2008-06-13
Spiller Name:	DONALD HEITHAUS
Spiller Company:	HAPPINESS LAUNDRY
Spiller Address:	613 WAVERLY AVE
Spiller County:	001
Spiller Contact:	DONALD HEITHAUS
Spiller Phone:	(914) 698-6000
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	255089
DEC Memo:	"September 11, 2005: TANK PASSED A RETEST AFTER PIPING WAS REPAIRED. FILE CLOSED BY DANIELLE JACKSON OF THE WESTCHESTER COUNTY HEALTH DEPT. NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"UNCOVER REPAIR AND RETEST"

All TTF:

Facility ID:	0505708
Spill Number:	0505708
Spill Tank Test:	1549183
Site ID:	350786

HAPPINESS LAUNDERERS & CL (Continued) **U003647116**

Tank Number:	1
Tank Size:	1000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported
Facility ID:	0505708
Spill Number:	0505708
Spill Tank Test:	1549184
Site ID:	350786
Tank Number:	Not reported
Tank Size:	0
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	350786
Operable Unit ID:	1108330
Operable Unit:	01
Material ID:	2098267
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Name:	HAPPINES LAUNDRY
Address:	613 WAVERLY ST
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	8905946 / 1992-07-30
Facility ID:	8905946
Site ID:	296528
Spill Date:	1989-09-16
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4

HAPPINESS LAUNDERERS & CL (Continued) **U003647116**

Cleanup Ceased:	1992-07-30
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1989-09-16
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1989-09-21
Spill Record Last Update:	2003-09-26
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	239965
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"GROSS LEAK, WILL EXCAVATE, ISOLATE & RETEST."

All TTF:

Facility ID:	8905946
Spill Number:	8905946
Spill Tank Test:	1536036
Site ID:	296528
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	296528
Operable Unit ID:	933586
Operable Unit:	01
Material ID:	446342
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

HAPPINESS LAUNDERERS & CL (Continued) **U003647116**

Units:	G
Recovered:	.00
Oxygenate:	Not reported
Name:	HAPPINES LAUNDRY
Address:	613 WAVERLY ST
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	8905945 / 1992-07-30
Facility ID:	8905945
Site ID:	296527
Spill Date:	1989-09-16
Spill Cause:	Tank Test Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	C3
Cleanup Ceased:	1992-07-30
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1989-09-16
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-09-21
Spill Record Last Update:	2003-09-26
Spiller Name:	Not reported
Spiller Company:	HAPPINESS LAUNDRY
Spiller Address:	613 WAVERLY ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	239965
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"-.196 GPH, WILL EXCAVATE, ISOLATE & RETEST"

All TTF:

Facility ID:	8905945
Spill Number:	8905945
Spill Tank Test:	1536035
Site ID:	296527
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00

HAPPINESS LAUNDERERS & CL (Continued) **U003647116**

Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	296527
Operable Unit ID:	933584
Operable Unit:	01
Material ID:	446341
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	613 WAVERLY AVE LLC (VACANT LOT)
Address:	613 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0700334 / 2008-03-06
Facility ID:	0700334
Facility Type:	ER
DER Facility ID:	335332
Site ID:	379661
DEC Region:	3
Spill Cause:	Other
Spill Class:	B3
SWIS:	6032
Spill Date:	2007-04-11
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2007-04-11
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-04-11
Spill Record Last Update:	2008-03-06
Spiller Name:	JOHN SHIBOSKI
Spiller Company:	613 WAVERLY AVENUE, LLC
Spiller Address:	620 FAYETTE AVE
Spiller Company:	999
Contact Name:	DEBORAH THOMPSON
DEC Memo:	"03/06/08 Remediation performed by DT Consulting Services, Inc. and consisted of soil removal completed in two phases. During Phase I, 2167.02 tons of of petroleum contaminated soil was excavated from the

HAPPINESS LAUNDERERS & CL (Continued) **U003647116**

contaminated area identified in a previous study. A report documenting that work indicated that contamination remained in two areas. Phase II of the soil excavation was implemented and and additional 613.87 tons of soil were excavated and disposed. Post Excavation TAGM sampling results were below DEC guidelines. NFA TG"

Remarks: "DURING SOIL TESTING FOUND CONTAMIATED SOIL;"

All Materials:

Site ID:	379661
Operable Unit ID:	1137138
Operable Unit:	01
Material ID:	2127102
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Z138 **HAPPINESS LAUNDRY & DRY CLEANERS** **RCRA-SQG 1000347718**
SW **613 WAVERLY AVE** **ICIS NYD012859534**
1/8-1/4 **MAMARONECK, NY 10543** **US AIRS**
0.181 mi. **FINDS**
958 ft. **Site 4 of 4 in cluster Z** **ECHO**
NY MANIFEST

Relative:
Higher

Actual:
29 ft.

RCRA-SQG:

Date form received by agency:	01/01/2007
Facility name:	HAPPINESS LAUNDRY SERVICES INC
Facility address:	613 WAVERLY AVE MAMARONECK, NY 10543
EPA ID:	NYD012859534
Mailing address:	WAVERLY AVE MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	WAVERLY AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported

HAPPINESS LAUNDRY & DRY CLEANERS (Continued) **1000347718**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: HAPPINESS LAUNDRY SERVICES INC
Classification: Small Quantity Generator

Date form received by agency: 07/14/1999
Site name: HAPPINESS LAUNDRY SERVICES INC
Classification: Small Quantity Generator

Date form received by agency: 05/06/1985
Site name: HAPPINESS LAUNDRY SERVICES INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

HAPPINESS LAUNDRY & DRY CLEANERS (Continued) **1000347718**

ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

ICIS:

Enforcement Action ID:	NY000A0000355320031400311
FRS ID:	110012643032
Action Name:	HAPPINESS LAUNDRY & DRY CLEANERS 36119R208900311
Facility Name:	HAPPINESS LAUNDRY & DRY CLEANERS
Facility Address:	613 WAVERLY AVE MAMARONECK, NY 105432245
Enforcement Action Type:	Notice of Violation
Facility County:	WESTCHESTER
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	7212
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.948055
Longitude in Decimal Degrees:	-73.745086
Permit Type Desc:	Not reported
Program System Acronym:	NY0000003553200314
Facility NAICS Code:	812320
Tribal Land Code:	Not reported

Enforcement Action ID:	NY000A0000355320031400303
FRS ID:	110012643032
Action Name:	HAPPINESS LAUNDRY & DRY CLEANERS 36119R208900303
Facility Name:	HAPPINESS LAUNDRY & DRY CLEANERS
Facility Address:	613 WAVERLY AVE MAMARONECK, NY 105432245
Enforcement Action Type:	Notice of Violation
Facility County:	WESTCHESTER
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	7212
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.948055
Longitude in Decimal Degrees:	-73.745086
Permit Type Desc:	Not reported
Program System Acronym:	NY0000003553200314
Facility NAICS Code:	812320
Tribal Land Code:	Not reported

US AIRS MINOR:

Envid:	1000347718
Region Code:	02
Programmatic ID:	AIR NY0000003553200314
Facility Registry ID:	110012643032
D and B Number:	Not reported

HAPPINESS LAUNDRY & DRY CLEANERS (Continued) **1000347718**

Primary SIC Code: 7212
NAICS Code: 812320
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000003553200314
Facility Registry ID: 110012643032
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2001-01-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000003553200314
Facility Registry ID: 110012643032
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2002-07-25 00:00:00
Activity Status Date: 2002-07-25 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000003553200314
Facility Registry ID: 110012643032
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2009-06-15 00:00:00
Activity Status Date: 2009-06-15 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

US AIRS MINOR:
Envid: 1000347718
Region Code: 02
Programmatic ID: AIR NY0000003553200314
Facility Registry ID: 110012643032
D and B Number: Not reported
Primary SIC Code: 7212
NAICS Code: 812320
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

HAPPINESS LAUNDRY & DRY CLEANERS (Continued) **1000347718**

US AIRS MINOR:

Region Code:	02
Programmatic ID:	AIR NY0000003553200314
Facility Registry ID:	110012643032
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	MACT Standards (40 CFR Part 63)
Activity Date:	2001-01-18 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	02
Programmatic ID:	AIR NY0000003553200314
Facility Registry ID:	110012643032
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	MACT Standards (40 CFR Part 63)
Activity Date:	2002-07-25 00:00:00
Activity Status Date:	2002-07-25 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	02
Programmatic ID:	AIR NY0000003553200314
Facility Registry ID:	110012643032
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	MACT Standards (40 CFR Part 63)
Activity Date:	2009-06-15 00:00:00
Activity Status Date:	2009-06-15 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

FINDS:

Registry ID: 110012643032

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource

HAPPINESS LAUNDRY & DRY CLEANERS (Continued) **1000347718**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000347718
Registry ID:	110012643032
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012643032

NY MANIFEST:

Name:	HAPPINESS LAUNDRY SERVICE
Address:	613 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYD012859534
Facility Status:	Not reported
Location Address 1:	613 WAVERLY AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD012859534
Mailing Name:	HAPPINESS LAUNDRY SERVICE
Mailing Contact:	HAPPINESS LAUNDRY SERVICE
Mailing Address 1:	613 WAVERLY AVENUE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146986000

NY MANIFEST:

Document ID:	NYC7698903
Manifest Status:	Not reported
seq:	Not reported
Year:	2005
Trans1 State ID:	TXR000050930

HAPPINESS LAUNDRY & DRY CLEANERS (Continued) **1000347718**

Trans2 State ID:	Not reported
Generator Ship Date:	10/13/2005
Trans1 Recv Date:	10/13/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/19/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD012859534
Trans1 EPA ID:	NY47344JF
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD980587364
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00240
Units:	P - Pounds
Number of Containers:	004
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01800
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.

HAPPINESS LAUNDRY & DRY CLEANERS (Continued) **1000347718**

Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

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139 CONTAINER TESTING LABORATORY **RCRA NonGen / NLR** **1000871279**
WSW 607 FAYETTE AVE **FINDS** **NY0000023390**
1/8-1/4 MAMARONECK, NY 10543 **ECHO**
0.187 mi. **NY MANIFEST**
988 ft.

Relative:
Lower

Actual:
24 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	CONTAINER TESTING LABORATORY
Facility address:	607 FAYETTE AVE MAMARONECK, NY 10543-2281
EPA ID:	NY0000023390
Mailing address:	FAYETTE AVE MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	FAYETTE AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	INCORPORATED IN DELAWARE
Owner/operator address:	607 FAYETTE AVE MAMARONECK, NY 10543
Owner/operator country:	US
Owner/operator telephone:	914-381-2600
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	INCORPORATED IN DELAWARE
Owner/operator address:	607 FAYETTE AVE MAMARONECK, NY 10543
Owner/operator country:	US
Owner/operator telephone:	914-381-2600
Owner/operator email:	Not reported

CONTAINER TESTING LABORATORY (Continued) **1000871279**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: CONTAINER TESTING LABORATORY
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: CONTAINER TESTING LABORATORY
Classification: Not a generator, verified

Date form received by agency: 10/12/1993
Site name: CONTAINER TESTING LABORATORY
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110004308071

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

CONTAINER TESTING LABORATORY (Continued) **1000871279**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000871279
Registry ID:	110004308071
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004308071

NY MANIFEST:

Name:	CONTAINER TESTING LAB INC
Address:	607 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY 10543-2281
Country:	USA
EPA ID:	NY0000023390
Facility Status:	Not reported
Location Address 1:	607 FAYETTER AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NY0000023390
Mailing Name:	CONTAINER TESTING LAB INC
Mailing Contact:	S C BROOKS
Mailing Address 1:	607 FAYETTER AVE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9143812600

NY MANIFEST:

Document ID:	NJA1792893
Manifest Status:	K
seq:	Not reported
Year:	1993
Trans1 State ID:	NJDEPES08
Trans2 State ID:	Not reported
Generator Ship Date:	11/17/1993
Trans1 Recv Date:	11/17/1993
Trans2 Recv Date:	/ /
TSD Site Recv Date:	11/17/1993
Part A Recv Date:	/ /
Part B Recv Date:	12/21/1993
Generator EPA ID:	NY0000023390
Trans1 EPA ID:	PAD008781072

CONTAINER TESTING LABORATORY (Continued) **1000871279**

Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00060
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AA140 **LEWIN RESIDENCE** **NY LTANKS** **S116156730**
ESE **311 FENIMORE RD** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.194 mi.
1023 ft. **Site 1 of 3 in cluster AA**

Relative:
Higher

Actual:
40 ft.

LTANKS:

Name:	LEWIN RESIDENCE
Address:	311 FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1308417 / 2014-01-27
Facility ID:	1308417
Site ID:	489153
Spill Date:	2013-11-19
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2013-11-19
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2013-11-19
Spill Record Last Update:	2014-01-27
Spiller Name:	Not reported
Spiller Company:	LEWIN
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	LEWIN
Spiller Phone:	(917) 734-7544
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	444251
DEC Memo:	"11/19/13 - Part of a real estate transaction. Proguard is the insurance company. The tank will either be repaired or removed. KAB 1/27/2014: Advanced Environmental removed and disposed of the UST. No evidence of a leak or of petroleum contamination was found. Tank Closure report reviewed and entered into eDocs. Based upon information provided to DEC, no further action is required at this time. jod"
Remarks:	"1000 gal ust"

All TTF:

Facility ID:	1308417
Spill Number:	1308417
Spill Tank Test:	2495004
Site ID:	489153
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	False
UST:	True

LEWIN RESIDENCE (Continued) **S116156730**

Cause:	04
Source:	04
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	JBODEE
Last Modified Date:	Not reported

All Materials:

Site ID:	489153
Operable Unit ID:	1238746
Operable Unit:	01
Material ID:	2238689
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

AA141 **VILLAGE GARDEN APTS** **NY LTANKS S102111004**
ESE **304 FENIMORE RD** **NY Spills N/A**
1/8-1/4 **MAMARONECK, NY**
0.202 mi.
1068 ft. **Site 2 of 3 in cluster AA**

Relative: **Higher**
Actual: **44 ft.**

LTANKS:

Name:	VILLAGE GARDEN APTS
Address:	304 FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9912867 / 2000-02-11
Facility ID:	9912867
Site ID:	266670
Spill Date:	2000-02-11
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2000-02-11
CID:	323
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-02-11
Spill Record Last Update:	2000-02-16
Spiller Name:	JOE

VILLAGE GARDEN APTS (Continued) **S102111004**

Spiller Company:	ROBINSON OIL
Spiller Address:	500 EXECUTIVE BLVD
Spiller County:	001
Spiller Contact:	MIKE PRIALEAU
Spiller Phone:	(914) 345-5700
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	217221
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE 02/11/2000 CLEANUP COMPLETED; DISPOSAL TO BE DONE BY ROBISON OIL. NFA"
Remarks:	"SPILL IS BEING CLEANED UP."

All Materials:

Site ID:	266670
Operable Unit ID:	1091570
Operable Unit:	01
Material ID:	294732
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	6.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	APARTMENT BLDG
Address:	304 FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1112707 / 2012-07-27
Facility ID:	1112707
Site ID:	460661
Spill Date:	2012-02-03
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2012-02-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2012-02-03
Spill Record Last Update:	2012-07-27
Spiller Name:	BENCHMARK MANAGEMENT-JOSH GAROFANO
Spiller Company:	APARTMENT BLDG
Spiller Address:	304 FENIMORE RD
Spiller County:	999
Spiller Contact:	BENCHMARK MANAGEMENT-JOSH GAROFANO

VILLAGE GARDEN APTS (Continued) **S102111004**

Spiller Phone: (914) 698-4100
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 217221
DEC Memo: "2/3/12- Left message at contact office for call back to duty desk. Office did not know if tank was registered with WCHD. DT Call back from Ed of Benchmark Mgmt.- He states quotes for retest being taken now. Tank is registered with WCDOH. DT 7/27/12: Update received from WCDOH: >>> Schneider, Wayne >wts1@westchestergov.com> 7/23/2012 9:21 AM >>> 1112707: 304 Fenimore rd. Mamaroneck- ttf 2/3/12. Tank removed. Endpoint soil sampling below CP-51 guidance *Based upon the information received, DEC requires no further action at this time. jod "
Remarks: "Test Failure. Repair & retest being scheduled."

All Materials:
Site ID: 460661
Operable Unit ID: 1210761
Operable Unit: 01
Material ID: 2208428
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

SPILLS:
Name: VILLAGE GARDENS TENANTS
Address: 304 FENIMORE ST
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 1111861 / 2012-01-10
Facility ID: 1111861
Facility Type: ER
DER Facility ID: 414239
Site ID: 459778
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: D4
SWIS: 6032
Spill Date: 2012-01-10
Investigator: JPCUMMIN
Referred To: Not reported
Reported to Dept: 2012-01-10
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0

VILLAGE GARDEN APTS (Continued) **S102111004**

Date Entered In Computer:	2012-01-10
Spill Record Last Update:	2012-01-10
Spiller Name:	Not reported
Spiller Company:	ROBISON OIL
Spiller Address:	500 EXECUTIVE BLVD
Spiller Company:	999
Contact Name:	MICHAEL BOUTON
DEC Memo:	"1-10-12 Little came out vent to soil below. Robison sent someone over and they cleaned up. jc"
Remarks:	"less than one gallon due to tank overfill, c/u in progress"

All Materials:

Site ID:	459778
Operable Unit ID:	1209873
Operable Unit:	01
Material ID:	2207422
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	RESIDENCE
Address:	304 FENIMORE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9509177 / 1995-10-30
Facility ID:	9509177
Facility Type:	ER
DER Facility ID:	85167
Site ID:	95213
DEC Region:	3
Spill Cause:	Deliberate
Spill Class:	C4
SWIS:	6032
Spill Date:	1995-10-25
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-10-25
CID:	266
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Federal Government
Cleanup Ceased:	1995-10-30
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-10-25
Spill Record Last Update:	1995-11-08
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999

VILLAGE GARDEN APTS (Continued) **S102111004**

Contact Name: EDWARD JENNINGS
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 10/30/95 REFERRED TO W.C.H.D."
Remarks: "HOUSE BEING RENOVATED. CONTRACTOR STRIPPING OFF OLD LEAD BASE PAINT AND ALLOWING IT TO FALL TO GROUND."

All Materials:
Site ID: 95213
Operable Unit ID: 1023411
Operable Unit: 01
Material ID: 360137
Material Code: 0055A
Material Name: paint
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AA142 **VILLAGE GARDENS** **NY UST** **U003995027**
ESE **304 FENIMORE ROAD** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.202 mi.
1068 ft. **Site 3 of 3 in cluster AA**

Relative:
Higher

Actual:
44 ft.

WESTCHESTER CO. UST:
Name: VILLAGE GARDENS
Address: 304 FENIMORE ROAD
City,State,Zip: MAMARONECK, NY 10543
Id/Status: 3-172316 / Administratively Closed
Operator Name: Paul H. Kerin
Owner Name: Village Gardens Tenants Corp.
Owner Street: 304 Fenimore Road
Owner Address2: Not reported
Owner City: Mamaroneck
Owner State: NY
Owner Zipcode: 105430400
GDS Number: Not reported

Tank Number: 1
Status: 3. Closed - Removed
Capacity: 5400
Product Stored: 0001. #2 Fuel Oil
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 12/01/1959
Date Perm Closure: 03/08/2012
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 1. Epoxy liner
Tank External Protection: 1. Painted/Asphalt Coating
Tank Secondary Containment: 0. None
Piping Location: 1. Aboveground
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Overfill Prevention: 5. Vent Whistle

VILLAGE GARDENS (Continued) **U003995027**

Piping Secondary Containment: Not reported
Spill Prevention: Not reported
Dispenser: 2. Suction

AB143 **CON EDISON** **RCRA NonGen / NLR** **1010787428**
NNE **286 MADISON AVE** **NYP004149506**
1/8-1/4 **MAMARONECK, NY 10543**
0.205 mi.
1083 ft. **Site 1 of 2 in cluster AB**

Relative:
Lower

Actual:
20 ft.

RCRA NonGen / NLR:
Date form received by agency: 03/15/2008
Facility name: CON EDISON
Facility address: 286 MADISON AVE
MAMARONECK, NY 10543
EPA ID: NYP004149506
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: MICHAEL D'AGOSTINO
Contact address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-580-8383
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/14/2008
Site name: CON EDISON
Classification: Unverified

Violation Status: No violations found

AC144 **CON EDISON** **RCRA NonGen / NLR** **1014398268**
NW **851 FENIMORE RD & WING FOOT RD** **NY MANIFEST** **NYP004206191**
1/8-1/4 **MAMARONECK, NY 10543**
0.206 mi.
1086 ft. **Site 1 of 4 in cluster AC**

Relative:
Higher

Actual:
26 ft.

RCRA NonGen / NLR:

Date form received by agency:	05/03/2010
Facility name:	CON EDISON
Facility address:	851 FENIMORE RD & WING FOOT RD MAMARONECK, NY 10543
EPA ID:	NYP004206191
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	PATRICK HANLEY
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	347-203-1475
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	851 FENIMORE RD & WING FOOT RD
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004206191
Facility Status:	Not reported
Location Address 1:	851 FENIMORE ROAD POLE 1
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

CON EDISON (Continued) **1014398268**

NY MANIFEST:

EPAID:	NYP004206191
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	THOMAS TEELING
Mailing Address 1:	4 IRVING PL RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2010
Trans1 State ID:	NJ0000027153
Trans2 State ID:	Not reported
Generator Ship Date:	05/03/2010
Trans1 Recv Date:	05/03/2010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/05/2010
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004206191
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	003533152JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	620.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Waste Code:	B002

CON EDISON (Continued) **1014398268**

Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

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145 North 1/8-1/4 0.206 mi. 1090 ft. **RESIDENCE** **NY LTANKS** **S106869194**
755 PLAZA AVE **N/A**
MAMARONECK, NY

Relative: Lower

Actual: 18 ft.

LTANKS:

Name:	RESIDENCE
Address:	755 PLAZA AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0500755 / 2005-06-17
Facility ID:	0500755
Site ID:	343811
Spill Date:	2005-04-18
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-04-18
CID:	407
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-04-18
Spill Record Last Update:	2005-06-17
Spiller Name:	ABDELWAHAB SEDKI
Spiller Company:	RESIDENCE
Spiller Address:	755 PLAZA AVE
Spiller County:	001
Spiller Contact:	ABDELWAHAB SEDKI
Spiller Phone:	(914) 381-5191
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	290414
DEC Memo:	"06/09/05 NORTHEAST ENVIRONMENTAL PULLING TANK; REPORT TO FOLLOW. jod June 17, 2005 ALSO REPORTED AS 05-02535. SEE THAT SPILL FOR ALL UPDATE INFORMATION. NFA THIS SPILL NUMBER. jod"
Remarks:	"Recommend uncover/repair/retest or remove."

All TTF:

Facility ID:	0500755

RESIDENCE (Continued) **S106869194**

Spill Number:	0500755
Spill Tank Test:	1548819
Site ID:	343811
Tank Number:	1
Tank Size:	275
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

Name:	SEDKI HOME
Address:	755 PLAZA AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0502535 / 2005-06-17
Facility ID:	0502535
Site ID:	346928
Spill Date:	2005-06-02
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-06-02
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-06-02
Spill Record Last Update:	2005-06-17
Spiller Name:	MR SEDKI
Spiller Company:	SEDKI HOME
Spiller Address:	755 PLAZA AVE
Spiller County:	001
Spiller Contact:	MR SEDKI
Spiller Phone:	(914) 714-8005
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	290414
DEC Memo:	"Previously reported as spill 05-00755. June 17, 2005 NORTHEAST ENVIRONMENTAL DISPOSED OF LUST AND 2 DRUMS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"550 GALLON TANK: HOLES IN TANK AND CONTAMINATED SOIL: (SMALL

RESIDENCE (Continued) **S106869194**

AMOUNT)"

All Materials:

Site ID:	346928
Operable Unit ID:	1104676
Operable Unit:	01
Material ID:	814225
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AD146 **AMERCHOL CORPORATION** **NY LTANKS** **S104619320**
SW **628 WAVERLY AVENUE** **NY CBS** **N/A**
1/8-1/4 **MAMARONECK, NY 10543** **NY Spills**
0.208 mi.
1096 ft. **Site 1 of 6 in cluster AD**

Relative: **Higher**

Actual: **29 ft.**

LTANKS:

Name:	SPILL NUMBER 9606020
Address:	628 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9606020 / 2003-09-09
Facility ID:	9606020
Site ID:	197509
Spill Date:	1996-08-08
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jghardy
Referred To:	Not reported
Reported to Dept:	1996-08-09
CID:	322
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-08-09
Spill Record Last Update:	2003-09-23
Spiller Name:	RON LEICHLITER
Spiller Company:	AMERCHOL CORP
Spiller Address:	628 WAVERLY AVE
Spiller County:	001
Spiller Contact:	RON LEICHLITER
Spiller Phone:	(908) 248-6047
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	164371

AMERCHOL CORPORATION (Continued) **S104619320**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was HARDY CLOSURE REPORT RECEIVED FROM PRECISION ENVIRONMENTAL. SPILL CLOSED BY JIM HARDY."
Remarks: "lab results show contaiminated soil at the remote fill"

All Materials:
Site ID: 197509
Operable Unit ID: 1033534
Operable Unit: 01
Material ID: 348760
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: AMERCHOL
Address: 628 WAVERLY AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 8705596 / 1987-11-17
Facility ID: 8705596
Site ID: 299669
Spill Date: 1987-10-02
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: 1987-10-16
SWIS: 6032
Investigator: jeokesso
Referred To: Not reported
Reported to Dept: 1987-10-02
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: 1987-11-17
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1987-11-13
Spill Record Last Update: 1996-06-12
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 164371
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON 10-16-87 TANK REMOVED FROM GROUND.INDICATED BY MIKE LANNI. NFA. "
Remarks: "7.5K SYSTEM- -.449 GPH PBS# 175498. TO RETEST."

AMERCHOL CORPORATION (Continued) **S104619320**

All TTF:

Facility ID:	8705596
Spill Number:	8705596
Spill Tank Test:	1531808
Site ID:	299669
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	299669
Operable Unit ID:	909421
Operable Unit:	01
Material ID:	468185
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

CBS:

Name:	AMERCHOL CORPORATION
Address:	628 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
CBS Number:	3-000091
Program Type:	CBS
Facility Status:	Inactive
Expiration Date:	Not reported
Dec Region:	3
UTMX:	605630.77412
UTMY:	4533744.53970

SPILLS:

Name:	AMERCHOL CORP.
Address:	628 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9500979 / 1995-05-26
Facility ID:	9500979
Facility Type:	ER
DER Facility ID:	164371
Site ID:	299670

AMERCHOL CORPORATION (Continued) **S104619320**

DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	6032
Spill Date:	1995-04-24
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-04-24
CID:	Not reported
Water Affected:	MAMARONECK RIVER
Spill Source:	Commercial/Industrial
Spill Notifier:	Police Department
Cleanup Ceased:	1995-05-26
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-12-02
Spill Record Last Update:	2003-12-02
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"OFF. MCGLINCHEY REPORTED THAT COMPANY WAS CLEANING UP YARD THEY HOSED DOWN AREA INTO STORM DRAINS MAY BE LANOLINE DLE WAS CONTACTED PRODUCT UNRECOVERABLE"

All Materials:

Site ID:	299670
Operable Unit ID:	1011883
Operable Unit:	01
Material ID:	369594
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	AMERCHOL
Address:	628 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	8903850 / 1989-07-18
Facility ID:	8903850
Facility Type:	ER
DER Facility ID:	164371
Site ID:	197508
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	6032

AMERCHOL CORPORATION (Continued) **S104619320**

Spill Date:	1989-07-18
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1989-07-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	1989-07-18
Cleanup Meets Std:	True
Last Inspection:	1989-07-18
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1989-07-18
Spill Record Last Update:	2003-09-26
Spiller Name:	Not reported
Spiller Company:	AMERCHOL
Spiller Address:	628 WAVERLY AVE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 11/29/95: This is additional information about material spilled from the translation of the old spill file: AMONIA."
Remarks:	"VALVE MALFUNCTION. SPILL CONTAINED ON FLOOR INSIDE BLDG. LESS THAN 60 LBS. NFA"

All Materials:

Site ID:	197508
Operable Unit ID:	931471
Operable Unit:	01
Material ID:	447923
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	160.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

AD147 **AMERCHOL CORPORATION** **NY AST** **S105455769**
SW **628 WAVERLY AVENUE** **NY CBS AST** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.208 mi.
1096 ft. **Site 2 of 6 in cluster AD**

Relative:
Higher

Actual:
29 ft.

WESTCHESTER CO. AST:

Name:	AMERCHOL CORPORATION
Address:	628 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
PBS Number:	3-175498
Site Status:	Unregulated: <1101 gal. PBS
GDS Number:	Not reported
Operator Name:	Ron Leichliter
Owner Name:	Amerchol Corporation
Owner Street:	136 Talmadge Rd

AMERCHOL CORPORATION (Continued) **S105455769**

Owner Address2:	Not reported
Owner City/State/Zip:	Edison, NJ 08818-4051
Tank Number:	3
Status:	4. Closed - in place
Date Installation:	07/01/1988
Capacity:	7500
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	04/01/1998
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating,99. Other
Tank Leak Detection:	99. Other
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	3. Aboveground/underground combination
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	Not reported
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	Not reported
Dispenser:	3. Gravity

AD148 **AMERCHOL MFG INC** **RCRA NonGen / NLR** **1000354483**
SW **628 WAVERLY AVE** **NY MANIFEST** **NYD010944163**
1/8-1/4 **MAMARONECK, NY 10543**
0.208 mi.
1096 ft. **Site 3 of 6 in cluster AD**

Relative:
Higher

Actual:
29 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	AMERCHOL MFG INC
Facility address:	628 WAVERLY AVE MAMARONECK, NY 10543
EPA ID:	NYD010944163
Mailing address:	PO BOX R MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	PO BOX R MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	AMERCHOL CORP PO BOX 351 EDISON NJ 08871
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported

AMERCHOL MFG INC (Continued) **1000354483**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: AMERCHOL CORP PO BOX 351 EDISON NJ 08871
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: AMERCHOL MFG INC
Classification: Not a generator, verified

Date form received by agency: 03/30/1995
Site name: AMERCHOL MFG INC
Classification: Unverified

Date form received by agency: 08/18/1980
Site name: AMERCHOL MFG INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

AMERCHOL MFG INC (Continued) **1000354483**

Evaluation Action Summary:
Evaluation date: 08/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 11/12/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

NY MANIFEST:
Name: AMERCHOL CORPORATION
Address: 628 WAVERLY AVE
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYD010944163
Facility Status: Not reported
Location Address 1: 628 WAVERLY AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD010944163
Mailing Name: AMERCHOL CORPORATION
Mailing Contact: AMERCHOL CORPORATION
Mailing Address 1: 628 WAVERLY AVENUE
Mailing Address 2: Not reported
Mailing City: MAMARONECK
Mailing State: NY
Mailing Zip: 10543
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9146988550

NY MANIFEST:
Document ID: MDC0564991
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: HWH0142
Trans2 State ID: Not reported
Generator Ship Date: 10/07/1996
Trans1 Recv Date: 10/07/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 10/11/1996
Part A Recv Date: 10/21/1996
Part B Recv Date: 10/31/1996
Generator EPA ID: NYD010944163
Trans1 EPA ID: NJD071629976

AMERCHOL MFG INC (Continued) **1000354483**

Trans2 EPA ID:	Not reported
TSDF ID 1:	MDD980554653
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	U080 - METHYLENE CHLORIDE
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	02775
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	U080 - METHYLENE CHLORIDE
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01000
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

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-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AD149 **CON EDISON** **NY MANIFEST** **S117536401**
SW **628 WAVERLY AV** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.208 mi.
1096 ft. **Site 4 of 6 in cluster AD**

Relative:
Higher

Actual:
29 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	628 WAVERLY AV
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004688685
Facility Status:	Not reported
Location Address 1:	628 WAVERLY AV
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004688685
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	11/02/2014
Trans1 Recv Date:	11/02/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/04/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004688685
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	012772221JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117536401**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	D008
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AD150 **AMERCHOL CORPORATION** **NY UST** **U004308771**
SW **628 WAVERLY AVENUE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.208 mi.
1096 ft. **Site 5 of 6 in cluster AD**

Relative: WESTCHESTER CO. UST:
Higher

Actual:
29 ft.

Name:	AMERCHOL CORPORATION
Address:	628 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-175498 / Unregulated: <1101 gal. PBS
Operator Name:	Ron Leichliter
Owner Name:	Amerchol Corporation
Owner Street:	136 Talmadge Rd
Owner Address2:	Not reported
Owner City:	Edison
Owner State:	NJ
Owner Zipcode:	08818-4051
GDS Number:	Not reported
Tank Number:	1
Status:	3a. Closed - Prior to 04/1991
Capacity:	7500
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1974
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection

AMERCHOL CORPORATION (Continued) **U004308771**

Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	2
Status:	3a. Closed - Prior to 04/1991
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1974
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

151
ESE
1/8-1/4
0.212 mi.
1118 ft.

ROBINSON HOME
453 PALMER AVE
MAMARONECK, NY

NY LTANKS **S109060704**
NY Spills **N/A**

Relative:
Higher

Actual:
46 ft.

LTANKS:

Name:	ROBINSON HOME
Address:	453 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0611930 / 2012-08-17
Facility ID:	0611930
Site ID:	376673
Spill Date:	2007-01-29
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	2007-01-29
CID:	444
Water Affected:	Not reported

ROBINSON HOME (Continued) **S109060704**

Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2007-01-29
Spill Record Last Update:	2012-08-17
Spiller Name:	SAMANTHA ROBINSON
Spiller Company:	ROBINSON HOME
Spiller Address:	453 PALMER AVE
Spiller County:	001
Spiller Contact:	SAMANTHA ROBINSON
Spiller Phone:	(917) 836-0469
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	326261
DEC Memo:	"8/2/10 Homeowner TTF JO'M 8/17/12 Homeomer TTF greater then 5 years old and no indications of contamination will be closed. This was done with consultations between Albany and the Region. NFA JO'M"
Remarks:	""

All TTF:

Facility ID:	0611930
Spill Number:	0611930
Spill Tank Test:	1550597
Site ID:	376673
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	376673
Operable Unit ID:	1134239
Operable Unit:	01
Material ID:	2124097
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

ROBINSON HOME (Continued) **S109060704**

SPILLS:

Name:	SUDA RESIDENCE
Address:	453 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0713313 / 2008-05-13
Facility ID:	0713313
Facility Type:	ER
DER Facility ID:	326261
Site ID:	395043
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6032
Spill Date:	2008-03-17
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2008-03-17
CID:	444
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-03-17
Spill Record Last Update:	2008-05-13
Spiller Name:	JUSTIN SUDA
Spiller Company:	Not reported
Spiller Address:	453 PALMER AVE
Spiller Company:	001
Contact Name:	JUSTIN SUDA
DEC Memo:	"05/07/08 New England Tank Services Inc reported that they excavated and removed one 1000 gallon tank along with 8.07 tons of petroleum contaminated soil. Post excavation TAGM soil samples results were below DEC guidelines. NFA. TG"
Remarks:	"HOLES IN TANK"

All TTF:

Facility ID:	0713313
Spill Number:	0713313
Spill Tank Test:	2384856
Site ID:	395043
Tank Number:	Not reported
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	03
Source:	01
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog

ROBINSON HOME (Continued) **S109060704**

Last Modified Date: Not reported

All Materials:
Site ID: 395043
Operable Unit ID: 1151989
Operable Unit: 01
Material ID: 2142760
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AC152 **RESIDENCE** **NY LTANKS** **S103037385**
NW **810 FENIMORE RD** **NY Spills** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.213 mi.
1122 ft. **Site 2 of 4 in cluster AC**

Relative: **Lower**
Actual: **24 ft.**

LTANKS:
Name: RESIDENCE
Address: 810 FENIMORE RD
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 9712773 / 1998-11-10
Facility ID: 9712773
Site ID: 236700
Spill Date: 1998-02-16
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6032
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1998-02-16
CID: 312
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-02-16
Spill Record Last Update: 1999-10-27
Spiller Name: JIM ROOD
Spiller Company: Not reported
Spiller Address: 810 FENIMORE RD
Spiller County: 001
Spiller Contact: JIM ROOD
Spiller Phone: (914) 697-7654
Spiller Extention: Not reported
DEC Region: 3

RESIDENCE (Continued) **S103037385**

DER Facility ID: 194997
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "Tank failed the test - Pete Decicco advised at 1433. Tank pulled by NES. Same spill as #97-13389."

All TTF:
Facility ID: 9712773
Spill Number: 9712773
Spill Tank Test: 1545618
Site ID: 236700
Tank Number: 001
Tank Size: 1000
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

Name: RESIDENCE
Address: 810 FENIMORE RD
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 9713389 / 1998-03-24
Facility ID: 9713389
Site ID: 236701
Spill Date: 1998-03-03
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6032
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1998-03-03
CID: 205
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-03-03
Spill Record Last Update: 1998-04-21
Spiller Name: Not reported
Spiller Company: BRIGANTE RESIDENCE
Spiller Address: 810 FENIMORE RD
Spiller County: 001
Spiller Contact: CALLER
Spiller Phone: (914) 741-5472
Spiller Extention: Not reported

RESIDENCE (Continued) **S103037385**

DEC Region: 3
DER Facility ID: 194997
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 03/24/98 LETTER FROM NES; NFA; "
Remarks: "CALLER REPORTED CANTAMINATION AROUND 1000 GAL U/G TANK."

All Materials:
Site ID: 236701
Operable Unit ID: 1056249
Operable Unit: 01
Material ID: 324405
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: BRIGANTE DELORIS
Address: 810 FENIMORE RD
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 9711937 / 1998-11-10
Facility ID: 9711937
Facility Type: ER
DER Facility ID: 194997
Site ID: 236699
DEC Region: 3
Spill Cause: Unknown
Spill Class: C3
SWIS: 6032
Spill Date: 1998-01-24
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 1998-01-26
CID: 205
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-01-26
Spill Record Last Update: 2006-02-03
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: CALLER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 01/26/98 NO PROBLEMS NOTED WITH OIL BURNER; TANK HAS NO WATER

RESIDENCE (Continued) **S103037385**

IN IT; OIL IS DARK IN COLOR;"
Remarks: "Caller reported an odor of oil in sump hole. Caller has an u/g oil tank on property. Tank removed by NES. Same spill as #97-13389."

All Materials:

Site ID:	236699
Operable Unit ID:	1058304
Operable Unit:	01
Material ID:	326567
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AB153 **CON EDISON GAS DRIP 358** **RCRA NonGen / NLR** **1010787436**
NNE **281 MADISON ST GAS DRIP 358** **NYP004149589**
1/8-1/4 **MAMARONECK, NY 10543**
0.213 mi.
1123 ft. **Site 2 of 2 in cluster AB**

Relative:
Lower

Actual:
21 ft.

RCRA NonGen / NLR:

Date form received by agency:	03/15/2008
Facility name:	CON EDISON GAS DRIP 358
Facility address:	281 MADISON ST GAS DRIP 358 MAMARONECK, NY 10543
EPA ID:	NYP004149589
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	PAUL WALSH
Contact address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-580-8383
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No

CON EDISON GAS DRIP 358 (Continued) **1010787436**

Used oil transporter: No

Historical Generators:
Date form received by agency: 03/14/2008
Site name: CON EDISON
Classification: Unverified

Violation Status: No violations found

AE154 **JJH PARTNERS** **NY AST** **A100269506**
SSE **550 PALMER AVENUE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.213 mi.
1125 ft. **Site 1 of 3 in cluster AE**

Relative:
Higher

Actual:
58 ft.

WESTCHESTER CO. AST:

Name:	JJH PARTNERS
Address:	550 PALMER AVENUE
City,State,Zip:	MAMARONECK, NY 10543
PBS Number:	3-800197
Site Status:	Unregulated: <1101 gal. PBS
GDS Number:	Not reported
Operator Name:	Harry P. Spadaro
Owner Name:	JJH Partners
Owner Street:	138 Mamaroneck Avenue
Owner Address2:	Not reported
Owner City/State/Zip:	Mamaroneck, NY 10543
Tank Number:	1
Status:	3. Closed - Removed
Date Installation:	Not reported
Capacity:	2000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	09/17/2007
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	Not reported
Dispenser:	0. None

AE155 **550 PALMER AVENUE MAMARONECK** **NY UST** **U004308855**
SSE **550 PALMER AVE** **N/A**
1/8-1/4 **MAMARONECK, NY 10602**
0.213 mi.
1125 ft. **Site 2 of 3 in cluster AE**

Relative: WESTCHESTER CO. UST:
Higher

Name:	550 PALMER AVENUE MAMARONECK
Address:	550 PALMER AVE
City,State,Zip:	MAMARONECK, NY 10602
Id/Status:	3-239585 / Administratively Closed
Operator Name:	Brenden White Supt
Owner Name:	Schwartzman Const Corp Inc
Owner Street:	201 E 28th St
Owner Address2:	Not reported
Owner City:	New York
Owner State:	NY
Owner Zipcode:	10016
GDS Number:	Not reported
Tank Number:	1
Status:	0. Administratively closed
Capacity:	2000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1900
Date Perm Closure:	03/01/1995
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	Not reported
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Actual:
58 ft.

AE156 **APARTMENT BLDG** **NY LTANKS** **S108765478**
SSE **550 PALMER AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.213 mi.
1125 ft. **Site 3 of 3 in cluster AE**

Relative: LTANKS:
Higher

Name:	APARTMENT BLDG
Address:	550 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0705043 / 2009-11-05
Facility ID:	0705043
Site ID:	385307
Spill Date:	2007-08-02
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032

Actual:
58 ft.

APARTMENT BLDG (Continued) **S108765478**

Investigator:	jkomara
Referred To:	WCDOH
Reported to Dept:	2007-08-02
CID:	410
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2007-08-02
Spill Record Last Update:	2009-11-05
Spiller Name:	HARRY SPADERO
Spiller Company:	APARTMENT BLDG
Spiller Address:	550 PALMER AVE
Spiller County:	001
Spiller Contact:	HARRY SPADERO
Spiller Phone:	(914) 698-1938
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	334694
DEC Memo:	"Refer to WCHD PBS #3-800197. (Left message with Apt. Bldg. contact.) 11/05/09 NFA by wchd jo'm"
Remarks:	"PBS No: 3-800197 -PBS No. not found in UIS, may be invalid. REC UNCOVER, REPAIR AND RETEST:"

All TTF:

Facility ID:	0705043
Spill Number:	0705043
Spill Tank Test:	1551053
Site ID:	385307
Tank Number:	1
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	385307
Operable Unit ID:	1142577
Operable Unit:	01
Material ID:	2132815
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G

APARTMENT BLDG (Continued) **S108765478**

Recovered: .00
Oxygenate: Not reported

AD157 **METAGLO INC** **RCRA-VSQG** **1000143664**
SW **WAVERLY AVE** **ICIS** **NYD053535662**
1/8-1/4 **MAMARONECK, NY 10543** **US AIRS**
0.215 mi. **FINDS**
1135 ft. **Site 6 of 6 in cluster AD** **ECHO**
NJ MANIFEST

Relative:
Higher

Actual:
29 ft.

RCRA-VSQG:
Date form received by agency: 01/01/2007
Facility name: METAGLO INC
Facility address: WAVERLY AVE
MAMARONECK, NY 10543
EPA ID: NYD053535662
Contact: JAMES J DOORLEY
Contact address: WAVERLY AVE
MAMARONECK, NY 10543
Contact country: US
Contact telephone: 914-698-8701
Contact email: DOORLEY@PTONLINE.NET
EPA Region: 02
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: DAVID TESSEL
Owner/operator address: WAVERLY AVE

METAGLO INC (Continued) **1000143664**

MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/01/1988
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: METAGLO INC
Classification: Small Quantity Generator

Date form received by agency: 05/13/2004
Site name: METAGLO INC
Classification: Not a generator, verified

Date form received by agency: 04/05/1995
Site name: METAGLO INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/20/1981
Site name: METAGLO INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

METAGLO INC (Continued) **1000143664**

. Waste code: D008
. Waste name: LEAD

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F017
. Waste name: Not Defined

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/13/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/12/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

ICIS:
Enforcement Action ID: NY000A0000355320005500020
FRS ID: 110000322785
Action Name: META-GLO CORP 361190015500020
Facility Name: META-GLO CORP
Facility Address: 625 WAVERLY AVE
MAMARONECK, NY 10543
Enforcement Action Type: Administrative Order
Facility County: WESTCHESTER
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3089
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.94752
Longitude in Decimal Degrees: -73.74571
Permit Type Desc: Not reported
Program System Acronym: NY0000003553200055
Facility NAICS Code: 326199
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000355320005500019
FRS ID: 110000322785
Action Name: META-GLO CORP 361190015500019
Facility Name: META-GLO CORP
Facility Address: 625 WAVERLY AVE
MAMARONECK, NY 10543
Enforcement Action Type: Notice of Violation
Facility County: WESTCHESTER
Program System Acronym: AIR

METAGLO INC (Continued) **1000143664**

Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3089
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.94752
Longitude in Decimal Degrees:	-73.74571
Permit Type Desc:	Not reported
Program System Acronym:	NY0000003553200055
Facility NAICS Code:	326199
Tribal Land Code:	Not reported
Enforcement Action ID:	02-1992-0071
FRS ID:	110000322785
Action Name:	METAGLO INC
Facility Name:	METAGLO CORPORATION
Facility Address:	625 WAVERLY AVENUE MAMARONECK, NY 10543
Enforcement Action Type:	EPCRA 325 Action For Penalty
Facility County:	WESTCHESTER
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	325
Facility SIC Code:	3079
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.94812
Longitude in Decimal Degrees:	-73.745016
Permit Type Desc:	Not reported
Program System Acronym:	25476
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	02-1987-0610
FRS ID:	110000322785
Action Name:	META-GLO CORP
Facility Name:	METAGLO CORPORATION
Facility Address:	625 WAVERLY AVENUE MAMARONECK, NY 10543
Enforcement Action Type:	CAA 113 Notice Of Violation
Facility County:	WESTCHESTER
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	113
Facility SIC Code:	3079
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.94812
Longitude in Decimal Degrees:	-73.745016
Permit Type Desc:	Not reported
Program System Acronym:	25476
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	02-000F000361190015500009
FRS ID:	110000322785
Action Name:	META-GLO CORP 361190015500009
Facility Name:	META-GLO CORP
Facility Address:	625 WAVERLY AVE MAMARONECK, NY 10543

METAGLO INC (Continued) **1000143664**

Enforcement Action Type:	Notice of Violation
Facility County:	WESTCHESTER
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3089
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.94752
Longitude in Decimal Degrees:	-73.74571
Permit Type Desc:	Not reported
Program System Acronym:	NY0000003553200055
Facility NAICS Code:	326199
Tribal Land Code:	Not reported

Facility Name:	METAGLO INC.
Address:	625 WAVERLY AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3079

Facility Name:	METAGLO INC.
Address:	625 WAVERLY AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3079

Facility Name:	METAGLO INC.
Address:	625 WAVERLY AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3079

Facility Name:	METAGLO INC.
Address:	625 WAVERLY AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3079

Facility Name:	METAGLO INC.
Address:	625 WAVERLY AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3079

Facility Name:	METAGLO INC.
Address:	625 WAVERLY AVENUE
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3079

METAGLO INC (Continued) **1000143664**

Facility Name: METAGLO INC.
Address: 625 WAVERLY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3079

Facility Name: METAGLO INC.
Address: 625 WAVERLY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3079

Facility Name: METAGLO INC.
Address: 625 WAVERLY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3079

Facility Name: METAGLO INC.
Address: 625 WAVERLY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3079

Facility Name: METAGLO INC.
Address: 625 WAVERLY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3079

Facility Name: METAGLO INC.
Address: 625 WAVERLY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3079

Facility Name: METAGLO INC.
Address: 625 WAVERLY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3079

Facility Name: METAGLO INC.
Address: 625 WAVERLY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3079

Facility Name: METAGLO INC.

METAGLO INC (Continued) **1000143664**

Address: 625 WAVERLY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3079

Facility Name: METAGLO INC.
Address: 625 WAVERLY AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3079

US AIRS (AFS):
Envid: 1000143664
Region Code: 02
County Code: NY119
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
D and B Number: Not reported
Facility Site Name: META-GLO CORP
Primary SIC Code: 3089
NAICS Code: 326199
Default Air Classification Code: SMI
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS (AFS):
Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 1998-06-01 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2000-06-06 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR

METAGLO INC (Continued) **1000143664**

Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-03-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-08-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-10-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-11-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02

METAGLO INC (Continued) **1000143664**

Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-10-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-06-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-11-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-08-19 00:00:00
Activity Status Date: 1997-08-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-03-08 00:00:00
Activity Status Date: 1988-03-08 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal

METAGLO INC (Continued) **1000143664**

Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000003553200055
Facility Registry ID: 110000322785
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-02-19 00:00:00
Activity Status Date: 1997-02-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:

Registry ID: 110000322785

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR SYNTHETIC MINOR

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

METAGLO INC (Continued) **1000143664**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000143664
Registry ID:	110000322785
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000322785

NJ MANIFEST:

EPA Id:	NYD053535662
Mail Address:	Not reported
Mail City/State/Zip:	Not reported
Facility Phone:	9146988701
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA5243252
EPA ID:	NYD053535662
Date Shipped:	09/26/2005
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported

METAGLO INC (Continued) **1000143664**

Date Trans1 Transported Waste:	09/26/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/26/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11160521
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	003123537SKS
EPA ID:	NYD053535662
Date Shipped:	3/2/2012
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported

METAGLO INC (Continued) **1000143664**

Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D002
Hand Code:	Not reported
Quantity:	40.00 Pounds

Manifest Year:	Not reported
Waste Code:	D002
Hand Code:	Not reported
Quantity:	40.00 Pounds

Manifest Number:	002689105SKS
EPA ID:	NYD053535662
Date Shipped:	8/3/2011
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

METAGLO INC (Continued) **1000143664**

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: Not reported
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 10.00 Pounds

Manifest Year: Not reported
Waste Code: D002
Hand Code: H141
Quantity: 80.00 Pounds

Manifest Year: Not reported
Waste Code: D002
Hand Code: H141
Quantity: 40.00 Pounds

AC158 **WINGED FOOT GOLF CLUB** **NY UST U004177666**
NW **851 FENIMORE ROAD** **NY AST N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.217 mi.
1145 ft. **Site 3 of 4 in cluster AC**

Relative: **Lower**
Actual: **21 ft.**

WESTCHESTER CO. UST:
Name: WINGED FOOT GOLF CLUB
Address: 851 FENIMORE ROAD
City,State,Zip: MAMARONECK, NY 10543
Id/Status: 3-238090 / Active
Operator Name: Winged Foot Golf Club
Owner Name: Winged Foot Golf Club
Owner Street: 851 Fenimore Road
Owner Address2: Not reported
Owner City: Mamaroneck
Owner State: NY
Owner Zipcode: 10543
GDS Number: TBD

Tank Number: 1
Status: 3. Closed - Removed
Capacity: 3000
Product Stored: Not reported
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: Not reported
Date Perm Closure: Not reported
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None

WINGED FOOT GOLF CLUB (Continued) **U004177666**

Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	3. Gravity

Tank Number:	13
Status:	1. In-Service
Capacity:	3000
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	04/01/1999
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	4. Fiberglass coated steel
Tank Internal Protection:	0. None
Tank External Protection:	2. Original sacrificial anode
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	3. Aboveground/Underground Combination
Piping Type:	11. Flexible Piping
Piping External Protection:	9. Urethane
Overfill Prevention:	5. Vent Whistle
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	16(MAINT)
Status:	3. Closed - Removed
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	04/01/2000
Date Perm Closure:	02/08/2006
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	5. Vent Whistle
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	0. None

Tank Number:	17(SPRAY)
Status:	3. Closed - Removed
Capacity:	275
Product Stored:	Not reported

WINGED FOOT GOLF CLUB (Continued) **U004177666**

Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1992
Date Perm Closure:	02/08/2006
Tank Location:	Not reported
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	5. Vent Whistle
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	0. None

Tank Number:	2
Status:	3. Closed - Removed
Capacity:	1500
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	04/01/1999
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	3. Gravity

Tank Number:	3
Status:	3. Closed - Removed
Capacity:	550
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	04/01/1999
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None

WINGED FOOT GOLF CLUB (Continued) **U004177666**

Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	3. Gravity

Tank Number:	4
Status:	3. Closed - Removed
Capacity:	550
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	04/01/1999
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	3. Gravity

Tank Number:	40
Status:	3. Closed - Removed
Capacity:	1000
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	06/01/1980
Date Perm Closure:	02/20/2014
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Secondary Containment:	0. None
Piping Location:	0. No Piping
Piping Type:	0. No Piping
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	0. None
Spill Prevention:	0. None
Dispenser:	0. None

Tank Number:	5
Status:	3. Closed - Removed
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	04/01/1999

WINGED FOOT GOLF CLUB (Continued) **U004177666**

Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	3. Gravity

Tank Number:	7
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	03/01/1980
Date Perm Closure:	04/01/1999
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	8
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	03/01/1980
Date Perm Closure:	04/01/1999
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

WINGED FOOT GOLF CLUB (Continued) **U004177666**

Tank Number:	9
Status:	3. Closed - Removed
Capacity:	1000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	10/01/1997
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	Not reported
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported
Dispenser:	2. Suction

WESTCHESTER CO. AST:

Name:	WINGED FOOT GOLF CLUB
Address:	851 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY 10543
PBS Number:	3-238090
Site Status:	Active
GDS Number:	TBD
Operator Name:	Winged Foot Golf Club
Owner Name:	Winged Foot Golf Club
Owner Street:	851 Fenimore Road
Owner Address2:	Not reported
Owner City/State/Zip:	Mamaroneck, NY 10543

Tank Number:	14(STF HSE)
Status:	3. Closed - Removed
Date Installation:	06/01/1997
Capacity:	330
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	11/01/2013
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	99. Other
Tank Secondary Containment:	99. Other
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

WINGED FOOT GOLF CLUB (Continued) **U004177666**

Tank Number:	15(STF HSE)
Status:	3. Closed - Removed
Date Installation:	05/01/2002
Capacity:	275
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	11/01/2013
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	99. Other
Tank Secondary Containment:	99. Other
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	16-R
Status:	1. In-Service
Date Installation:	02/01/2006
Capacity:	330
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	17-R
Status:	1. In-Service
Date Installation:	02/01/2006
Capacity:	330
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating

WINGED FOOT GOLF CLUB (Continued) **U004177666**

Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	18(WASTE)
Status:	1. In-Service
Date Installation:	05/01/1992
Capacity:	275
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	0. No Piping
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	1. Catch Basin
Dispenser:	0. None

Tank Number:	19(DSL PUMP
Status:	3. Closed - Removed
Date Installation:	05/01/1992
Capacity:	275
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Date Perm Closure:	02/08/2006
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	0. None
Spill Prevention:	0. None
Dispenser:	0. None

WINGED FOOT GOLF CLUB (Continued) **U004177666**

Tank Number:	19-R
Status:	3. Closed - Removed
Date Installation:	02/01/2006
Capacity:	330
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	99. Other
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	1A
Status:	1. In-Service
Date Installation:	05/01/1992
Capacity:	1500
Product Stored:	2712. Gasoline/Ethanol
Product Stored Percent:	10
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	5. Steel tank in concrete
Tank Internal Protection:	0. None
Tank External Protection:	5. Jacketed
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	9. Modified double-walled (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	2. Galvanized Steel
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	3. Automatic Shut-off,4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	1B
Status:	1. In-Service
Date Installation:	05/01/1992
Capacity:	500
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	5. Steel tank in concrete
Tank Internal Protection:	0. None
Tank External Protection:	5. Jacketed

WINGED FOOT GOLF CLUB (Continued) **U004177666**

Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	9. Modified double-walled (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	2. Galvanized Steel
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	3. Automatic Shut-off,4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	20
Status:	1. In-Service
Date Installation:	05/01/1992
Capacity:	2000
Product Stored:	2712. Gasoline/Ethanol
Product Stored Percent:	10
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	5. Steel tank in concrete
Tank Internal Protection:	0. None
Tank External Protection:	5. Jacketed
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	2. Galvanized Steel
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	3. Automatic Shut-off,4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	30
Status:	1. In-Service
Date Installation:	05/01/1992
Capacity:	2000
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	5. Steel tank in concrete
Tank Internal Protection:	0. None
Tank External Protection:	5. Jacketed
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	9. Modified double-walled (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	2. Galvanized Steel
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	3. Automatic Shut-off,4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

WINGED FOOT GOLF CLUB (Continued) **U004177666**

Tank Number:	50
Status:	1. In-Service
Date Installation:	01/01/2013
Capacity:	884
Product Stored:	0008. Diesel
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Tank Secondary Containment:	9. Modified double-walled (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	11. Flexible Piping
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	3. Automatic Shut-off,4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	6
Status:	3. Closed - Removed
Date Installation:	Not reported
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	04/01/1999
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	0. None
Spill Prevention:	0. None
Dispenser:	3. Gravity

AF159 **DESANTIS DESIGN** **NY LTANKS** **S112231233**
WSW **616 FAYETTE AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.217 mi.
1147 ft. **Site 1 of 4 in cluster AF**

Relative: LTANKS:
Higher

Name:	DESANTIS DESIGN
Address:	616 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1206168 / 2013-03-28
Facility ID:	1206168
Site ID:	469159

Actual:
26 ft.

DESANTIS DESIGN (Continued) **S112231233**

Spill Date:	2012-09-21
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2012-09-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2012-09-21
Spill Record Last Update:	2013-03-28
Spiller Name:	Not reported
Spiller Company:	TANK TEST FAILURE
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	RON DESANTIS
Spiller Phone:	(914)3811900
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	423454
DEC Memo:	"9/21/12: Property is for sale. US Tank Tech hired for tank test by a prospective buyer. Owner Ron DeSantis was present during the test. Tank failed with hissing. Owner not sure at this time itf tank will be replaced or retested. jod 10/10/12 - Tank failed retest. KAB 3/28/2013: Royal Environmental removed and disposed of tank. No evidence of leak or contamination was found. Closure report entered into eDocs. Based upon information provided to DEC, no further action is required at this time. jod"
Remarks:	"repair/retest pending - 1000 gallon tank"

All TTF:

Facility ID:	1206168
Spill Number:	1206168
Spill Tank Test:	2492444
Site ID:	469159
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	False
UST:	True
Cause:	00
Source:	00
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	jbodee
Last Modified Date:	Not reported

DESANTIS DESIGN (Continued) **S112231233**

All Materials:

Site ID:	469159
Operable Unit ID:	1219056
Operable Unit:	01
Material ID:	2217509
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

AC160 **SCHEUER RESIDENCE** **NY LTANKS** **S109583725**
NW **875 FENIMORE RD** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.218 mi.
1152 ft. **Site 4 of 4 in cluster AC**

Relative: **Lower**
Actual: **20 ft.**

LTANKS:

Name:	SCHEUER RESIDENCE
Address:	875 FENIMORE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0902047 / 2009-08-25
Facility ID:	0902047
Site ID:	414076
Spill Date:	2009-05-20
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	TDGHIOSA
Referred To:	WCHD
Reported to Dept:	2009-05-20
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2009-05-20
Spill Record Last Update:	2009-10-26
Spiller Name:	SILVIA SCHEUER
Spiller Company:	SILVIA SCHEUER
Spiller Address:	875 FENIMORE RD
Spiller County:	999
Spiller Contact:	DON PYATT
Spiller Phone:	(973) 390-6675
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	363171
DEC Memo:	"5/20/09 Will rec'd uncover, repair and retest, appears to be a leak

SCHEUER RESIDENCE (Continued) **S109583725**

in line...mm 08/24/09 W Schneider WCHD reported Ttf 5/20/09. retested the next day and passed. NFA TG 10/26/09: This is the same spill as 09-05860. Closure report dated 10-05-09 from Dutchess Environmental reviewed and entered into eDocs. jod"

Remarks: "TANK TEST FAILURE ON A 1500 GALLON UST UNK IF ANY PRODUCT WAS SPILLED PBS NUMBER NOT AVAIL."

All Materials:

Site ID:	414076
Operable Unit ID:	1170471
Operable Unit:	01
Material ID:	2162200
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

AG161 **STAR AUTO COLLISION CENTER INC** **RCRA-VSQG** **1000350858**
SW **631 CENTER AVE** **NY MANIFEST** **NYD981180748**
1/8-1/4 **MAMARONECK, NY 10543**
0.228 mi.
1203 ft. **Site 1 of 2 in cluster AG**

Relative:
Higher

Actual:
28 ft.

RCRA-VSQG:

Date form received by agency:	01/01/2007
Facility name:	STAR AUTO COLLISION CENTER INC
Facility address:	631 CENTER AVE MAMARONECK, NY 10543
EPA ID:	NYD981180748
Mailing address:	CENTER ST MAMARONECK, NY 10543
Contact:	QUINNY SOLANO
Contact address:	CENTER ST MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-698-8802
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

STAR AUTO COLLISION CENTER INC (Continued) **1000350858**

hazardous waste

Owner/Operator Summary:

Owner/operator name:	QUENTIN H SOLANO JR
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	QUENTIN H SOLANO JR
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Site name:	STAR AUTO COLLISION CENTER INC
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	03/25/1994
Site name:	STAR AUTO COLLISION CTR
Classification:	Large Quantity Generator

Date form received by agency: 07/21/1992

STAR AUTO COLLISION CENTER INC (Continued) **1000350858**

Site name: STAR AUTO COLL CTR
Classification: Large Quantity Generator

Date form received by agency: 01/21/1986
Site name: STAR AUTO COLLISION CENTER INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/20/1990
Date achieved compliance: 04/05/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/17/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/20/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/05/1991
Evaluation lead agency: State

NY MANIFEST:
Name: STAR AUTO COLLISION INC
Address: 631 CENTER AVENUE
City,State,Zip: MAMARONECK, NY 10543-0000
Country: USA
EPA ID: NYD981180748
Facility Status: Not reported
Location Address 1: 631 CENTER AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD981180748
Mailing Name: STAR AUTO COLLISION INC
Mailing Contact: STAR AUTO COLLISION INC
Mailing Address 1: 631 CENTER AVENUE
Mailing Address 2: Not reported
Mailing City: MAMARONECK

STAR AUTO COLLISION CENTER INC (Continued) **1000350858**

Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146988802

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2007
Trans1 State ID:	CTD021816889
Trans2 State ID:	Not reported
Generator Ship Date:	04/25/2007
Trans1 Recv Date:	04/25/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/27/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981180748
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	RID084802842
TSDF ID 2:	Not reported
Manifest Tracking Number:	000046307UIS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	165
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	3
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	F005
Waste Code 1_2:	F003
Waste Code 1_3:	D001
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

STAR AUTO COLLISION CENTER INC (Continued) **1000350858**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AF162 **DICKENS OF LONDON, LTD.** **NY UST** **U003856030**
WSW **620 FAYETTE AVE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.228 mi.
1205 ft. **Site 2 of 4 in cluster AF**

Relative: **Higher**
Actual: **26 ft.**

WESTCHESTER CO. UST:

Name:	DICKENS OF LONDON, LTD.
Address:	620 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY 10543
Id/Status:	3-600916 / Unregulated: <1101 gal. PBS
Operator Name:	J. Mendez
Owner Name:	Dickens Of London, Ltd.
Owner Street:	620 Fayette Ave
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	Not reported
Tank Number:	1
Status:	3. Closed - Removed
Capacity:	5000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	04/01/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

AF163 **I-800-NYBULBS** **RCRA-SQG** **1012186667**
WSW **620 FAYETTE AVE** **NY MANIFEST** **NYR000165290**
1/8-1/4 **MAMARONECK, NY 10543**
0.228 mi.
1205 ft. **Site 3 of 4 in cluster AF**

Relative: **Higher**
Actual: **26 ft.**

RCRA-SQG:

Date form received by agency:	05/28/2009
Facility name:	I-800-NYBULBS
Facility address:	620 FAYETTE AVE MAMARONECK, NY 10543
EPA ID:	NYR000165290

I-800-NYBULBS (Continued) **1012186667**

Mailing address:	FAYETTE AVE MAMARONECK, NY 10543
Contact:	RANDALL SATIN
Contact address:	FAYETTE AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-835-5333
Contact email:	RSATION@NYBULBS.COM
EPA Region:	02
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NU-WAY HEATING & AIR CONDITIONING
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	06/01/1998
Owner/Op end date:	Not reported

Owner/operator name:	1800-NYBULBS
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	06/01/2007
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

I-800-NYBULBS (Continued) **1012186667**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D009
. Waste name: MERCURY

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 03/30/2011
Date achieved compliance: 03/30/2011
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/01/2011
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 04/01/2011
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 05/05/2009
Date achieved compliance: 03/30/2011
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/21/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 44000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 05/05/2009
Date achieved compliance: 03/30/2011
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/16/2011
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 02/16/2011
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 17500
Paid penalty amount: 17500

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 05/05/2009

I-800-NYBULBS (Continued) **1012186667**

Date achieved compliance: 03/30/2011
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/16/2011
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 02/16/2011
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 17500
Paid penalty amount: 17500

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 05/05/2009
Date achieved compliance: 03/30/2011
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/21/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 44000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 05/05/2009
Date achieved compliance: 03/30/2011
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/16/2011
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 02/16/2011
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 17500
Paid penalty amount: 17500

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/05/2009
Date achieved compliance: 03/30/2011
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/21/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 44000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 05/05/2009
Date achieved compliance: 03/30/2011

I-800-NYBULBS (Continued) **1012186667**

Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/21/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 44000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 05/05/2009
Date achieved compliance: 03/30/2011
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/21/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 44000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 05/05/2009
Date achieved compliance: 03/30/2011
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/21/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 44000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 05/05/2009
Date achieved compliance: 03/30/2011
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/16/2011
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 02/16/2011
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 17500
Paid penalty amount: 17500

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/05/2009
Date achieved compliance: 03/30/2011
Violation lead agency: State

I-800-NYBULBS (Continued) **1012186667**

Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/16/2011
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 02/16/2011
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 17500
Paid penalty amount: 17500

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 05/05/2009
Date achieved compliance: 03/30/2011
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/16/2011
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 02/16/2011
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 17500
Paid penalty amount: 17500

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 09/09/2008
Date achieved compliance: 11/07/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/22/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/12/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/09/2008
Date achieved compliance: 11/07/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/22/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/12/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 09/09/2008
Date achieved compliance: 11/07/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

I-800-NYBULBS (Continued) **1012186667**

Enforcement action date: 09/22/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/12/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/09/2008
Date achieved compliance: 11/07/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/22/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/12/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 09/09/2008
Date achieved compliance: 11/07/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/22/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/12/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 09/09/2008
Date achieved compliance: 11/07/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/22/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/12/2008
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/30/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

I-800-NYBULBS (Continued) **1012186667**

Evaluation date: 03/30/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permits - Application
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 03/30/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 03/30/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 03/30/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 03/30/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 03/30/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 02/16/2011
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/01/2009
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 07/01/2009
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: State Statute or Regulation
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 07/01/2009
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport

I-800-NYBULBS (Continued) **1012186667**

Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 07/01/2009
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Permits - Application
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 07/01/2009
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 07/01/2009
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Manifest
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 05/05/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 05/05/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 05/05/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 05/05/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 05/05/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permits - Application
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

Evaluation date: 05/05/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/30/2011
Evaluation lead agency: State

I-800-NYBULBS (Continued) **1012186667**

Evaluation date: 09/09/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 11/07/2008
Evaluation lead agency: State

Evaluation date: 09/09/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/07/2008
Evaluation lead agency: State

Evaluation date: 09/09/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 11/07/2008
Evaluation lead agency: State

Evaluation date: 09/09/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 11/07/2008
Evaluation lead agency: State

Evaluation date: 09/09/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 11/07/2008
Evaluation lead agency: State

Evaluation date: 09/09/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 11/07/2008
Evaluation lead agency: State

NY MANIFEST:
Name: I-800-NYBULBS
Address: 620 FAYETTE AVE
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYR000165290
Facility Status: Not reported
Location Address 1: 620 FAYETTE AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000165290
Mailing Name: I-800-NYBULBS
Mailing Contact: NEVIL CRUTCHLEY
Mailing Address 1: 620 FAYETTE AVE
Mailing Address 2: Not reported

I-800-NYBULBS (Continued) **1012186667**

Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9148355333

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2010
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	09/22/2010
Trans1 Recv Date:	09/22/2010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/24/2010
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000165290
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	MA5000004713
TSDF ID 2:	Not reported
Manifest Tracking Number:	000189633VES
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H010
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	506.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Waste Code:	D009
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

I-800-NYBULBS (Continued) **1012186667**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AG164 **CULIN COLLELLA** **RCRA-VSQG** **1004755867**
SW **632 CENTER AVE** **RI MANIFEST** **NY0000590828**
1/8-1/4 **MAMARONECK, NY 10543** **NY MANIFEST**
0.231 mi.
1220 ft. **Site 2 of 2 in cluster AG**

Relative:
Higher

Actual:
29 ft.

RCRA-VSQG:

Date form received by agency:	01/01/2007
Facility name:	CULIN COLLELLA
Facility address:	632 CENTER AVE MAMARONECK, NY 10543
EPA ID:	NY0000590828
Mailing address:	CENTER AVE MAMARONECK, NY 10543
Contact:	RAY CULIN
Contact address:	CENTER AVE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-698-7727
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	RAY CULIN
Owner/operator address:	44 CHADWICK RD WHITE PLAINS, NY 10604
Owner/operator country:	US
Owner/operator telephone:	914-948-5811
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	RAY CULIN
Owner/operator address:	44 CHADWICK RD

CULIN COLLELLA (Continued) **1004755867**

WHITE PLAINS, NY 10604
Owner/operator country: US
Owner/operator telephone: 914-948-5811
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: CULIN COLLELLA
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/16/1994
Site name: CULIN COLLELLA
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

CULIN COLLELLA (Continued) **1004755867**

ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/13/2013
Date achieved compliance: 08/13/2013
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/16/2013
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/13/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/13/2013
Evaluation lead agency: State

RI MANIFEST:
EPA Id: NY0000590828
GEN Cert Date: 7/2/2007
Manifest Document Number: 000003291UIS
Waste Description: RQ, WASTE FLAMMABLE LIQUID NOS, UN1993
TSDF Id: RID084802842
TSDF Name: United Oil Recovery Inc

CULIN COLLELLA (Continued) **1004755867**

Qty:	16
WT/Vol Units:	G
TSDF Date:	7/5/2007
Transporter 2 Id:	Not reported
Item Number:	a
Transporter 2 Name:	Not reported
Transporter Name 2:	UNITED INDUSTRIAL SERVICES
Transporter EPAID:	CTD021816889
Transporter Receipt Date:	7/2/2007
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Fee Exempt Code:	Not reported
Comment:	Not reported
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
Quarter:	Not reported
Transporter Contact Name:	Not reported
Transporter Contact Email:	Not reported
Filing Date:	Not reported
Total Fee:	Not reported
Billing Name:	Not reported
Paid Date:	Not reported
Paid Time:	Not reported
Facility Receipt Date:	Not reported
Fee:	Not reported
Manifest Created Date:	Not reported
Manifest Updated Date:	Not reported

RI MANIFEST:

Transporter Receipt Date:	6/11/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	NY0000590828
Manifest Docket Number:	000126633UIS
Quarter:	Not reported
Waste Description:	RQ, WASTE FLAMMABLE LIQUID NOS,
Transporter Contact Name:	Not reported
Quantity:	5

CULIN COLLELLA (Continued) **1004755867**

Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	a
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	6/11/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	6/17/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	2/12/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	NY0000590828
Manifest Docket Number:	000081473UIS
Quarter:	Not reported
Waste Description:	RQ, WASTE FLAMMABLE LIQUID NOS,
Transporter Contact Name:	Not reported
Quantity:	5
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	2/12/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	2/14/2008

CULIN COLLELLA (Continued) **1004755867**

Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	2/12/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	NY0000590828
Manifest Docket Number:	000081473UIS
Quarter:	Not reported
Waste Description:	RQ, WASTE FLAMMABLE LIQUID NOS,
Transporter Contact Name:	Not reported
Quantity:	5
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	2/12/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	2/14/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	2/12/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D035
Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Id:	RID084802842

CULIN COLLELLA (Continued) **1004755867**

Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	NY0000590828
Manifest Docket Number:	000081473UIS
Quarter:	Not reported
Waste Description:	RQ, WASTE FLAMMABLE LIQUID NOS,
Transporter Contact Name:	Not reported
Quantity:	16
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	2
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	2/12/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	2/14/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported

Transporter Receipt Date:	2/12/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D035
Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	NY0000590828
Manifest Docket Number:	000081473UIS
Quarter:	Not reported
Waste Description:	RQ, WASTE FLAMMABLE LIQUID NOS,
Transporter Contact Name:	Not reported
Quantity:	16
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	2
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported

CULIN COLLELLA (Continued) **1004755867**

Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	2/12/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	2/14/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	6/11/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	NY0000590828
Manifest Docket Number:	000126633UIS
Quarter:	Not reported
Waste Description:	RQ, WASTE FLAMMABLE LIQUID NOS,
Transporter Contact Name:	Not reported
Quantity:	5
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	a
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	6/11/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	6/17/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	1/4/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001

CULIN COLLELLA (Continued) **1004755867**

Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	NY0000590828
Manifest Docket Number:	000082109UIS
Quarter:	Not reported
Waste Description:	RQ, WASTE FLAMMABNLE LIQUID NOS,
Transporter Contact Name:	Not reported
Quantity:	3
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	1/4/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	1/8/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	1/4/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D035
Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC.
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	NY0000590828
Manifest Docket Number:	000082109UIS
Quarter:	Not reported
Waste Description:	RQ, WASTE FLAMMABLE LIQUID NOS,

CULIN COLLELLA (Continued) **1004755867**

Transporter Contact Name:	Not reported
Quantity:	16
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	2
Transporter Name:	SAFETY-KLEEN SYSTEMS, INC.
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	1/4/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	1/8/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	4/17/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	NY0000590828
Manifest Docket Number:	000128005UIS
Quarter:	Not reported
Waste Description:	RQ, WASTE FLAMMABLE LIQUID NOS,
Transporter Contact Name:	Not reported
Quantity:	5
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	a
Transporter Name:	SAFETY-KLEEN SYSTEMS INC
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	4/17/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported

CULIN COLLELLA (Continued) **1004755867**

Manifest Created Date:	Not reported
TSDF Receipt Date:	4/18/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	4/17/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D035
Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY-KLEEN SYSTEMS, INC
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	NY0000590828
Manifest Docket Number:	000128005UIS
Quarter:	Not reported
Waste Description:	RQ, WASTE FLAMMABLE LIQUID NOS,
Transporter Contact Name:	Not reported
Quantity:	16
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	b
Transporter Name:	SAFETY-KLEEN SYSTEMS INC
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	4/17/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	4/18/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	4/17/2008
Number Of Containers:	1
Container Type:	DM
Waste Code1:	D001
Waste Code2:	F003
Waste Code3:	F005
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported

CULIN COLLELLA (Continued) **1004755867**

TSDF Name:	SAFETY-KLEEN SYSTEMS, INC
TSDF Id:	RID084802842
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	NY0000590828
Manifest Docket Number:	000128005UIS
Quarter:	Not reported
Waste Description:	RQ, WASTE FLAMMABLE LIQUID NOS,
Transporter Contact Name:	Not reported
Quantity:	5
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	a
Transporter Name:	SAFETY-KLEEN SYSTEMS INC
Billing Name:	Not reported
Transporter EPA ID:	TXR000050930
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	4/17/2008
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDF Receipt Date:	4/18/2008
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported

Click this hyperlink while viewing on your computer to access
20 additional RI_MANIFEST: record(s) in the EDR Site Report.

NY MANIFEST:

Name:	CULIN COLLELLA
Address:	632 CENTER AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NY0000590828
Facility Status:	Not reported
Location Address 1:	632 CENTER AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NY0000590828
Mailing Name:	CULIN COLLELLA
Mailing Contact:	RAY CULIN
Mailing Address 1:	632 CENTER AVE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK

CULIN COLLELLA (Continued) **1004755867**

Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146987727

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	TXR000081205
Trans2 State ID:	MAD039322250
Generator Ship Date:	05/16/2018
Trans1 Recv Date:	05/16/2018
Trans2 Recv Date:	05/18/2018
TSD Site Recv Date:	05/29/2018
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NY0000590828
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ILD980613913
TSDF ID 2:	Not reported
Manifest Tracking Number:	006398179SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H020
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	125
Units:	P - Pounds
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	F003
Waste Code 1_2:	F005
Waste Code 1_3:	D001
Waste Code 1_4:	D018
Waste Code 1_5:	D035
Waste Code 1_6:	Not reported

CULIN COLLELLA (Continued) **1004755867**

Click this hyperlink while viewing on your computer to access
12 additional NY MANIFEST: record(s) in the EDR Site Report.

AH165 **MARINO RESIDENCE** **NY LTANKS** **S109416370**
ENE **315 STANLEY AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.232 mi.
1224 ft. **Site 1 of 2 in cluster AH**

Relative: **Higher**
Actual: **32 ft.**

LTANKS:

Name:	MARINO RESIDENCE
Address:	315 STANLEY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0812091 / 2009-04-24
Facility ID:	0812091
Site ID:	409697
Spill Date:	2009-02-06
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2009-02-06
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2009-02-06
Spill Record Last Update:	2009-04-24
Spiller Name:	NICK MARINO
Spiller Company:	NICK MARINO
Spiller Address:	315 STANLEY AVE
Spiller County:	999
Spiller Contact:	KATHY MORGAN
Spiller Phone:	(845) 225-5240
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	358954
DEC Memo:	"2/6/09: Owner is looking into options. US Tank Tech initially suggested repiping and retesting the tank. Mr Marino is also getting bids on removal. States he will call the White Plains office next week, once a plan of action is decided upon. jod 2/9/09: Owner - Mr Marino - is currently living in Florida, house is for sale. Westmore Fuel - Glenn Nadin - is going to contract for tank retest for the home owner. jod 4/24/09: Tank passed a retest after piping was repaired. Based upon information provided, no further action is required at this time. jod"
Remarks:	"TANK TEST FAILURE ON A 550 GALLON UST. UNK IF ANY PRODUCT WAS SPILLED."

All Materials:

Site ID:	409697

MARINO RESIDENCE (Continued) **S109416370**

Operable Unit ID:	1166197
Operable Unit:	01
Material ID:	2157648
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

166
SSW
1/8-1/4
0.233 mi.
1229 ft.

CARDUCCI EXCAVATING **NY MANIFEST** **1009232458**
505 CONCORD AVENUE **N/A**
MAMARONECK, NY 10543

Relative:
Higher

Actual:
28 ft.

NY MANIFEST:

Name:	CARDUCCI EXCAVATING
Address:	505 CONCORD AVENUE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP000872499
Facility Status:	Not reported
Location Address 1:	505 CONCORD AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP000872499
Mailing Name:	CARDUCCI EXCAVATING
Mailing Contact:	CARDUCCI EXCAVATING
Mailing Address 1:	505 CONCORD AVENUE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	0000000000

NY MANIFEST:

Document ID:	CTB0066100
Manifest Status:	K
seq:	Not reported
Year:	1987
Trans1 State ID:	H1214CONN
Trans2 State ID:	Not reported
Generator Ship Date:	10/21/1987
Trans1 Recv Date:	10/21/1987
Trans2 Recv Date:	/ /

CARDUCCI EXCAVATING (Continued) **1009232458**

TSD Site Recv Date:	10/22/1987
Part A Recv Date:	12/15/1987
Part B Recv Date:	11/05/1987
Generator EPA ID:	NYP000872499
Trans1 EPA ID:	NJD000603563
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD072138969
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

167
WNW
1/8-1/4
0.233 mi.
1231 ft.

475 BALDWIN PLACE
475 BALDWIN PLACE
MAMARONECK, NY

NY LTANKS **S103478287**
N/A

Relative:
Higher

Actual:
28 ft.

LTANKS:

Name:	475 BALDWIN PLACE
Address:	475 BALDWIN PLACE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9807050 / 2005-04-24
Facility ID:	9807050
Site ID:	92060
Spill Date:	1998-09-09
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C5
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported

475 BALDWIN PLACE (Continued) **S103478287**

Reported to Dept:	1998-09-09
CID:	204
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-09-09
Spill Record Last Update:	2005-04-24
Spiller Name:	MARIO SALCO
Spiller Company:	475 BALDWIN PLACE
Spiller Address:	475 BALDWIN PLACE
Spiller County:	001
Spiller Contact:	CHRIS GANNON
Spiller Phone:	(914) 697-7654
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	82684
DEC Memo:	"04/24/05 TANK REPORTEDLY PASSED A RETEST AFTER LINES WERE REPLACED. NO RETEST INFORMATION SUBMITTED TO DEC. FILE ADMINISTRATIVELY CLOSED. jod"
Remarks:	"TANK TEST FAILURE "

All TTF:

Facility ID:	9807050
Spill Number:	9807050
Spill Tank Test:	1546231
Site ID:	92060
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	92060
Operable Unit ID:	1064718
Operable Unit:	01
Material ID:	318174
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AH168 **PAGANO - TTF** **NY LTANKS** **S117364542**
ENE **313 STANLEY AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.236 mi.
1244 ft. **Site 2 of 2 in cluster AH**

Relative:
Higher

Actual:
30 ft.

LTANKS:

Name:	PAGANO - TTF
Address:	313 STANLEY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1407480 / 2015-02-09
Facility ID:	1407480
Site ID:	500997
Spill Date:	2014-10-17
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2014-10-20
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-10-20
Spill Record Last Update:	2015-02-09
Spiller Name:	TONY PAGANO
Spiller Company:	TONY PAGANO
Spiller Address:	313 STANLEY AVE
Spiller County:	999
Spiller Contact:	TONY PAGANO
Spiller Phone:	(203) 247-0869
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	456011
DEC Memo:	"10/20/14- Left message for owner to call back to duty desk. DT Call back from owner. He is obtaining an estimate from NE Env. for tank removal. He or his contractor will advise DEC of next step. DT 2/9/15: Tank Closure report from Enviroshield entered into DecDocs. Residual contamination well over CP-51 guidance could not be excavated. Site does NOT meet guidance standards. No ground water impacted, minicipal water and sewere. Based upon the information provided, no further action is required at this time. jod"
Remarks:	"550 Gal tank"

All Materials:

Site ID:	500997
Operable Unit ID:	1250399
Operable Unit:	01
Material ID:	2252121
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

PAGANO - TTF (Continued) **S117364542**

Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

AI169 **CON EDISON** **RCRA NonGen / NLR** **1019904501**
NE **205 WAVERLY ST** **NYP004798740**
1/8-1/4 **MAMARONECK, NY 10543**
0.237 mi.
1250 ft. **Site 1 of 4 in cluster AI**

Relative:
Lower

Actual:
21 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/24/2015
Facility name: CON EDISON
Facility address: 205 WAVERLY ST
MAMARONECK, NY 10543
EPA ID: NYP004798740
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/24/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

AI170 **CON EDISON** **NJ MANIFEST** **S120673176**
NE **205 WAVERLY ST** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.237 mi.
1250 ft. **Site 2 of 4 in cluster AI**

Relative:
Lower

Actual:
21 ft.

NJ MANIFEST:

EPA Id:	NYP004798740
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014473129JJK
EPA ID:	NYP004798740
Date Shipped:	6/24/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD006982359
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CON EDISON (Continued) **S120673176**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

AI171 **CON EDISON** **NY MANIFEST** **S118257191**
NE **205 WAVERLY ST** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.237 mi.
1250 ft. **Site 3 of 4 in cluster AI**

Relative:
Lower

Actual:
21 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	205 WAVERLY ST
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004798740
Facility Status:	Not reported
Location Address 1:	205 WAVERLY ST
Code:	BP
Location Address 2:	MH 973
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004798740
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	06/24/2015
Trans1 Recv Date:	06/24/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/26/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004798740
Trans1 EPA ID:	Not reported

CON EDISON (Continued) **S118257191**

Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014473129JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	D008
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AF172 **UNKNOWN BUSINESS** **NY LTANKS** **S104877092**
WSW **645 FAYETTE AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.237 mi.
1254 ft. **Site 4 of 4 in cluster AF**

Relative: LTANKS:
Higher

Actual:
26 ft.

Name:	UNKNOWN BUSINESS
Address:	645 FAYETTE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0008747 / 2006-08-31
Facility ID:	0008747
Site ID:	109831
Spill Date:	2000-10-27
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JKOMARA

UNKNOWN BUSINESS (Continued) **S104877092**

Referred To:	WESTCHESTER CNTY HEALTH D
Reported to Dept:	2000-10-27
CID:	382
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-10-27
Spill Record Last Update:	2006-08-31
Spiller Name:	RICHARD CROOKS
Spiller Company:	Not reported
Spiller Address:	645 FAYETTE AVE
Spiller County:	001
Spiller Contact:	RICHARD CROOKS
Spiller Phone:	(914) 694-9600
Spiller Extention:	241
DEC Region:	3
DER Facility ID:	96308
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-LALAK 10/27/2000 PHASE I INVESTIGATION FOR POTENTIAL BUYER. CALLER DOESN'T KNOW NAME OF PROPERTY OWNER, OR TANK SIZE. HE DOESN'T THINK THE OWNER HAS BEEN INFORMED OF SPILL NUMBER OR THE RESULTS OF HIS INVESTIGATION. 10/30/00 BARBARA McDONALD OF WCHD REPORTS CHRIS LALAK AND CARLOS TORRES HAVE ALREADY BEEN ON SITE. 3/24/04: Letter to Richard Crooks, IVI Environmental from Christopher Lalak, WCDOH dated 19Mar2004. WCDOH reviewing old cases. Investigation report or other documentation must be submitted by 19Apr2004. 6/27/05 Letter from John O'Mara to Royal Environmental requiring at least one year of quarterly sampling of monitoring wells. jod 8/31/06 Based on Information supplied by Royal Environmental the spill is closed requiring no further action at this time."
Remarks:	"soil contamination from one of the tanks at above location. has been out of service for at least 10 years. possible contamination of groundwater also"

All Materials:

Site ID:	109831
Operable Unit ID:	829341
Operable Unit:	01
Material ID:	546247
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AI173 **CONSOLIDATED EDISON** **NY MANIFEST** **S108980666**
NE **203 WAVERLY AVE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.239 mi.
1261 ft. **Site 4 of 4 in cluster AI**

Relative:
Lower

Actual:
21 ft.

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	203 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYP004155594
Facility Status:	Not reported
Location Address 1:	203 WAVERLY AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004155594
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2008
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	01/04/2008
Trans1 Recv Date:	01/04/2008
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/04/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004155594
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD000705939
TSDF ID 2:	Not reported
Manifest Tracking Number:	002013019FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CONSOLIDATED EDISON (Continued) **S108980666**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	12.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Waste Code:	D018
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AJ174 **DCH TOYOTA CITY SERVICE CENTER** **NY AST** **A100357458**
SW **700 WAVERLY AVENUE** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.241 mi.
1274 ft. **Site 1 of 2 in cluster AJ**

Relative: **Higher**
Actual: **32 ft.**

WESTCHESTER CO. AST:

Name:	DCH TOYOTA CITY SERVICE CENTER
Address:	700 WAVERLY AVENUE
City,State,Zip:	MAMARONECK, NY 10543
PBS Number:	3-801727
Site Status:	Active
GDS Number:	Not reported
Operator Name:	Joe Modica
Owner Name:	DCH Toyota City (DCH Mamaroneck LLC)
Owner Street:	1305 East Boston Post Road
Owner Address2:	Not reported
Owner City/State/Zip:	Mamaroneck, NY 10543
Tank Number:	T001-A
Status:	1. In-Service
Date Installation:	05/01/2011
Capacity:	700
Product Stored:	0015. Motor Oil
Product Stored Percent:	0
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None

DCH TOYOTA CITY SERVICE CENTER (Continued) **A100357458**

Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	9. Modified double-walled (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	0. No Piping
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	2. High Level Alarm
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	T001-B
Status:	1. In-Service
Date Installation:	05/01/2011
Capacity:	300
Product Stored:	0015. Motor Oil
Product Stored Percent:	0
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	9. Modified double-walled (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	Not reported
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	2. High Level Alarm
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	T002
Status:	1. In-Service
Date Installation:	05/01/2011
Capacity:	2500
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	0
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	9. Modified double-walled (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	0. No Piping
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	2. High Level Alarm
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

AJ175 **DCH TOYOTA CITY FORMERLY COMPOSITE MATERIALS** **NY Spills** **1001224206**
SW **700 WAVERLY AVE** **RCRA NonGen / NLR** **NYR000054221**
1/8-1/4 **MAMARONECK, NY 11948** **NY MANIFEST**
0.241 mi.
1274 ft. **Site 2 of 2 in cluster AJ**

Relative:
Higher

Actual:
32 ft.

SPILLS:

Name:	COMPOSITE MATERIALS
Address:	700 WAVERLY AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9611090 / 1996-12-09
Facility ID:	9611090
Facility Type:	ER
DER Facility ID:	258828
Site ID:	321286
DEC Region:	3
Spill Cause:	Other
Spill Class:	B3
SWIS:	6032
Spill Date:	1996-12-09
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-12-09
CID:	322
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Health Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-12-09
Spill Record Last Update:	1996-12-18
Spiller Name:	LOUIS MORIN
Spiller Company:	COMPOSITE MATERIALS
Spiller Address:	700 WAVERLY AVE
Spiller Company:	001
Contact Name:	LOUIS MORIN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 12/09/96 HEALTH DEPT. ON SITE "
Remarks:	"DURING FIRE IN BUILDING MATERIAL WAS WASHED INTO STORM SEWER MATERIAL IS NOT RECOVERABLE "

All Materials:

Site ID:	321286
Operable Unit ID:	1042628
Operable Unit:	01
Material ID:	566756
Material Code:	0028A
Material Name:	ethylene glycol
Case No.:	00107211
Material FA:	Hazardous Material
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

DCH TOYOTA CITY FORMERLY COMPOSITE MATERIALS (Continued) **1001224206**

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: DCH TOYOTA CITY FORMERLY COMPOSITE MATERIALS
Facility address: 700 WAVERLY AVE
MAMARONECK, NY 11948-0091
EPA ID: NYR000054221
Mailing address: C/O ECC INC
POBOX 91
LAUREL, NY 11948-0091
Contact: ROBERT OLSEN
Contact address: C/O ECC INC
LAUREL, NY 11948-0091
Contact country: US
Contact telephone: 631-727-8445
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: 700 WAVERLY AVENUE CORP
Owner/operator address: 700 WAVERLY AVE
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-698-5024
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: 700 WAVERLY AVENUE CORP
Owner/operator address: 700 WAVERLY AVE
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-698-5024
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

DCH TOYOTA CITY FORMERLY COMPOSITE MATERIALS (Continued) **1001224206**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: COMPOSITE MATERIALS
Classification: Not a generator, verified

Date form received by agency: 01/24/2002
Site name: COMPOSITE MATERIALS
Classification: Large Quantity Generator

Date form received by agency: 01/01/2001
Site name: COMPOSITE MATERIALS LLC
Classification: Large Quantity Generator

Date form received by agency: 04/28/1998
Site name: COMPOSITE MATERIALS LLC
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 06/19/2000
Date achieved compliance: 08/01/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/05/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

DCH TOYOTA CITY FORMERLY COMPOSITE MATERIALS (Continued) **1001224206**

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/19/2000
Date achieved compliance: 08/01/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/05/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/19/2000
Date achieved compliance: 08/01/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/05/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/01/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/19/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/01/2000
Evaluation lead agency: State

Evaluation date: 06/19/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/01/2000
Evaluation lead agency: State

Evaluation date: 06/19/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 08/01/2000
Evaluation lead agency: State

NY MANIFEST:
Name: COMPOSITE MATERILAS LLC
Address: 700 WAVERLY AVE
City,State,Zip: MAMARONECK, NY 10543-2238

DCH TOYOTA CITY FORMERLY COMPOSITE MATERIALS (Continued) **1001224206**

Country:	USA
EPA ID:	NYR000054221
Facility Status:	Not reported
Location Address 1:	700 WAVERLY AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000054221
Mailing Name:	COMPOSITE MATERILAS LLC
Mailing Contact:	CHRISTEL CAPSELLO
Mailing Address 1:	700 WAVERLY AVE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9143814848

NY MANIFEST:

Document ID:	NJA3092813
Manifest Status:	Not reported
seq:	01
Year:	2001
Trans1 State ID:	S50059
Trans2 State ID:	Not reported
Generator Ship Date:	06/26/2001
Trans1 Recv Date:	06/26/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/09/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000054221
Trans1 EPA ID:	NJD986607380
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported

DCH TOYOTA CITY FORMERLY COMPOSITE MATERIALS (Continued) **1001224206**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

176
East
1/8-1/4
0.247 mi.
1305 ft.

PRENTY HOME
327 PALMER AVE
MAMARONECK, NY

NY LTANKS **S108467945**
N/A

Relative:
Higher

Actual:
56 ft.

LTANKS:

Name:	PRENTY HOME
Address:	327 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0613732 / 2007-06-13
Facility ID:	0613732
Site ID:	378826
Spill Date:	2007-03-23
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2007-03-23
CID:	4
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2007-03-23
Spill Record Last Update:	2007-06-13
Spiller Name:	JOHN PRENTY
Spiller Company:	PRENTY HOME
Spiller Address:	327 PALMER AVE
Spiller County:	001
Spiller Contact:	JOHN PRENTY
Spiller Phone:	(914) 720-8983
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	328356
DEC Memo:	"Property owner was informed about tank test failure. 06/07/07 Northeast Environmental reported that the tank was removed and that

PRENTY HOME (Continued) **S108467945**

	no contamination was observed in the tank grave. NFA TG "
Remarks:	"UNCOVER REPAIR AND TEST"

All TTF:

Facility ID:	0613732
Spill Number:	0613732
Spill Tank Test:	1550736
Site ID:	378826
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	378826
Operable Unit ID:	1136319
Operable Unit:	01
Material ID:	2126267
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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177 **N P I** **RCRA NonGen / NLR** **1000791823**
NE **225 HOYT AVE** **FINDS** **NYD987033487**
1/8-1/4 **MAMARONECK, NY 10543** **ECHO**
0.247 mi. **NY MANIFEST**
1306 ft.

Relative:
Lower

Actual:
21 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	N P I
Facility address:	225 HOYT AVE MAMARONECK, NY 10543-1835
EPA ID:	NYD987033487
Mailing address:	PO BOX 201 MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	PO BOX 201 MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02

N P I (Continued) **1000791823**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: TINA S LEE
Owner/operator address: PO BOX 201
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-381-3154
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: TINA S LEE
Owner/operator address: PO BOX 201
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-381-3154
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: N P I
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: N P I
Classification: Not a generator, verified

N P I (Continued) **1000791823**

Date form received by agency: 05/05/1993
Site name: N P I
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004504288

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000791823
Registry ID: 110004504288
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004504288

NY MANIFEST:
Name: N P I
Address: 225 HOYT AVE
City,State,Zip: MAMARONECK, NY 10543-1835
Country: USA
EPA ID: NYD987033487
Facility Status: Not reported
Location Address 1: 225 HOYT AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD987033487
Mailing Name: N P I
Mailing Contact: DAVID Y LEE
Mailing Address 1: 225 HOYT AVE
Mailing Address 2: Not reported
Mailing City: MAMARONECK
Mailing State: NY
Mailing Zip: 10543

N P I (Continued) **1000791823**

Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9143813154

NY MANIFEST:

Document ID:	CTF0214935
Manifest Status:	K
seq:	Not reported
Year:	1993
Trans1 State ID:	NJDEEPS86
Trans2 State ID:	Not reported
Generator Ship Date:	08/26/1993
Trans1 Recv Date:	08/26/1993
Trans2 Recv Date:	/ /
TSD Site Recv Date:	08/27/1993
Part A Recv Date:	10/08/1993
Part B Recv Date:	10/04/1993
Generator EPA ID:	NYD987033487
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD001156009
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00212
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

178
North
1/4-1/2
0.256 mi.
1351 ft.

HOME
250 GRAND ST
MAMARONECK, NY

NY LTANKS **S117395107**
N/A

Relative:
Higher

Actual:
33 ft.

LTANKS:

Name:	HOME
Address:	250 GRAND ST
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1408863 / 2015-03-27
Facility ID:	1408863
Site ID:	502453
Spill Date:	2014-12-01
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2014-12-01
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-12-01
Spill Record Last Update:	2015-03-31
Spiller Name:	Not reported
Spiller Company:	LIMARDI//PATREE
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	LIMARDI//PATREE
Spiller Phone:	(914) 575-1656
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	338968
DEC Memo:	"12/1/14 - Property is going real estate transaction. Caller proposed to the brooke to repair or remove. KAB 03/27/15 Northeast Environmental reported that they excavated and removed the tank along with 5.90 tons of contaminated soil. Post excavation soil sample results were below DEC guidance values. NFA. TG"
Remarks:	"275 gal ust"

All Materials:

Site ID:	502453
Operable Unit ID:	1251820
Operable Unit:	01
Material ID:	2253774
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported

HOME (Continued) **S117395107**

Oxygenate: Not reported

AK179 **SPILL NUMBER 0002195** **NY LTANKS** **S104619921**
South **315 PALMER TERRACE** **NY Spills** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.270 mi.
1423 ft. **Site 1 of 3 in cluster AK**

Relative:
Higher

Actual:
37 ft.

LTANKS:

Name:	SPILL NUMBER 9812581
Address:	315 PALMER TERRACE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9812581 / 1999-01-13
Facility ID:	9812581
Site ID:	150198
Spill Date:	1999-01-12
Spill Cause:	Tank Failure
Spill Source:	Tank Truck
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-01-12
CID:	312
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-01-12
Spill Record Last Update:	2003-10-09
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	PALMER TERR COOPERATIVE
Spiller Phone:	(914) 939-7100
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	127728
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE SPILL CONTAINED AND CLEANED. APPROX ONE HALF DRUM CONTAMINATED SOIL REMOVED."
Remarks:	"CASTLE HAS A SPILL CREW RESPONDING"

All Materials:

Site ID:	150198
Operable Unit ID:	1073104
Operable Unit:	01
Material ID:	312857
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

SPILL NUMBER 0002195 (Continued) **S104619921**

Quantity:	7.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	SPILL NUMBER 0002195
Address:	315 PALMER TERRACE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0002195 / 2000-05-22
Facility ID:	0002195
Facility Type:	ER
DER Facility ID:	127728
Site ID:	150197
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	6032
Spill Date:	2000-05-22
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2000-05-22
CID:	382
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-05-22
Spill Record Last Update:	2003-10-09
Spiller Name:	UNKNOWN
Spiller Company:	CASTLE OIL
Spiller Address:	290 LOCUST AVE
Spiller Company:	001
Contact Name:	W R G MANAGEMENT
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE "
Remarks:	"DRIVER ERROR OVERFILL DURING DELIVERY. CASTLE ENROUTE TO CLEAN UP."

All Materials:

Site ID:	150197
Operable Unit ID:	823738
Operable Unit:	01
Material ID:	550567
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AK180 **CO-OP PBS - RETEST TTF** **NY LTANKS** **S109064180**
South **320 PALMER TERRACE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.271 mi.
1429 ft. **Site 2 of 3 in cluster AK**

Relative:
Higher

Actual:
36 ft.

LTANKS:

Name:	APARTMENT
Address:	320 PALMER TERRACE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0713233 / 2009-01-07
Facility ID:	0713233
Site ID:	394956
Spill Date:	2008-03-11
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	WCDOH - PBS
Reported to Dept:	2008-03-14
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-03-14
Spill Record Last Update:	2009-01-07
Spiller Name:	MR RON SINCLAIR
Spiller Company:	APART
Spiller Address:	320 PALMER TERRACE
Spiller County:	001
Spiller Contact:	MR RON SINCLAIR
Spiller Phone:	(914) 813-1900
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	344502
DEC Memo:	"Piping replacement and passing retests. No contamination found. jod"
Remarks:	"ISOLATE AND RETEST"

All TTF:

Facility ID:	0713233
Spill Number:	0713233
Spill Tank Test:	2384843
Site ID:	394956
Tank Number:	Not reported
Tank Size:	6500
Material:	Not reported
EPA UST:	Not reported
UST:	False
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported

CO-OP PBS - RETEST TTF (Continued) **S109064180**

Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	394956
Operable Unit ID:	1151903
Operable Unit:	01
Material ID:	2142668
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	CO-OP PBS - RETEST TTF
Address:	320 PALMER TERRACE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1502873 / 2017-04-04
Facility ID:	1502873
Site ID:	509155
Spill Date:	2015-06-15
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2015-06-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2015-06-15
Spill Record Last Update:	2017-04-04
Spiller Name:	LOUIS RICCI
Spiller Company:	Palmer Terrace Co-op Apts / TTF
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	LOUIS RICCI
Spiller Phone:	(914) 682-5676
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	344502
DEC Memo:	"6/15/15: TTF of a 6,500 gallon heating oil UST. PBS 3-164941. Wayne Schneider from WCDoH will follow up and update DEC. jod Update from US Tank Tech: This is the first year we tested this 6500 gallon tank. Failed 1st test 05/05/15 Spill #15-01284. Failed re-test today. Well Point off tank (vent) end has oil in it. Northeast did repairs. Tank

CO-OP PBS - RETEST TTF (Continued) **S109064180**

	in bad shape. Louis Ricci is from Westfair property Mgmt 914-682-5676. I will fax a copy of the report to WCDOH later today. 4-*4-17 TCR rec'd and NFA RDB"
Remarks:	"tank test fail"

All Materials:

Site ID:	509155
Operable Unit ID:	1258448
Operable Unit:	01
Material ID:	2261605
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

AK181 **PALMER TERRACE CO OP APT** **NY LTANKS** **S117853861**
South **320 PALMER TERRACE** **N/A**
1/4-1/2 **MAMORNECK, NY**
0.271 mi.
1429 ft. **Site 3 of 3 in cluster AK**

Relative:
Higher

Actual:
36 ft.

LTANKS:

Name:	PALMER TERRACE CO OP APT
Address:	320 PALMER TERRACE
City,State,Zip:	MAMORNECK, NY
Spill Number/Closed Date:	1501284 / 2017-04-04
Facility ID:	1501284
Site ID:	507478
Spill Date:	2015-05-05
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2015-05-05
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2015-05-05
Spill Record Last Update:	2017-04-04
Spiller Name:	LOU RICCI
Spiller Company:	PALMER TERRACE CO OP APT
Spiller Address:	320 PALMER CT
Spiller County:	999
Spiller Contact:	LOU RICCI
Spiller Phone:	(914) 536-2343

PALMER TERRACE CO OP APT (Continued) **S117853861**

Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	462233
DEC Memo:	"LEft a message for L Ricci. Spoke to caller. Probably a piping problem. This is a WC PBS site....mm 5-6-15 Lou called. He said they plan to repair and retest. Directed him to contact WCHD and inform them too since site is regulated. jc 6/15/15: Tank failed retest, reported as Spill 1502873. Additional info from US Tank Tech: This is the first year we tested this 6500 gallon tank. Failed 1st test 05/05/15 Spill #15-01284. Failed re-test today. Well Point off tank (vent) end has oil in it. Northeast did repairs. Tank in bad shape. Louis Ricci is from Westfair property Mgmt 914-682-5676. I will fax a copy of the report to WCDOH later today or I the AM. jod 4-*4-17 TCR rec'd and NFA RDB"
Remarks:	"retest possible"

All Materials:

Site ID:	507478
Operable Unit ID:	1256812
Operable Unit:	01
Material ID:	2259774
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

182
NNE
1/4-1/2
0.271 mi.
1431 ft.

RESIDENCE
173 CENTER STREET
MAMARONECK, NY

NY LTANKS **S102447967**
N/A

Relative:
Lower

Actual:
23 ft.

LTANKS:

Name:	RESIDENCE
Address:	173 CENTER STREET
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9609707 / 1997-11-13
Facility ID:	9609707
Site ID:	183560
Spill Date:	1996-11-04
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-11-04
CID:	266
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False

RESIDENCE (Continued) **S102447967**

Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-11-04
Spill Record Last Update:	1998-01-29
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	173 CENTER STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	153688
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 11/12/97 ROYAL ENVIRONMENTAL REMOVED LEAKING TANK; SPILL MONITORED BY CHRIS OF W.C.H.D. "
Remarks:	"TEST PERFORMED ON BEHALF OF ROYAL ENVIRONMENTAL, (914) 328-6549. ROYAL TO BE NOTIFIED OF RESULTS."

All TTF:

Facility ID:	9609707
Spill Number:	9609707
Spill Tank Test:	1544864
Site ID:	183560
Tank Number:	Not reported
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	183560
Operable Unit ID:	1037643
Operable Unit:	01
Material ID:	341911
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AL183 **REAL ESTATE - TTF** **NY LTANKS** **S118263518**
West **615 BALDWIN PLACE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.272 mi.
1437 ft. **Site 1 of 3 in cluster AL**

Relative: **Higher**

Actual: **43 ft.**

LTANKS:

Name:	REAL ESTATE - TTF
Address:	615 BALDWIN PLACE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1506945 / 2015-12-15
Facility ID:	1506945
Site ID:	514395
Spill Date:	2015-10-01
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2015-10-01
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2015-10-01
Spill Record Last Update:	2015-12-15
Spiller Name:	unknown
Spiller Company:	Bank Owned
Spiller Address:	615 BALDWIN PLACE
Spiller County:	999
Spiller Contact:	GRUBER OLIDEIRA
Spiller Phone:	(917) 553-6262
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	468863
DEC Memo:	"10-1-15 Spoke with Morris Morgan. This is a bank owned property and Gruber Oliveira is the real estate broker representing the bank. Tank failed with crackling sound. Gruber is already working with Northeast Environmental on tank issue so tank will be uncovered and inspected. jm 12/07/15 Northeast Environmental reported that they excavated and removed the tank and that no contaminated soil was observed in the excavation. Post excavation soil sample result were below DEC soil guidance values. NFA. TG"
Remarks:	"550 gal ust"

All Materials:

Site ID:	514395
Operable Unit ID:	1263589
Operable Unit:	01
Material ID:	2267320
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

REAL ESTATE - TTF (Continued) **S118263518**

Quantity: Not reported
Units: G
Recovered: Not reported
Oxygenate: Not reported

AL184 **SOLOMON - TTF** **NY LTANKS** **S114561816**
West **617 BALDWIN PLACE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.273 mi.
1442 ft. **Site 2 of 3 in cluster AL**

Relative:
Higher

Actual:
44 ft.

LTANKS:

Name:	SOLOMON - TTF
Address:	617 BALDWIN PLACE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1308171 / Not Reported
Facility ID:	1308171
Site ID:	488886
Spill Date:	2013-11-11
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	Unassigned
Referred To:	Not reported
Reported to Dept:	2013-11-11
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	2013-11-11
Spill Record Last Update:	2015-12-24
Spiller Name:	SOLOMON
Spiller Company:	Solomon
Spiller Address:	617 BALDWIN PLACE RD
Spiller County:	999
Spiller Contact:	SOLOMON
Spiller Phone:	(914) 262-2158
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	443947
DEC Memo:	"11/11/13: Report of a residential tank test failure. No indication of a release at this time. Message sent to US Tank tech, requesting additional information on retest. jod"
Remarks:	"550 gal ust"

All TTF:

Facility ID:	1308171
Spill Number:	1308171
Spill Tank Test:	2494699
Site ID:	488886
Tank Number:	0

SOLOMON - TTF (Continued) **S114561816**

Tank Size:	550
Material:	0001
EPA UST:	False
UST:	True
Cause:	99
Source:	00
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	JBODEE
Last Modified Date:	Not reported

All Materials:

Site ID:	488886
Operable Unit ID:	1238493
Operable Unit:	01
Material ID:	2238413
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

AL185 **COLANGELLA RESIDENCE** **NY LTANKS** **S102233382**
West **621 BALDWIN PL** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.275 mi.
1452 ft. **Site 3 of 3 in cluster AL**

Relative:
Higher

Actual:
45 ft.

LTANKS:

Name:	COLANGELLA RESIDENCE
Address:	621 BALDWIN PL
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9509598 / 2005-03-27
Facility ID:	9509598
Site ID:	123663
Spill Date:	1995-10-30
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	A3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	WCHD
Referred To:	WESTCHESTER CNTY HEALTH D
Reported to Dept:	1995-11-02
CID:	351
Water Affected:	Not reported
Spill Notifier:	Health Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False

COLANGELLA RESIDENCE (Continued) **S102233382**

Remediation Phase:	0
Date Entered In Computer:	1995-11-02
Spill Record Last Update:	2005-03-27
Spiller Name:	Not reported
Spiller Company:	MR COLANGELLA
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	MR COLANGELLA
Spiller Phone:	(914) 698-3898
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	107177
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD - LALAK 03/27/05 SPILL FILE CLOSED BY CHRIS LALAK OF THE WESTCHESTER COUNTY HEALTH DEPT. NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"OIL IS VISABLE IN STORM SEWER - POSSIBLE SOURCE IS LISTED RESIDENCE RESIDENT WAS ORDERED TO TEST OR REMOVE TANK WITHIN 10 DAYS"

All Materials:

Site ID:	123663
Operable Unit ID:	1020098
Operable Unit:	01
Material ID:	360537
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	RESIDENCE
Address:	621 BALDWIN PL
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9509742 / 1995-11-14
Facility ID:	9509742
Site ID:	123664
Spill Date:	1995-11-06
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	1995-11-14
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-11-06
CID:	349
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-11-06

COLANGELLA RESIDENCE (Continued) **S102233382**

Spill Record Last Update:	1995-12-07
Spiller Name:	MR COLANGELLA
Spiller Company:	Not reported
Spiller Address:	621 BALDWIN PL
Spiller County:	001
Spiller Contact:	MR COLANGELLA
Spiller Phone:	(914) 698-3898
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	107177
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 11/14/95 THIS IS A SECOND TANK TEST FAILURE THE SITE HAS ANOTHER SPILL # 9509988 "
Remarks:	""

All TTF:

Facility ID:	9509742
Spill Number:	9509742
Spill Tank Test:	1544254
Site ID:	123664
Tank Number:	Not reported
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	123664
Operable Unit ID:	1020177
Operable Unit:	01
Material ID:	360677
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	RESIDENCE
Address:	621 BALDWIN PL
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9509988 / 1995-12-04
Facility ID:	9509988
Site ID:	123665
Spill Date:	1995-11-10
Spill Cause:	Tank Test Failure

COLANGELLA RESIDENCE (Continued) **S102233382**

Spill Source:	Private Dwelling
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-11-10
CID:	349
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-11-10
Spill Record Last Update:	1996-02-06
Spiller Name:	MR COLANGELLA
Spiller Company:	Not reported
Spiller Address:	621 BALDWIN PL
Spiller County:	001
Spiller Contact:	MR COLANGELLA
Spiller Phone:	(914) 698-3898
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	107177
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 11/10/95 HORNER EZ CHECK GROSS LEAK NEEDS FOLLOW UP ALSO SEE SPILL # 9509742 12/04/95 TANK TEST FAILURE TWICE EASTMAN & SONS TOOK CARE OF THE TANK REMOVAL AND REMOVAL OF CONTAMINATED SOIL THEY DID FORWARD A VERIFYING LETTER "
Remarks:	"2ND TEST"

All TTF:

Facility ID:	9509988
Spill Number:	9509988
Spill Tank Test:	1544256
Site ID:	123665
Tank Number:	Not reported
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	123665
Operable Unit ID:	1024307
Operable Unit:	01
Material ID:	360916

COLANGELLA RESIDENCE (Continued) **S102233382**

Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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186 **RESIDENCE** **NY LTANKS** **S106123941**
ESE **334 PROSPECT AVE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.293 mi.
1545 ft.

Relative:
Higher

Actual:
81 ft.

LTANKS:

Name:	RESIDENCE
Address:	334 PROSPECT AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0311379 / 2004-03-15
Facility ID:	0311379
Site ID:	199349
Spill Date:	2004-01-08
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2004-01-08
CID:	404
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-01-08
Spill Record Last Update:	2004-04-02
Spiller Name:	Not reported
Spiller Company:	ROBISON OIL
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	165919
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-LALAK 01/09/04 CHRIS LALAK AND KAREN MAGNUSON OF WCHD ON SITE. 275 GALLON BASEMENT AST SPLIT DURING DELIVERY, RESIDENTS BEING EVACUATED BY HEALTH DEPT. 3/24/04: Letter to Mr. Biselli and Mr. Michael Praileau, Robison/Singer Holding Corp from C. Lalak, WCDOH dated 15Mar2004. Gross cleanup completed 8Jan2004, house vented 3Feb2004. Air sampling performed 4Feb2004. Concentration of compounds

RESIDENCE (Continued) **S106123941**

detected were extremely low. Petroleum odors no longer present. WCDOH recommends NFA at this time."

Remarks: "UNKNOWN HEATING FUEL OIL. CONTAINED TO THE BASEMENT AND CURRENTLY BEING CLEANED UP."

All Materials:

Site ID:	199349
Operable Unit ID:	879008
Operable Unit:	01
Material ID:	500190
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	275.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

187
NNE
1/4-1/2
0.293 mi.
1547 ft.

QUADRINI HOME **NY LTANKS S102110044**
173 MADISON STREET **NY Spills N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
25 ft.

LTANKS:

Name:	QUADRINI HOME
Address:	173 MADISON STREET
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0700691 / 2007-05-08
Facility ID:	0700691
Site ID:	380075
Spill Date:	2007-04-18
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2007-04-18
CID:	444
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	2007-04-19
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2007-04-18
Spill Record Last Update:	2007-05-08
Spiller Name:	QUADRINI HOME
Spiller Company:	Not reported
Spiller Address:	173 MADDISON STREET
Spiller County:	001
Spiller Contact:	STEFAN GROEAU
Spiller Phone:	(914) 224-7644

QUADRINI HOME (Continued) **S102110044**

Spiller Extention: CELL
DEC Region: 3
DER Facility ID: 196994
DEC Memo: "BASEMENT SPILL DUE TO FLOODING. CLEANED UP COMPLETED BY ROYAL ENVIRONMENTAL. NFA jod"
Remarks: "FUEL OIL TANK TIPPED OVER AND IT WAS IN PROCESS OF CLEANING UP"

All Materials:
Site ID: 380075
Operable Unit ID: 1137566
Operable Unit: 01
Material ID: 2127514
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: RESIDENCE
Address: 173 MADISON STREET
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 9410911 / 1994-11-21
Facility ID: 9410911
Facility Type: ER
DER Facility ID: 196994
Site ID: 239512
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: D4
SWIS: 6032
Spill Date: 1994-11-15
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1994-11-15
CID: Not reported
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Responsible Party
Cleanup Ceased: 1994-11-21
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-12-02
Spill Record Last Update: 2003-12-02
Spiller Name: Not reported
Spiller Company: ROBISON OIL
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was

QUADRINI HOME (Continued) **S102110044**

GHIOSAY "
Remarks: "OIL LEAKED FROM HOSE SPEEDI-DRI USED TO CLEAN UP"

All Materials:
Site ID: 239512
Operable Unit ID: 1008779
Operable Unit: 01
Material ID: 376776
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

AM188 **ERCOLE RESIDENCE - TTF** **NY LTANKS** **S116555686**
WSW **645 BALDWIN PLACE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.296 mi.
1564 ft. **Site 1 of 2 in cluster AM**

Relative: **Higher**
Actual: **55 ft.**

LTANKS:
Name: ERCOLE RESIDENCE - TTF
Address: 645 BALDWIN PLACE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 1311677 / 2014-07-08
Facility ID: 1311677
Site ID: 492591
Spill Date: 2014-03-14
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 6032
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 2014-03-14
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2014-03-14
Spill Record Last Update: 2014-07-08
Spiller Name: Not reported
Spiller Company: PROPERTY OWNER
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: JOHN URCOLE
Spiller Phone: (203) 918-5348
Spiller Extention: Not reported
DEC Region: 3

ERCOLE RESIDENCE - TTF (Continued) **S116555686**

DER Facility ID: 447522
DEC Memo: "3/14/14: Residential TTF. No evidence of an actual release at this time. Tester recommending repipe and retest. Additional information will be forwarded to DEC from US Tank Tech. jod 06/25/14 Northeast Environmental reported that they excavated and removed the tank along with 11.61 tons of contaminated soil. Post excavation soil sample results were below DEC guidance values. NFA. TG"
Remarks: "repair/retest pending - 1000 UST"

All TTF:
Facility ID: 1311677
Spill Number: 1311677
Spill Tank Test: 2495190
Site ID: 492591
Tank Number: 1
Tank Size: 1000
Material: 0001
EPA UST: False
UST: True
Cause: 99
Source: 00
Test Method: 21
Test Method 2: Horner EZY3/EZY3 Locator Plus
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: JBODEE
Last Modified Date: Not reported

All Materials:
Site ID: 492591
Operable Unit ID: 1242113
Operable Unit: 01
Material ID: 2242639
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

AM189 **AMMONIA** **NY LTANKS** **S102106012**
WSW **670 BALDWIN PL** **NY Spills** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.298 mi.
1574 ft. **Site 2 of 2 in cluster AM**

Relative: **Higher**
Actual: **53 ft.**

LTANKS:
Name: AITCHISON - TTF
Address: 670 BALDWIN PLACE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 1300104 / Not Reported
Facility ID: 1300104
Site ID: 480419
Spill Date: 2013-04-04
Spill Cause: Tank Test Failure

AMMONIA (Continued) **S102106012**

Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	Unassigned
Referred To:	Not reported
Reported to Dept:	2013-04-04
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	5
Date Entered In Computer:	2013-04-04
Spill Record Last Update:	2015-12-24
Spiller Name:	AITCHISON
Spiller Company:	Aitchison
Spiller Address:	670 BALDWIN PLACE
Spiller County:	999
Spiller Contact:	AITCHISON
Spiller Phone:	same
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	435694
DEC Memo:	"4-4-13 Plans to remove tank. Has a meeting with Northeast Environmental next week. Gave him other company names also at his request. jc "
Remarks:	"550 gal ust"

All TTF:

Facility ID:	1300104
Spill Number:	1300104
Spill Tank Test:	2494700
Site ID:	480419
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	False
UST:	True
Cause:	99
Source:	00
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	JBODEE
Last Modified Date:	Not reported

All Materials:

Site ID:	480419
Operable Unit ID:	1230188
Operable Unit:	01
Material ID:	2228034
Material Code:	0001A
Material Name:	#2 fuel oil

AMMONIA (Continued) **S102106012**

Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: Not reported
Oxygenate: Not reported

SPILLS:
Name: AMMONIA
Address: 670 BALDWIN PL
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 8703444 / 1988-05-02
Facility ID: 8703444
Facility Type: ER
DER Facility ID: 190599
Site ID: 231273
DEC Region: 3
Spill Cause: Unknown
Spill Class: C3
SWIS: 6032
Spill Date: 1987-07-28
Investigator: dxtraver
Referred To: Not reported
Reported to Dept: 1987-07-28
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: 1988-05-02
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1987-08-03
Spill Record Last Update: 1998-03-24
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TRAVER WC / / : WCHD TO INVESTIGATE. "
Remarks: "NFA"

All Materials:
Site ID: 231273
Operable Unit ID: 907328
Operable Unit: 01
Material ID: 469681
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L

AMMONIA (Continued) **S102106012**

Recovered: .00
Oxygenate: Not reported

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190 NNE 1/4-1/2 0.306 mi. 1616 ft. **QUADRINI - TTF** **NY LTANKS** **S104619943**
180 WASHINGTON ST **N/A**
MAMARONECK, NY

Relative: Higher
Actual: 27 ft.

LTANKS:

Name:	QUADRINI - TTF
Address:	180 WASHINGTON ST
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9813128 / 2008-12-07
Facility ID:	9813128
Site ID:	153452
Spill Date:	1999-01-26
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D5
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-01-26
CID:	366
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-01-26
Spill Record Last Update:	2017-12-11
Spiller Name:	BENNY QUADRINI
Spiller Company:	Quadrini
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Jim Rood
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	130189
DEC Memo:	"04/16/99 Letter sent to tank owner by John O'Dee requesting information on tank/spill status. TANK TEST FAILURE OF UNREGULATED, RESIDENTIAL HEATING OIL TANK. IT WAS LATER REPORTED TO DEC, THAT THE TANK WAS REMOVED BY TAKE PRIDE CONTRACTING. NO REPORT WAS FILED, NO FURTHER INFORMATION RECEIVED BY DEC. SPILL FILE ADMINISTRATIVELY CLOSED."
Remarks:	"TANK FAILED TEST. HOME OWNER TO FOLLOW THROUGH AND MAKE REPAIRS."

All TTF:

Facility ID:	9813128
Spill Number:	9813128
Spill Tank Test:	1546776
Site ID:	153452

QUADRINI - TTF (Continued) **S104619943**

Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	False
UST:	False
Cause:	99
Source:	00
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	1.10
Gross Fail:	Not reported
Modified By:	JBODEE
Last Modified Date:	Not reported

All Materials:

Site ID:	153452
Operable Unit ID:	1070490
Operable Unit:	01
Material ID:	313402
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

AN191 **HERSHBERG** **NY LTANKS** **S105055090**
NW **3 COUNTRY LN** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.310 mi.
1639 ft. **Site 1 of 2 in cluster AN**

Relative:
Higher

Actual:
52 ft.

LTANKS:

Name:	HERSHBERG
Address:	3 COUNTRY LN
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0102836 / 2005-04-10
Facility ID:	0102836
Site ID:	313940
Spill Date:	2001-06-13
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-06-14
CID:	205
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False

HERSHBERG (Continued) **S105055090**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-06-14
Spill Record Last Update:	2005-04-10
Spiller Name:	OWNER
Spiller Company:	HERSHBERG RES
Spiller Address:	3 COUNTRY LN
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	253133
DEC Memo:	"04/10/05 NON-REGULATED TTF. NO RETEST OR CLOSURE INFORMATION SUBMITTED TO DEC. SPILL ADMINISTRATIVELY CLOSED AS PER DIRECTIVE FROM CENTRAL OFFICE. jod"
Remarks:	"FAILED TEST"

All TTF:

Facility ID:	0102836
Spill Number:	0102836
Spill Tank Test:	1526378
Site ID:	313940
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	313940
Operable Unit ID:	839431
Operable Unit:	01
Material ID:	534942
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AN192 **RESIDENCE** **NY LTANKS** **S106971544**
NW **6 COUNTRY LANE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.318 mi.
1678 ft. **Site 2 of 2 in cluster AN**

Relative: **Higher**

Actual: **55 ft.**

LTANKS:

Name:	RESIDENCE
Address:	6 COUNTRY LANE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0407822 / 2004-12-15
Facility ID:	0407822
Site ID:	332399
Spill Date:	2004-10-13
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2004-10-14
CID:	408
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-10-18
Spill Record Last Update:	2004-12-15
Spiller Name:	RONALD FREIDMAN
Spiller Company:	RESIDENCE
Spiller Address:	6 COUNTRY LANE
Spiller County:	001
Spiller Contact:	RONALD FREIDMAN
Spiller Phone:	(914) 698-2447
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	267596
DEC Memo:	"12/15/04 SEE SPILL 04-08612. NFA THIS SPILL NUMBER. jbo"
Remarks:	"2500 PARTS PER MILLION. CITIZEN REPORTS THAT INSURANCE COMPANY CANCELLED POLICY AND HAD TO TEST SOIL AGAIN FOR TEH CAB PROGRAM. THE TEST CAME OUT THAT THE SOI"

All Materials:

Site ID:	332399
Operable Unit ID:	1094632
Operable Unit:	01
Material ID:	574754
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

RESIDENCE (Continued) **S106971544**

Name:	RESIDENCE
Address:	6 COUNTRY LANE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0408612 / 2005-02-13
Facility ID:	0408612
Site ID:	333505
Spill Date:	2004-11-04
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2004-11-04
CID:	408
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-11-08
Spill Record Last Update:	2005-02-13
Spiller Name:	Not reported
Spiller Company:	+
Spiller Address:	6 COUNTRY LANE
Spiller County:	001
Spiller Contact:	JACKIE FREIDMAN
Spiller Phone:	(914) 698-2447
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	267596
DEC Memo:	"12/15/04 PREVIOUSLY REPORTED AS 04-07822. 02/13/05 CASTLTON ENVIRONMENTAL DISPOSED OF LUST AND 9.74 TONS OF CONTAMINATED SOIL. BASED UPON THE CLOSURE REPORT SUBMITTED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"HOLE INS TANK: CLEAN UP IS IN PROCESS."

All Materials:

Site ID:	333505
Operable Unit ID:	1095659
Operable Unit:	01
Material ID:	575787
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AO193 **PERGOLA RESIDENCE** **NY LTANKS** **S105996955**
North **186 GRAND ST** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.321 mi.
1697 ft. **Site 1 of 2 in cluster AO**

Relative:
Higher

Actual:
39 ft.

LTANKS:

Name:	PERGOLA RESIDENCE
Address:	186 GRAND ST
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0207020 / 2002-11-12
Facility ID:	0207020
Site ID:	60868
Spill Date:	2002-10-07
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2002-10-07
CID:	390
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-10-07
Spill Record Last Update:	2002-12-26
Spiller Name:	SHERYL PERGOLA
Spiller Company:	PERGOLA RESIDENCE
Spiller Address:	186 GRAND ST
Spiller County:	001
Spiller Contact:	SHERYL PERGOLA
Spiller Phone:	(914) 381-2854
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	59347
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 11/12/02 NORTHEAST PULLED OF TANK AND DISPOSED OF 11.05 TONS OF CONTAMINATED SOIL. 11/20/02 A SECOND CLOSURE REPORT RECEIVED FROM JM ASSOCIATES."
Remarks:	"soil boring results returned today - contamination in the soil from underground leaking storage tank"

All Materials:

Site ID:	60868
Operable Unit ID:	858772
Operable Unit:	01
Material ID:	517609
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00

PERGOLA RESIDENCE (Continued) **S105996955**

Oxygenate: Not reported

AP194 **ITT SEALECTRO** **NY LTANKS** **U003647553**
NE **139 HOYTE STREET** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.322 mi.
1701 ft. **Site 1 of 2 in cluster AP**

Relative: **Lower**
Actual: **22 ft.**

LTANKS:

Name:	ITT SEALECTRO
Address:	139 HOYTE STREET
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9101862 / 1991-05-20
Facility ID:	9101862
Site ID:	123129
Spill Date:	1991-05-16
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1953-06-18
SWIS:	6032
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1991-05-16
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-05-22
Spill Record Last Update:	1992-05-01
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	585 EAST MAIN STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	106731
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 05/20/91: TANKS REMOVED. "
Remarks:	"TANKS BEING EXCAVATED HOLES WERE FOUND IN THE BOTTOM OF THE TANK ONLY MINOR SPILLAGE WAS NOTICED"

All TTF:

Facility ID:	9101862
Spill Number:	9101862
Spill Tank Test:	1538561
Site ID:	123129
Tank Number:	Not reported
Tank Size:	0
Material:	0066A
EPA UST:	Not reported

ITT SEALECTRO (Continued) **U003647553**

UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	123129
Operable Unit ID:	955439
Operable Unit:	01
Material ID:	424399
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

AP195 **SEALECTRO CORP** **RCRA-VSQG** **1000131198**
NE **139 HOYT AVE** **NY SHWS** **NYD001604420**
1/4-1/2 **MAMARONECK, NY 10543** **NY CBS**
0.322 mi. **NY Spills**
1701 ft. **Site 2 of 2 in cluster AP** **FINDS**
ECHO
Relative: **NY MANIFEST**
Lower **NJ MANIFEST**
NY VAPOR REOPENED
Actual:
22 ft.

RCRA-VSQG:

Date form received by agency:	01/01/2007
Facility name:	SEALECTRO CORP
Facility address:	139 HOYT AVE MAMARONECK, NY 10543-1834
EPA ID:	NYD001604420
Mailing address:	W RED OAK LANE WHITE PLAINS, NY 10604
Contact:	FERN FLEISCHER-DAVES
Contact address:	W RED OAK LANE WHITE PLAINS, NY 10604
Contact country:	US
Contact telephone:	914-641-2148
Contact email:	FERN.DAVES@ITT.COM
EPA Region:	02
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or

SEALECTRO CORP (Continued) **1000131198**

other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	NO NAME FOUND
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/01/1988
Owner/Op end date:	Not reported

Owner/operator name:	HOYT STREET REALTY CORP
Owner/operator address:	MAIN ST
	NEW ROCHELLE, NY 10801
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/29/1995
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/10/2006

SEALECTRO CORP (Continued) **1000131198**

Site name: SEALECTRO CORP
Classification: Small Quantity Generator

Date form received by agency: 01/09/2006
Site name: SEALECTRO CORP
Classification: Small Quantity Generator

Date form received by agency: 07/14/1999
Site name: SEALECTRO CORP
Classification: Small Quantity Generator

Date form received by agency: 03/31/1994
Site name: ITT SEALECTRO CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 08/12/1980
Site name: SEALECTRO CORP
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D043
. Waste name: VINYL CHLORIDE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009

SEALECTRO CORP (Continued) **1000131198**

. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/18/1987
Date achieved compliance: 03/23/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/27/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 12/18/1987
Date achieved compliance: 01/13/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/11/1986
Date achieved compliance: 03/05/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/09/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

SEALECTRO CORP (Continued) **1000131198**

Evaluation Action Summary:
Evaluation date: 08/31/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/18/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 01/13/1989
Evaluation lead agency: State

Evaluation date: 12/18/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/23/1988
Evaluation lead agency: State

Evaluation date: 09/11/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/05/1987
Evaluation lead agency: State

SHWS:
Name: ITT SEALECTRO
Address: 139 HOYT STREET
City,State,Zip: MAMARONECK, NY 10543
Program: HW
Site Code: 56084
Classification: Significant threat to the public health or environment - action required.
Region: 3
Acres: 0.92
HW Code: 360027
Record Add: 11/18/1999
Record Upd: 03/15/2019
Updated By: JEBROWN
Site Description: Location: The former ITT Sealectro site is located in an urban area at 139 Hoyt Avenue, in the Village of Mamaroneck, Westchester County. Site Features: The main feature on the 0.92 acre site is a single story building (approximately 20,000 square feet) which sits on a concrete slab. The rest of the property consists of an asphalt parking lot and landscaped areas. Current Zoning and Land Use: The site is currently active as a retail store, and is zoned for manufacturing use (M-1), which allows certain commercial and industrial applications. The surrounding parcels are currently used for residential, commercial and industrial purposes. The nearest residential area is approximately 185 feet to the northwest. Past Use of the Site: From 1960 to 1990, ITT Sealectro manufactured electronic parts and jewelry at the site. The company used machine oils and cleaning solvents in its manufacturing operations. Spent solvents, electroplating wastes, and fuel oil leaked from underground storage tanks (USTs) into underlying soils and groundwater. Site Geology and Hydrogeology: The site geology consists of three unconsolidated units that overlie gray granitic gneiss bedrock, which is located between

SEALECTRO CORP (Continued) **1000131198**

29 and 40 feet below ground surface. The uppermost unconsolidated deposit is composed of fill including fine to coarse grained sand and gravel with cinders and slag. The middle unit consists of inter-layered discontinuous lenses of sand, silt and clay. The unconsolidated deposit immediately atop bedrock consists of sand and gravel. The groundwater table occurs between 5 and 8 feet below the ground surface. There are two ground water zones: the shallow zone occurs in the sand, silt and clay unit, while the deep zone occurs in the sand and gravel unit. Groundwater flows to the north in both zones. There is an upward hydraulic gradient from the deep zone to the shallow zone.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: Based on investigations conducted to date, the primary contaminants of concern are volatile organic compounds (VOCs) including 1,1,1-trichloroethane (TCA), tetrachloroethene (PCE), trichloroethene (TCE), 1,2-dichloroethene (1,2-DCE), 1,1-dichloroethene (1,1-DCE), 1,1-dichloroethane (1,1-DCA), 1,2-dichloroethane (1,2-DCA), toluene, xylene, benzene and vinyl chloride. Soil- PCE, TCE, TCA, 1,2-DCE, 1,1-DCE, 1,2-DCA, xylene and toluene were found in subsurface soils. The maximum total VOC concentration was 8,200 ppm. Groundwater- The groundwater was also impacted by PCE, TCA, TCE, 1,2-DCE, 1,1-DCE, 1,1-DCA, benzene and vinyl chloride. Maximum concentrations were 1,600 ppb (PCE), 75 ppb (TCE, 610 ppb (TCA), 300 ppb (1,1-DCA), 77 ppb (1,2-DCE), 670 ppb (1,1-DCE), 200 ppb (vinyl chloride), and 29 ppb (benzene). Soil Vapor and Indoor Air- Soil vapor (parking lot) was found to be impacted by TCE, TCA and PCE. Maximum concentrations were 4,500 ug/m3 (TCE), 1,100 ug/m3 (TCA), and 520 ug/m3 (PCE). Subslab soil vapor had maximum concentrations of 24,000 ug/m3 (TCE), 2,700 ug/m3 (TCA), and 11,000 ug/m3 (PCE). Indoor air had maximum concentrations of 91 ug/m3 (TCE), 19 ug/m3 (TCA), and 140 ug/m3 (PCE). Post-Remediation: Remediation (soil and UST removal) is complete. The operation of the groundwater extraction and treatment system at the former location of the solvent underground storage tanks continues. A subslab depressurization system was installed in the on-site building in December 2013.

Health Problem: Since some contaminated soils remain at the site below concrete or clean backfill, people will not come in contact with contaminated soils unless they dig below the surface materials. Groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Soil vapor intrusion sampling identified impacts in indoor air quality. This impact is limited to one on-site building and represents a health concern.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1960
Disp Term: 1986
Lat/Long: 40:57:06:0 / 73:44:21:0

SEALECTRO CORP (Continued) **1000131198**

Dell:	False
Record Add:	1999-11-18 12:00:00
Record Upd:	2012-10-18 15:34:00
Updated By:	ldennist
Own Op:	Disp. Owner
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	SEALECTRO CORPORATION
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	E
Owner Name:	TOM JULIUS
Owner Company:	SEALECTRO CORPORATION
Owner Address:	18 GLENN ST.
Owner Addr2:	Not reported
Owner City,St,Zip:	N. WHITE PLAINS, NY 10603
Owner Country:	United States of America
Own Op:	On-Site Operator
Sub Type:	E
Owner Name:	Not reported
Owner Company:	Sealectro Corporation
Owner Address:	139 Hoyt Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Mamaroneck, NY 10543
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	139 Hoyt Street Associates - Northbrook Realty
Owner Address:	18 Glenn Street
Owner Addr2:	Not reported
Owner City,St,Zip:	White Plains, NY 10603
Owner Country:	United States of America
Own Op:	On-Site Operator
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Sealectro Corporation
Owner Address:	139 Hoyt Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Mamaroneck, NY 10543
Owner Country:	United States of America
HW Code:	360027
Waste Type:	1,2-DICHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	360027
Waste Type:	1,1,2-TRICHLORETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	360027
Waste Type:	1,1-DICHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	360027

SEALECTRO CORP (Continued) **1000131198**

Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360027
Waste Type: PERCHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360027
Waste Type: ELECTROPLATING WASTES (METALS, CYANIDES AND
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360027
Waste Type: {IGNITABLE (D001), REACTIVE (D003),
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360027
Waste Type: CHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360027
Waste Type: ETHYLIDENE DICHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360027
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 360027
Waste Type: {IGNITABLE (D001), REACTIVE (D003),
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9111482
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2010-03-24 16:10:00
Record Updated: 2010-03-24 16:10:00
Updated By: jbodee

CBS:
Name: ITT SEALECTRO INC
Address: 139 HOYT STREET
City,State,Zip: MAMARONECK, NY 10543
CBS Number: 3-000259
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 3
UTMX: 606209.08179
UTMY: 4534279.79226

Name: ITT SEALECTRO INC
Address: 139 HOYT STREET
City,State,Zip: MAMARONECK, NY 10543
CBS Number: 3-000271
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported

SEALECTRO CORP (Continued) **1000131198**

Dec Region: 3
UTMX: 606209.08179
UTMY: 4534279.79226

SPILLS:

Name:	ITT SEALECTRO INC
Address:	139 HOYT STREET
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9111482 / 2010-03-24
Facility ID:	9111482
Facility Type:	ER
DER Facility ID:	240954
Site ID:	297820
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	A3
SWIS:	6032
Spill Date:	1992-02-04
Investigator:	jbodee
Referred To:	HW 360027
Reported to Dept:	1992-02-04
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-12-02
Spill Record Last Update:	2010-03-24
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 3/24/10: This is former (deregulated) PBS 3-515442. Registration expired 21-Feb-96. Site is also former CBS 3-000259 and 3-000271. This property is currently being remediated under HW Remediation #360027 - J Schreyer is the current project manager. Refer to HWR - NFA Spills. jod "
Remarks:	"FUEL OIL WAS FOUND WHILE PERFORMING A REMEDIAL INVESTIGATION FOR SOME CHEMICAL SPILLED IN ANOTHER LOCATION THAT IS BEING HANDLED BY HSR DEC"

All Materials:

Site ID:	297820
Operable Unit ID:	965208
Operable Unit:	01
Material ID:	416518
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

SEALECTRO CORP (Continued) **1000131198**

Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

FINDS:

Registry ID: 110002092903

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000131198
Registry ID: 110002092903
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002092903

NY MANIFEST:

Name: ITT SEALECTRO
Address: 139 HOYT ST
City,State,Zip: MAMARONECK, NY 10543
Country: USA
EPA ID: NYD001604420
Facility Status: Not reported
Location Address 1: 139 HOYT STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip: 10543
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD001604420
Mailing Name: ITT SEALECTRO
Mailing Contact: J. BERRY

SEALECTRO CORP (Continued) **1000131198**

Mailing Address 1:	585 E. MAIN ST
Mailing Address 2:	Not reported
Mailing City:	NEW BRITAIN
Mailing State:	CT
Mailing Zip:	06051
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	0000000000

NY MANIFEST:

Document ID:	NJA5277509
Manifest Status:	Not reported
seq:	01
Year:	2006
Trans1 State ID:	NJD002454544
Trans2 State ID:	Not reported
Generator Ship Date:	04/28/2006
Trans1 Recv Date:	04/28/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/28/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001604420
Trans1 EPA ID:	2809
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002454544
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D043 - VINYL CHLORIDE 0.2 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01800
Units:	P - Pounds
Number of Containers:	006
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

SEALECTRO CORP (Continued) **1000131198**

NJ MANIFEST:

EPA Id:	NYD001604420
Mail Address:	Not reported
Mail City/State/Zip:	Not reported
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA5277509
EPA ID:	NYD001604420
Date Shipped:	04/28/2006
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NJD002454544
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/28/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/28/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06210621

SEALECTRO CORP (Continued) **1000131198**

Was Load Rejected: No
Reason Load Was Rejected: Not reported

VAPOR REOPENED:
Name: ITT SEALECTRO
Address: 139 HOYT STREET
City,State,Zip: MAMARONECK, NY
Site Code: 360027
Facility Status: Complete

196
SSE
1/4-1/2
0.323 mi.
1704 ft.

FOLEY HOME **NY LTANKS** **S106972144**
722 PROSPECT AVE **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
44 ft.

LTANKS:
Name: FOLEY HOME
Address: 722 PROSPECT AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0504006 / 2005-09-11
Facility ID: 0504006
Site ID: 348725
Spill Date: 2005-07-05
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: B4
Cleanup Ceased: Not reported
SWIS: 6032
Investigator: JBODee
Referred To: Not reported
Reported to Dept: 2005-07-05
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2005-07-05
Spill Record Last Update: 2005-09-11
Spiller Name: SHARON FOLEY
Spiller Company: FOLEY HOME
Spiller Address: 722 PROSPECT AVE
Spiller County: 001
Spiller Contact: SHARON FOLEY
Spiller Phone: (914) 769-2222
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 295157
DEC Memo: "July 6, 2005: TANK OWNER HAS CONTACTED NORTHEAST ENVIRONMENTAL BUT HAS NOT DECIDED ON A CONTRACTOR AS OF THIS TIME. jod September 11, 2005: NORTHEAST DISPOSED OF LUST AND 58.07 TONS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED

FOLEY HOME (Continued) **S106972144**

AT THIS TIME. jod"
Remarks: "ODOR OF HYDRO CARBONS DETECTED: RECOMMEND REMOVAL:"

All TTF:
Facility ID: 0504006
Spill Number: 0504006
Spill Tank Test: 1549040
Site ID: 348725
Tank Number: 1
Tank Size: 550
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 348725
Operable Unit ID: 1106375
Operable Unit: 01
Material ID: 1971297
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

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197 **APT COMPLEX** **NY LTANKS** **S112148816**
SE **412 MUNRO AVE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.323 mi.
1705 ft.

Relative:
Higher

Actual:
65 ft.

LTANKS:
Name: APT COMPLEX
Address: 412 MUNRO AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 1203153 / 2012-07-27
Facility ID: 1203153
Site ID: 465944
Spill Date: 2012-06-29
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6032
Investigator: jbodee
Referred To: Not reported

APT COMPLEX (Continued) **S112148816**

Reported to Dept:	2012-06-29
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2012-06-29
Spill Record Last Update:	2018-06-14
Spiller Name:	Not reported
Spiller Company:	TANK TEST FAILURE
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	JAMES WILSON @ RND SERVICES
Spiller Phone:	(845) 348-6355
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	420289
DEC Memo:	"6/29/12 TTF on 3K UST. WCHD PBS would be involved here. RND Construction is involved with site remediation. dw 7/27/12: Update received from WCDOH: Schneider, Wayne wts1@westchestergov.com 7/23/2012 9:21 AM 1203153: 412 Munro Ave, Mamaroneck- ttf 6/29. Retest passed 7/9. Manway gasket replaced *Based upon the information received, DEC requires no further action at this time. jod "
Remarks:	"air leak - repair/retest pending"

All Materials:

Site ID:	465944
Operable Unit ID:	1215957
Operable Unit:	01
Material ID:	2214119
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

198
SE
1/4-1/2
0.326 mi.
1723 ft.

SPILL NUMBER 9911175 **NY LTANKS** **S104620744**
46 HEATHCOTE RD **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
68 ft.

LTANKS:

Name:	SPILL NUMBER 9911175
Address:	46 HEATHCOTE RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9911175 / 2000-01-11
Facility ID:	9911175
Site ID:	269688
Spill Date:	1999-12-21
Spill Cause:	Tank Test Failure

SPILL NUMBER 9911175 (Continued) **S104620744**

Spill Source:	Private Dwelling
Spill Class:	D3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-12-21
CID:	388
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-12-21
Spill Record Last Update:	2000-01-18
Spiller Name:	MRS ACHERSON
Spiller Company:	ACHERSON RESIDENCE
Spiller Address:	46 HEATHCOTE
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	219631
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 01/11/2000 TANK PASSED RETEST; NFA."
Remarks:	"caller reports they tested tank and tank failed. will restest next week."

All TTF:

Facility ID:	9911175
Spill Number:	9911175
Spill Tank Test:	1547949
Site ID:	269688
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	269688
Operable Unit ID:	1085869
Operable Unit:	01
Material ID:	296643
Material Code:	0001A
Material Name:	#2 fuel oil

SPILL NUMBER 9911175 (Continued) **S104620744**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

199
East
1/4-1/2
0.332 mi.
1752 ft.

FORMER GAS STATION **NY LTANKS** **S101102330**
215 PALMER AVE. **N/A**
LARCHMONT, NY

Relative:
Higher

Actual:
44 ft.

LTANKS:

Name:	FORMER GAS STATION
Address:	215 PALMER AVE.
City,State,Zip:	LARCHMONT, NY
Spill Number/Closed Date:	9315082 / 1994-06-28
Facility ID:	9315082
Site ID:	222334
Spill Date:	1994-03-23
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	D3
Cleanup Ceased:	1994-06-28
SWIS:	6000
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1994-03-23
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1994-03-24
Spill Record Last Update:	1994-08-01
Spiller Name:	Not reported
Spiller Company:	EAGLE INVESTORS GROUP
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	183833
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 09/27/95: This is additional information about material spilled from the translation of the old spill file: TANK TEST."
Remarks:	"TANK BEING EMPTIED POSSIBLE REMOVAL YST 2000"

All TTF:

Facility ID:	9315082
Spill Number:	9315082
Spill Tank Test:	1542526

FORMER GAS STATION (Continued) **S101102330**

Site ID:	222334
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	222334
Operable Unit ID:	997019
Operable Unit:	01
Material ID:	386854
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

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200 ENE 1/4-1/2 0.336 mi. 1776 ft.

RESIDENTS
324 MOUNT PLEASANT AVE
MAMARONECK, NY

NY LTANKS **S104516830**
N/A

Relative: Higher

Actual: 31 ft.

LTANKS:

Name:	RESIDENTS
Address:	324 MOUNT PLEASANT AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9914393 / 2000-03-21
Facility ID:	9914393
Site ID:	125654
Spill Date:	2000-03-21
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	PJDECICC
Referred To:	Not reported
Reported to Dept:	2000-03-21
CID:	282
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False

RESIDENTS (Continued) **S104516830**

Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-03-21
Spill Record Last Update:	2000-03-24
Spiller Name:	ED ALLAN
Spiller Company:	ROBISON OIL
Spiller Address:	500 EXECUTIVE BLVD
Spiller County:	001
Spiller Contact:	MR LEPORE
Spiller Phone:	(914) 698-2308
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	108682
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DECICCO 03/21/2000 INFO CONFIRMED; NFA"
Remarks:	"DRIVER OVERFILLED THE TANK.SPILL WAS CLEANED UP"

All Materials:

Site ID:	125654
Operable Unit ID:	1092498
Operable Unit:	01
Material ID:	292677
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

AO201 **ARCESE - TTF** **NY LTANKS** **S116553739**
North **173 GRAND STREET** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.341 mi.
1798 ft. **Site 2 of 2 in cluster AO**

Relative:
Higher

Actual:
44 ft.

LTANKS:

Name:	ARCESE - TTF
Address:	173 GRAND STREET
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1311926 / 2014-07-21
Facility ID:	1311926
Site ID:	492861
Spill Date:	2014-03-21
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2014-03-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester

ARCESE - TTF (Continued) **S116553739**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-03-21
Spill Record Last Update:	2014-07-21
Spiller Name:	ROCA ARCESE
Spiller Company:	Arcese
Spiller Address:	173 GRAND STREET
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	447767
DEC Memo:	"3/21/14- Spoke to owner. She is elderly and was unaware of TTF. She stated property is For Sale. She will have her son call DEC back. DT 7/21/2014: Northeast Environmental removed and disposed of the UST. No evidence of a leak or of petroleum contamination was found. The Tank Closure report has been reviewed and will need to be entered into DecDocs system at a later date. Based upon information provided to DEC, no further action is required at this time. jod"
Remarks:	"failed tank test clean -up pending repairs"

All TTF:

Facility ID:	1311926
Spill Number:	1311926
Spill Tank Test:	2495224
Site ID:	492861
Tank Number:	1
Tank Size:	550
Material:	9999
EPA UST:	False
UST:	True
Cause:	06
Source:	03
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	JBODEE
Last Modified Date:	Not reported

All Materials:

Site ID:	492861
Operable Unit ID:	1242373
Operable Unit:	01
Material ID:	2242928
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

202
NE
1/4-1/2
0.347 mi.
1833 ft.

BP STATION / RAD OIL
540 MAMARONECK AVE
MAMARONECK, NY

NY LTANKS **S100781149**
NY Spills **N/A**

Relative:
Lower

Actual:
24 ft.

LTANKS:

Name:	NORTHVILLE S/S
Address:	540 MAMARONECK AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	8905557 / 1989-09-22
Facility ID:	8905557
Site ID:	316103
Spill Date:	1989-09-06
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	D3
Cleanup Ceased:	1989-09-22
SWIS:	6032
Investigator:	wxwadswo
Referred To:	Not reported
Reported to Dept:	1989-09-07
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-09-20
Spill Record Last Update:	2007-03-05
Spiller Name:	Not reported
Spiller Company:	NORTHVILLE S/S
Spiller Address:	119 JERSEY ST.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	262867
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was W. WADSWORTH 09/22/89: THE TANK PASSED THE RETEST ON 9/13/89. RESULTS RECEIVED ON 9/22/89 BY THIS OFFICE. SEE PBS FILES FOR MORE INFORMATION. "
Remarks:	"PETRO TITE, REGULAR UNLEADED, 8K, GROSS LEAK, EXCAVATE, MAMARONECK SAFETY DIVISION IS ON SCENE."

All TTF:

Facility ID:	8905557
Spill Number:	8905557
Spill Tank Test:	1535973
Site ID:	316103
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported

BP STATION / RAD OIL (Continued) **S100781149**

Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 316103
Operable Unit ID: 930752
Operable Unit: 01
Material ID: 445982
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: PB GAS STATION
Address: 540 MAMARONECK AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 9514718 / 2007-03-05
Facility ID: 9514718
Site ID: 326302
Spill Date: 1996-02-16
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6032
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1996-02-16
CID: 257
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1996-02-16
Spill Record Last Update: 2007-03-05
Spiller Name: PETER HUGHES
Spiller Company: PB GAS STATION
Spiller Address: 540 MAMARONECK AVE
Spiller County: 001
Spiller Contact: PETER HUGHES
Spiller Phone: (516) 678-1111
Spiller Extention: 420
DEC Region: 3
DER Facility ID: 262867
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was

BP STATION / RAD OIL (Continued) **S100781149**

GHIOSAY "
Remarks: ""

All Materials:
Site ID: 326302
Operable Unit ID: 1029262
Operable Unit: 01
Material ID: 354844
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: BP STATION / RAD OIL
Address: 540 MAMARONECK AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 9308730 / 2007-03-05
Facility ID: 9308730
Site ID: 83187
Spill Date: 1993-10-19
Spill Cause: Tank Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6032
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 1993-10-18
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 2003-12-02
Spill Record Last Update: 2007-03-05
Spiller Name: Not reported
Spiller Company: NORTHVILLE GASOLINE
Spiller Address: 35 PINELAWN ROAD
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 262867
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH See spill 91-02159. NFA this spill number. jod"
Remarks: "FOUND CONTAMINATED SOIL IN TANK PULL PREVIOUS SPILL AT SITE 9102159 NORTHVILLE WAYNE WADSWORTH IS AWARE OF SITE"

All TTF:

BP STATION / RAD OIL (Continued) **S100781149**

Facility ID:	9308730
Spill Number:	9308730
Spill Tank Test:	1542104
Site ID:	83187
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	83187
Operable Unit ID:	990267
Operable Unit:	01
Material ID:	391421
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	NORTHVILLE S/S
Address:	540 MAMARONECK AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9102159 / Not Reported
Facility ID:	9102159
Facility Type:	ER
DER Facility ID:	262867
Site ID:	83186
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	6032
Spill Date:	1991-05-22
Investigator:	mxtipple
Referred To:	Not reported
Reported to Dept:	1991-05-23
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

BP STATION / RAD OIL (Continued) **S100781149**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	5
Date Entered In Computer:	1991-05-28
Spill Record Last Update:	2018-04-04
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 6/2/09 3/17/08 mon report which showed data through 2007 indicated substantial contamination in at least one well (approx 15k); at dec request northville indicates that more recent mon report will be submitted before end of july-based on those results this site may be candidate for more work-report and emails are in edocs jh 1/25/2012 Left a message for Thomas Maus at ERM requesting an update on the current status. mt 1/27/12 Tom Maus will send recent site documentation for review./ mt 5/23/13 analytical data in E-doc's. mt 5/27/14 work plan approved to attempt reduce staggering contaminant concentrations. mt 8/30/2016 WP approved , calcium peroxide injections in MW's. see wp in D2. 2-9-17 phone call from NorthVille's att asking about 91-02158, pulled up this. No data submitted since MT's email of May 27, 2014. Needs to be addressed. RDB 6/28/17 Spoke with ERM, quarterly monitoring continues, annual report pending. mt 4/4/18 No data since 2016, call out to ERM for update, order to follow if non-responsive. mt"
Remarks:	"MONITORING WELL IN JAN 91 NO PRODUCT CHECKED IN MAY PRODUCT NO ACTION TAKEN WILL INVESTIGATE"

All Materials:

Site ID:	83186
Operable Unit ID:	953228
Operable Unit:	01
Material ID:	424682
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Site ID:	83186
Operable Unit ID:	953228
Operable Unit:	01
Material ID:	2096605
Material Code:	1213A
Material Name:	MTBE (methyl-tert-butyl ether)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

BP STATION / RAD OIL (Continued) **S100781149**

Name:	MAMARONECK AVE
Address:	540 MAMARONECK AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	8604504 / 1987-03-25
Facility ID:	8604504
Facility Type:	ER
DER Facility ID:	262867
Site ID:	326301
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	6032
Spill Date:	1986-10-14
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	1986-10-14
CID:	Not reported
Water Affected:	MAMARONECK RIVER
Spill Source:	Unknown
Spill Notifier:	Police Department
Cleanup Ceased:	1987-03-25
Cleanup Meets Std:	True
Last Inspection:	1987-03-25
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1986-10-16
Spill Record Last Update:	1987-03-25
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	""
Remarks:	""

All Materials:

Site ID:	326301
Operable Unit ID:	901627
Operable Unit:	01
Material ID:	477308
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

203
NE
1/4-1/2
0.349 mi.
1841 ft.

VARAMO RESIDENCE
614-616 MAMARANACK AVE
MAMARONECK, NY

NY LTANKS **S105995028**
N/A

Relative:
Lower

Actual:
21 ft.

LTANKS:

Name:	VARAMO RESIDENCE
Address:	614-616 MAMARANACK AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0110353 / 2005-02-04
Facility ID:	0110353
Site ID:	300096
Spill Date:	2002-01-28
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2002-01-28
CID:	390
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-01-28
Spill Record Last Update:	2005-02-04
Spiller Name:	LOU VARAMO
Spiller Company:	VARAMO RESIDENCE
Spiller Address:	614-616 MAMARANACK AV
Spiller County:	001
Spiller Contact:	LOU VARAMO
Spiller Phone:	(914) 241-3652
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	242756
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 2/4/05 j omara nfa letter 4/22/2002--close "
Remarks:	"TANK FAILED TEST - UNK PRODUCT SPILLAGE"

All TTF:

Facility ID:	0110353
Spill Number:	0110353
Spill Tank Test:	1526837
Site ID:	300096
Tank Number:	Not reported
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00

VARAMO RESIDENCE (Continued) **S105995028**

Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 300096
Operable Unit ID: 848832
Operable Unit: 01
Material ID: 527979
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AQ204 **REICH DWELLING** **NY LTANKS** **S109583730**
East **209 PROSPECT AVE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.364 mi.
1922 ft. **Site 1 of 2 in cluster AQ**

Relative:
Higher

Actual:
67 ft.

LTANKS:
Name: REICH DWELLING
Address: 209 PROSPECT AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0901705 / 2009-11-24
Facility ID: 0901705
Site ID: 413714
Spill Date: 2009-05-12
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6032
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2009-05-12
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2009-05-12
Spill Record Last Update: 2009-11-24
Spiller Name: Not reported
Spiller Company: REICH
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: DONNY REICH
Spiller Phone: (914) 260-2518

REICH DWELLING (Continued) **S109583730**

Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	362835
DEC Memo:	"5-12-09/10:35:V.Mc.^ Reich Res.: Left Mess.: Req.Callbk to Dispt. 5-12-09/10:55: Mr. D. Reich ^ Dispt./V.Mc.: CallBk: Owner is in London, Mr.D.R. is the realtor, likly to re-test, unsure of age of tank. House is 100 years+. Mr. D.R. to callBk with re-test results. 5/13/09 - Shane Kent stated American Petoleum will start conduct work on site tomorrow. KAB 5/14/09: Call from Shane Kent, owner currently lining in England. Tank is going to be removed by American Petroleum and a report will follow. jod 5/29/09: Tank was retested by United Tank Testing on May 22nd, 2009 - and passed retest. Letter received by DEC on May 29th. I left a message with United asking for a clarification on the report that American Petroleum was going to remove the tank. Reportedly, American excavated the top of the tank and found a corrosion hole in the vent pipe below grade. Tank was repiped and retested. Based upon passing retest, no further action is required at this time. jod"
Remarks:	"Test Failure------Tank will be repaired."

All Materials:

Site ID:	413714
Operable Unit ID:	1170126
Operable Unit:	01
Material ID:	2161842
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	550.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

AQ205 **REAL ESTATE - TTF** **NY LTANKS** **S117395088**
East **209 PROSPECT ST** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.364 mi.
1922 ft. **Site 2 of 2 in cluster AQ**

Relative: **Higher**
Actual: **67 ft.**

LTANKS:

Name:	REAL ESTATE - TTF
Address:	209 PROSPECT ST
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1405799 / 2014-12-06
Facility ID:	1405799
Site ID:	499243
Spill Date:	2014-08-27
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2014-08-28
CID:	Not reported

REAL ESTATE - TTF (Continued) **S117395088**

Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-08-28
Spill Record Last Update:	2014-12-06
Spiller Name:	Not reported
Spiller Company:	OWNER
Spiller Address:	209 PROSPECT ST
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	454189
DEC Memo:	"8-28-14 Spoke with Reed. This is a real estate transaction. They were working for potential buyer. They took soil boings along side of tank and sent off to lab based on field readings. jm 12/06/14: UST and 14.99 tons of contaminated soil removed. Exit samples from along foundation wall show contamination over CP-51 guidance remains. Closure Report from Barrier Environmental will be entered into D2/DecDocs system at a later date. Based upon the information provided, no further action is required at this time. jod"
Remarks:	"clean up pending"

All Materials:

Site ID:	499243
Operable Unit ID:	1248668
Operable Unit:	01
Material ID:	2250161
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

206
WSW
1/4-1/2
0.369 mi.
1949 ft.

SPILL NUMBER 9908042
805 ROCKLAND AVE
MAMARONECK, NY

NY LTANKS **S104620516**
N/A

Relative:
Higher

Actual:
55 ft.

LTANKS:

Name:	SPILL NUMBER 9908042
Address:	805 ROCKLAND AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9908042 / 2000-01-04
Facility ID:	9908042
Site ID:	221729
Spill Date:	1999-10-02
Spill Cause:	Tank Failure

SPILL NUMBER 9908042 (Continued) **S104620516**

Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-10-02
CID:	365
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-10-02
Spill Record Last Update:	2000-01-11
Spiller Name:	D. EBAMA
Spiller Company:	Not reported
Spiller Address:	805 ROCKLAND AV
Spiller County:	001
Spiller Contact:	D. EBAMA
Spiller Phone:	(973) 667-1786
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	183384
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 10/02/99 APPROXIMATELY 30 YARDS REMOVED. ADVISED NORTHEAST ENV. TO CONTACT TARRYTOWN REGARDING EXIT SAMPLING. 01/04/2000 NORTHEAST DISPOSED OF TANK AND 33.36 TONS OF CONTAMINATED SOIL. NFA"
Remarks:	"DURING A TANK PULL THIS MORNING THE CALLER DISCOVERED CONTAMINATED SOIL - THEY HAVE BEGUN TO EXCAVATE & STOCK PILE"

All Materials:

Site ID:	221729
Operable Unit ID:	1086714
Operable Unit:	01
Material ID:	300727
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

207
ENE
1/4-1/2
0.369 mi.
1950 ft.

COMMERCIAL PROPERTY
434 MAMARONECK AVE
MAMARONECK, NY

NY LTANKS **S109064343**
N/A

Relative:
Higher

Actual:
29 ft.

LTANKS:

Name:	COMMERCIAL PROPERTY
Address:	434 MAMARONECK AVE
City,State,Zip:	MAMARONECK, NY

COMMERCIAL PROPERTY (Continued) **S109064343**

Spill Number/Closed Date:	0801651 / 2008-08-04
Facility ID:	0801651
Site ID:	397630
Spill Date:	2008-05-12
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	WCHD
Referred To:	DANIELLE JACKSON
Reported to Dept:	2008-05-12
CID:	404
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-05-12
Spill Record Last Update:	2008-08-05
Spiller Name:	SALKENBERG
Spiller Company:	COMMERICAL
Spiller Address:	434 MAMARONECK AVE
Spiller County:	001
Spiller Contact:	SALKENBERG
Spiller Phone:	(914) 722-4688
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	347032
DEC Memo:	""
Remarks:	"tank gauge line failed the ullage portion of test;"

All TTF:

Facility ID:	0801651
Spill Number:	0801651
Spill Tank Test:	2486079
Site ID:	397630
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	99
Source:	99
Test Method:	20
Test Method 2:	USTest 2000/P/LL plus USTest 2000/U
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	397630
Operable Unit ID:	1154573
Operable Unit:	01

COMMERCIAL PROPERTY (Continued) **S109064343**

Material ID:	2145377
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

208
ENE
1/4-1/2
0.377 mi.
1992 ft.

SPILL NUMBER 9910492 **NY LTANKS** **S104620684**
123-129 HALSTEAD AVE **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
29 ft.

LTANKS:

Name:	SPILL NUMBER 9910492
Address:	123-129 HALSTEAD AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9910492 / 2000-02-08
Facility ID:	9910492
Site ID:	330699
Spill Date:	1999-12-02
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	1999-12-02
CID:	211
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-12-02
Spill Record Last Update:	2000-06-08
Spiller Name:	JIM LEDDY
Spiller Company:	Not reported
Spiller Address:	123-129 HALSTEAD AV
Spiller County:	001
Spiller Contact:	CARDUCCI,ANGELO
Spiller Phone:	(914) 698-2460
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	266003
DEC Memo:	""
Remarks:	"site is apt building"

All TTF:

Facility ID:	9910492
Spill Number:	9910492

SPILL NUMBER 9910492 (Continued) **S104620684**

Spill Tank Test:	1547897
Site ID:	330699
Tank Number:	1
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	330699
Operable Unit ID:	1085258
Operable Unit:	01
Material ID:	295975
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

209
NNE
1/4-1/2
0.379 mi.
1999 ft.

PRIVATE /STORE **NY LTANKS** **S108467718**
632 MAMARONECK AVE **N/A**
MAMARONECK, NY

Relative:
Lower

Actual:
19 ft.

LTANKS:

Name:	PRIVATE /STORE
Address:	632 MAMARONECK AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0612478 / 2012-08-17
Facility ID:	0612478
Site ID:	377343
Spill Date:	2007-02-15
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	2007-02-15
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported

PRIVATE /STORE (Continued) **S108467718**

Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2007-02-15
Spill Record Last Update:	2012-08-17
Spiller Name:	VELMA
Spiller Company:	PRIVATE /STORE
Spiller Address:	632 MANARMAK AVE
Spiller County:	001
Spiller Contact:	VELMA
Spiller Phone:	(914) 777-3450
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	326898
DEC Memo:	"8/2/10 Homeowner TTF JO'M 8/17/12 Homeomer TTF greater then 5 years old and no indications of contamination will be closed. This was done with consultations between Albany and the Region. NFA JO'M"
Remarks:	""

All TTF:

Facility ID:	0612478
Spill Number:	0612478
Spill Tank Test:	1550637
Site ID:	377343
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	377343
Operable Unit ID:	1134882
Operable Unit:	01
Material ID:	2124766
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

210
SE
1/4-1/2
0.383 mi.
2024 ft.

VILLAGE GARDENS
FENIMORE ROAD
MAMARONECK, NY

NY LTANKS **S100346557**
N/A

Relative:
Higher

Actual:
44 ft.

LTANKS:

Name:	VILLAGE GARDENS
Address:	FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	8901135 / 1990-05-15
Facility ID:	8901135
Site ID:	188218
Spill Date:	1989-05-04
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1990-05-15
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1989-05-04
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1989-05-09
Spill Record Last Update:	1992-04-14
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	196232
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TODD GHIOSAY / / : CLOSED N.F.A. "
Remarks:	"FREE PRODUCT IN STORM DRAIN. WCHD NOTIFIED - CALLED GIGLIO AND B. HORTON - NO ANSWER AND NOT AVAILABLE."

All TTF:

Facility ID:	8901135
Spill Number:	8901135
Spill Tank Test:	1535427
Site ID:	188218
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown

VILLAGE GARDENS (Continued) **S100346557**

Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 188218
Operable Unit ID: 927978
Operable Unit: 01
Material ID: 452443
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AR211 **RESIDENCE** **NY LTANKS** **S108466456**
NNE **723 OLD WHITE PLAINS** **NY Spills** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.385 mi.
2032 ft. **Site 1 of 2 in cluster AR**

Relative:
Lower

Actual:
20 ft.

LTANKS:
Name: +
Address: 723 OLD WHITE PLAINS ROAD
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0411036 / 2005-05-08
Facility ID: 0411036
Site ID: 336183
Spill Date: 2005-01-11
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6032
Investigator: JBODee
Referred To: Not reported
Reported to Dept: 2005-01-11
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2005-01-12
Spill Record Last Update: 2005-05-08
Spiller Name: TOM KENNETH
Spiller Company: RES
Spiller Address: 723 OLD WHITE PLAINS ROAD
Spiller County: 999
Spiller Contact: TOM KENNETH

RESIDENCE (Continued) **S108466456**

Spiller Phone:	(914) 906-8944
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	271516
DEC Memo:	"05/08/05 ROYAL ENVIRONMENTAL DISPOSED OF LUST AND 8.14 TONS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"RECOMMEND: BELOW LIQUID FAILURE:"

All TTF:

Facility ID:	0411036
Spill Number:	0411036
Spill Tank Test:	1548486
Site ID:	336183
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	JBODee
Last Modified Date:	Not reported

All Materials:

Site ID:	336183
Operable Unit ID:	1098229
Operable Unit:	01
Material ID:	578400
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	RESIDENCE
Address:	723 OLD WHITE PLAINS
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0613047 / 2007-06-07
Facility ID:	0613047
Facility Type:	ER
DER Facility ID:	327557
Site ID:	378007
DEC Region:	3
Spill Cause:	Other
Spill Class:	C3
SWIS:	6032
Spill Date:	2007-03-03

RESIDENCE (Continued) **S108466456**

Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2007-03-05
CID:	444
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Health Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-03-05
Spill Record Last Update:	2007-08-29
Spiller Name:	CARLOS TORRES
Spiller Company:	Not reported
Spiller Address:	723 OLD WHITE PLAINS
Spiller Company:	001
Contact Name:	CARLOS TORRES
DEC Memo:	""
Remarks:	"DUE TO FLOODING : HANDLED BY ELITE ENVIROMENTAL"

All Materials:

Site ID:	378007
Operable Unit ID:	1135522
Operable Unit:	01
Material ID:	2125433
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	8.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

212
NE
1/4-1/2
0.387 mi.
2042 ft.

RESIDENCE
572 VAN RANST PLACE
MAMARONECK, NY

NY LTANKS **S106123908**
N/A

Relative:
Lower

Actual:
20 ft.

LTANKS:

Name:	RESIDENCE
Address:	572 VAN RANST PLACE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0311244 / 2004-05-18
Facility ID:	0311244
Site ID:	243332
Spill Date:	2004-01-05
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee

RESIDENCE (Continued) **S106123908**

Referred To:	Not reported
Reported to Dept:	2004-01-05
CID:	404
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-01-05
Spill Record Last Update:	2004-05-18
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	MR WATSON
Spiller Phone:	(914) 698-4058
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	199869
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 01/05/04: Per Jamie at Northeast. 550 u/g being removed, soil contamination encountered, holes in tank. Waiting for approval to continue cleanup. 05/18/04 NORTHEAST DISPOSED OF LUST AND 80.41 TONS OF CONTAMINATED SOIL. BASED UPON INFORMATION SUBMITTED TO DEC, NO FURTHER ACTION IS REQUIRED. jbo"
Remarks:	"DURING A TANK REMOVAL FOUND TANK TO BE RUPTURED. MATERIAL WILL BE STOCKPILED. "

All Materials:

Site ID:	243332
Operable Unit ID:	878941
Operable Unit:	01
Material ID:	500068
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

213
SSW
1/4-1/2
0.392 mi.
2069 ft.

WELL #12 & WELL #5
808 PALMER AVE
MAMARONECK, NY

NY LTANKS **S102106942**
NY Spills **N/A**

Relative:
Higher

Actual:
37 ft.

LTANKS:

Name:	TANK TEST FAILURE
Address:	808 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1010441 / 2018-03-21
Facility ID:	1010441
Site ID:	444045

WELL #12 & WELL #5 (Continued) **S102106942**

Spill Date:	2011-01-06
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	KABROWNE
Referred To:	WCHD
Reported to Dept:	2011-01-06
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2011-01-06
Spill Record Last Update:	2018-03-21
Spiller Name:	Not reported
Spiller Company:	EXXON MOBIL
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	KIRK GOOD
Spiller Phone:	610 593 4790
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	112480
DEC Memo:	"Spoke to Kirk Good of ExxonMobil. Doublewall u/g waste oil tank. Interstitial space had product this past weekend. Tank was emptied and then tested today. Outside/interstitial passed test. Internal/main tank failed; suspect top fitting issue. Will check fittings and retest. DT 1/6/11"
Remarks:	"tank test failure"

All Materials:

Site ID:	444045
Operable Unit ID:	1194491
Operable Unit:	01
Material ID:	2190317
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

SPILLS:

Name:	MOBIL SITE 11331
Address:	808 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1010282 / 2018-03-21
Facility ID:	1010282
Facility Type:	ER

WELL #12 & WELL #5 (Continued) **S102106942**

DER Facility ID:	112480
Site ID:	443879
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	6032
Spill Date:	2011-01-02
Investigator:	KABROWNE
Referred To:	Not reported
Reported to Dept:	2011-01-02
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-01-02
Spill Record Last Update:	2018-03-21
Spiller Name:	Not reported
Spiller Company:	MOBIL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	KAREEM
DEC Memo:	"01/02/11: American Petroleum investigating cause of the spill at this time, will update DEC later today. Also see open spills 1008787, 1008726, and 8810062 at this station. This is PBS facility 3-048844. WCDOH notified and will send an inspector tomorrow. jod 6-24-13 requested FIR RDB 4-7-15 site transferred to KAB 3/21/18 The property has had groundwater monitoring program from 1993 to 2017 of combination of 24 monitoring wells. Over the course of 24 years there have been several remedial activities on the property; groundwater extraction system using 2 recovery well, air sparging system using 4 sparge wells, high intensity targeted vacuum events using a vac truck on wells and various excavation activities. Four monitoring wells sampling results have levels of petroleum constituents greater than the NYS groundwater standards. These levels are expected to decrease to below standards or no detect, since the contamination source have been removed. The contamination is contained within the bounders of the property. There are no significant impacts from the spill. NFA. KAB"
Remarks:	"leak to outer wall of tank - contained - cleanup in progress"

All Materials:

Site ID:	443879
Operable Unit ID:	1194327
Operable Unit:	01
Material ID:	2190090
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported

WELL #12 & WELL #5 (Continued) **S102106942**

Oxygenate:	Not reported
Name:	WELL #12 & WELL #5
Address:	808 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0402431 / 2004-06-10
Facility ID:	0402431
Facility Type:	ER
DER Facility ID:	112480
Site ID:	130536
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	6032
Spill Date:	2004-06-04
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2004-06-04
CID:	407
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-06-04
Spill Record Last Update:	2004-08-17
Spiller Name:	RICH CICCOTELLI
Spiller Company:	EXXON MOBIL
Spiller Address:	808 PALMER AVE
Spiller Company:	001
Contact Name:	DANIEL BROWN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-BADOLATO 06/09/04 RELATED TO SPILL 88-10062, BUT SAMPLE RESULTS NOW SHOW ETHANOL SO THIS APPEARS TO BE A NEW RELEASE. jbo 06/10/04 BEING HANDLED BY JIM HARDY UNDER SPILL 88-10062. THIS SPILL NUMBER CLOSED BY THE WESTCHESTER COUNTY HEALTH DEPT. jbo"
Remarks:	"Well 12 Contamination of 1 in 32 ppb Ethonol in ground water. Well 5 Contamination of 1 in 614 ppb Ethonol in ground water. "
Name:	MOBIL S/S # 06-ECR
Address:	808 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	8810062 / 2018-03-21
Facility ID:	8810062
Facility Type:	ER
DER Facility ID:	461089
Site ID:	130537
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	6030
Spill Date:	1989-03-29

WELL #12 & WELL #5 (Continued) **S102106942**

Investigator:	KABROWNE
Referred To:	Not reported
Reported to Dept:	1989-03-29
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1989-04-05
Spill Record Last Update:	2018-03-21
Spiller Name:	Not reported
Spiller Company:	MOBIL CORP
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was HARDY 05/10/2001 LETTER SENT TO EXXONMOBIL BY J. HARDY; MAKE CERTAIN NEXT QUARTERLY REPORT INCLUDES RESULTS OF ALL MW'S. 06/14/2001 LETTER SENT TO EXXONMOBIL BY J. HARDY; PROPOSE A REMEDIAL ACTION PLAN. 07/18/03: Letter to Eric Harvey, Groundwater Env. Svcs. from J. Hardy, Continue high intensity vacuum events and quarterly sampling. Report semi-annually. 06/09/04 ALSO SEE SPILL 04-02431. SAMPLE RESULTS SHOW ETHANOL CONTAMINATION IN MONITORING WELLS. APPEARS TO BE A NEW RELEASE AT THE SAME SITE. WCHD TO CONDUCT A PBS INSPECTION. jbo 5/19/09 dec 08 semi annual showed very low levels in all wells; next semi should be submitted soon--maybe candidate for closure jh 5/28/09 ges notified dec that they will be pilot testing surfactant injection next week; jh asked for workplan 7/20/09 low across site except mw 12 which had a spike to about 12k btex; surfactant injection completed in beginning of June and will be reported separately; can consider future course of action at that time jh 8/7/09 ges submitted surfactant report; jh returned questions. report and email in edocs jh 10/30/09 ges called and emailed that they encountered soil with pid reading of around 900ppb while clearing for a boring at this site. At this time they dont believe it is a new release and there are no new impacts known. by phone and email dec agree that the old spill number can be use for now unless new data suggests a new release. emails in edocs jh 1/27/10 jan 18 samr shows levels fluctuating but still substantial in couple of wells; jh 1/27/10 email to ges requiring rap within 30 days jh 2/2/10 ges email that they are working to get site access for offsite investigation jh 3/5/10 ges submitted samr whicn was reviewed last part of march; contamination levels approximately the same; off site investigation planned jh 3/22/10 workplan calling for 3 off site wells submitted; wells to be installed on nursing home property on the other side of Palmer ave to see if contamination has migrated to that property jh 5/7/10 DEC approved 3/22 workplan jh 7/12/10 ges provides status of access agreemnt jh 11/19/10: GES on site for quarterly GW sampling of monitorings wells. GES found between 0.01 to 0.1 inches of free product in five of the wells - reported as Spill 1008726. GES personel on site at this time bailing the wells, will install sorbant socks. Kevin Bradley of GES states one of the dispensers is not

WELL #12 & WELL #5 (Continued) **S102106942**

working and employees of the station do not know why. jod See Spill # 1008726. 3-15 reports submitted December 2014 RDB 4-7-15 transfer to KB met with GES RDB 11/9/15 - The 3rd quarter monitoring report showed on monitoring well with elevated levels of BTEX. I would recommend additional monitoring of that well. The RP had conducted the DEC and stated it has additional information on the site. Awaiting the additional information before a decision will be made. KAB 2-26-16 Met with GES to review Site. DEC recommends a well closure schedule for ND wells. Continue a quarterly sampling at a targeted well schedule. ghp 5/4/16 - Reviewed the 1st quarter 2016 monitoring report. Monitoring well MW-5 was sampled twice. After purging the a sample was collected and had BTEX results of 417 ppb. The well was allow to partially recharge after two hours and then resampled. The BTEX results was 2,824 ppb. GES to use low flow purge technique for the second quarter sampling. KAB 12-15-16 DEC to review NFA after two additional rounds of low flow sampling with overall negative trend.GES to address DEC concerns regarding drawdown stabilization.GES requests that the number of wells sampled quarterly be reduced from 19 to 9 including: MW-17, 18, 19 (downgradient across Palmer Ave.) MW-1, 3, 5 and 12 (downgradient side of the site) MW-10A and MW-11 (up-gradient side of site)GHP 3/21/18 The property has had groundwater monitoring program from 1993 to 2017 of combination of 24 monitoring wells. Over the course of 24 years there have been several remedial activities on the property; groundwater extraction system using 2 recovery well, air sparging system using 4 sparge wells, high intensity targeted vacuum events using a vac truck on wells and various excavation activities. Four monitoring wells sampling results have levels of petroleum constituents greater than the NYS groundwater standards. These levels are expected to decrease to below standards or no detect, since the contamination source have been removed. The contamination is contained within the bounders of the property. There are no significant impacts from the spill. NFA. KAB"

Remarks: "2 RECOVERY WELLS PUMPING TO AIR STRIPPER. DISCHARGE TO SANITARY SEWER"

All Materials:

Site ID:	130537
Operable Unit ID:	926109
Operable Unit:	01
Material ID:	451241
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	395.00
Oxygenate:	Not reported

Name:	MOBIL S/S
Address:	808 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9312401 / 2004-06-08
Facility ID:	9312401
Facility Type:	ER
DER Facility ID:	112480
Site ID:	130538

WELL #12 & WELL #5 (Continued) **S102106942**

DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	6032
Spill Date:	1994-01-21
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1994-01-21
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1994-01-25
Spill Record Last Update:	2004-06-08
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 06/08/04 REFER TO SPILL 88-10062. NFA THIS NUMBER. jbo"
Remarks:	"MW ON SITE WATER CAME OUT WELL CONTRACTOR NOTIFIED LEAK DETECTOR SOUNDED WCHD NOTIFIED REFER TO PBS"

All Materials:

Site ID:	130538
Operable Unit ID:	994417
Operable Unit:	01
Material ID:	391379
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	True

Site ID:	130538
Operable Unit ID:	994417
Operable Unit:	01
Material ID:	573084
Material Code:	1213A
Material Name:	MTBE (methyl-tert-butyl ether)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	True

WELL #12 & WELL #5 (Continued) **S102106942**

Name:	MOBIL S/S
Address:	808 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9312691 / 1994-02-07
Facility ID:	9312691
Facility Type:	ER
DER Facility ID:	112480
Site ID:	130539
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6032
Spill Date:	1994-01-28
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1994-01-28
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	1994-02-07
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1994-02-07
Spill Record Last Update:	2004-06-08
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH "
Remarks:	"ALARM WENT OFF MAYBE FROM WATER LEAK MAINTENANCE TO INVESTIGATE SAME AS SPILL # 9312401 WCHD NOTIFIED OF SPILL REFER TO PBS"

All Materials:

Site ID:	130539
Operable Unit ID:	991321
Operable Unit:	01
Material ID:	388107
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	EXXON MOBIL #11331
Address:	808 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0506536 / 2006-01-26
Facility ID:	0506536

WELL #12 & WELL #5 (Continued) **S102106942**

Facility Type:	ER
DER Facility ID:	112480
Site ID:	351769
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	6032
Spill Date:	2005-08-26
Investigator:	WCHD
Referred To:	WCDOH
Reported to Dept:	2005-08-26
CID:	409
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-08-26
Spill Record Last Update:	2007-03-21
Spiller Name:	KEN DRAKE
Spiller Company:	EXON MOBILE#11331
Spiller Address:	808 PALMER AVE
Spiller Company:	001
Contact Name:	KEN DRAKE
DEC Memo:	"1/26/05 minimal contamination after lift removal==close"
Remarks:	"IMPACT TO SOIL AND IS BEING EXCAVATED.THEY ARTE REOMVING A HYDROLIC LIFT FROM THE AREA AND THE LIFT LEAKED THE OIL ONTO THE SOIL"

All Materials:

Site ID:	351769
Operable Unit ID:	1109274
Operable Unit:	01
Material ID:	2099268
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name:	GAS STATION
Address:	808 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1008787 / 2018-03-21
Facility ID:	1008787
Facility Type:	ER
DER Facility ID:	112480
Site ID:	442306
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B3

WELL #12 & WELL #5 (Continued) **S102106942**

SWIS:	6032
Spill Date:	2010-11-19
Investigator:	KABROWNE
Referred To:	Not reported
Reported to Dept:	2010-11-22
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Tank Tester
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-11-22
Spill Record Last Update:	2018-03-21
Spiller Name:	Not reported
Spiller Company:	EXXON MOBIL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CARRIE
DEC Memo:	"11/22/10: Tank test failure at PBS 3-048844. Test performed as a follow up to Spill 1008726 reported three days ago for free product in monitoring wells. The wells were being sampled as part of the remediation for Spill 8810062. Joe Mancicni from WCDOH PBS contacted me from the site. He reports the failure was due to a flex line connector on the top of the super-unleaded tank. That line/dispenser has been shut down at this time. The inventory reconciliation was beginning to show a loss starting last week; that was gradually getting worse. Health Dept will follow up with this new release. jod 9/27/12 As per WCDOH Joe Mancini to contact Pete DeCicco and come up with a plan? I will put Joe in as lead for 1008787 for now.JO'M 4-7-15 KAB lead for this site and all open spills at it 3/21/18 The property has had groundwater monitoring program from 1993 to 2017 of combination of 24 monitoring wells. Over the course of 24 years there have been several remedial activities on the property; groundwater extraction system using 2 recovery well, air sparging system using 4 sparge wells, high intensity targeted vacuum events using a vac truck on wells and various excavation activities. Four monitoring wells sampling results have levels of petroleum constituents greater than the NYS groundwater standards. These levels are expected to decrease to below standards or no detect, since the contamination source have been removed. The contamination is contained within the bounders of the property. There are no significant impacts from the spill. NFA. KAB"
Remarks:	"Caller advised gas line leaking into soil from exxon gas station #11331. Clean up is pending."

All Materials:

Site ID:	442306
Operable Unit ID:	1192816
Operable Unit:	01
Material ID:	2188160
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum

WELL #12 & WELL #5 (Continued) **S102106942**

Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	MOBIL STATION 17ECR
Address:	808 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1008726 / 2018-03-21
Facility ID:	1008726
Facility Type:	ER
DER Facility ID:	112480
Site ID:	442233
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	6032
Spill Date:	2010-11-19
Investigator:	KABROWNE
Referred To:	Not reported
Reported to Dept:	2010-11-19
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	2010-11-19
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-11-19
Spill Record Last Update:	2018-03-21
Spiller Name:	Not reported
Spiller Company:	MOBIL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	KEVIN BRADLEY
DEC Memo:	"11/19/10: Kevin Bradley reports GES was on site to conduct quarterly ground water sampling from the monitoring wells. Open spill for this facility is 8810062, PBS 3-048844. GES found between 0.001 and 0.1 inches of free product in five of the wells. One of the dispensers is not working and station staff do not know why. GES is currently bailing the wells and will install sorbent socks. Exxo Mobil Maintenance staff has been notified. 11/19/10 12:10pm Kevin Bradley from GES reported that no product was detected in these five wells during the last quarterly sampling, so this is a new event. He went on to say that the lines were tested on Wed 1/17. Island Pump and Tank reported that two lines passed and one test was inconclusive for the third line. A retest is scheduled for Monday 11/22 on that line. TG Product found in the following wells: MW-6 0.1' MW-7 0.09' MW-8 0.1' MW-11 0.1' MW-13 0.01' 11/19/10 3:15pm Kevin Bradley reported that ExxonMobil has sent a contractor blow out the line and close the premium pumps for the weekend. Further equipment inspections planned for Monday 11/22/10. TG 11/22/10: Tanks tested by Island Pump & Tank this morning. Super unleaded tank failed, reported as Spill 1008787.

WELL #12 & WELL #5 (Continued) **S102106942**

Joe Mancini of WCDOH reports the failure was from a flex line connector on the top of the tank. Inventory reconciliation was beginning to show a loss starting last week. jod Line repaired and retested. Passing result in eDocs. This site same as historical spill # 8810062. Plan for investigation of impact from this spill expected shortly. Report on interim measures of product bailing and vacuuming shows no product detections since DEC 2010. PJD Report rec'd June 17 2011. No recurrence of product. Stip agreement to be sent to CPD refering to both this spill # and 8810062. PJD June 2011 See up to date eDocs for approved workplans and reports of subsurface and remedial investigations from 2011 into 2013. Pilot testing of vapor/water extraction and air sparge technologies was found to be successful. Groundwater contaminants also began to show declining trends during this period. Remediation was determined to be needed, however, as an alternative to systems operation, a proposal was made to conduct periodic remedial events with mobile equipment. Such a plan was approved by DEC in June of 2013, implemented in late 2013 and in 2014 additional mobile events are planned. In addition, a plan to conduct subsurface investigation on a property across Palmer Ave. was approved after the property owner has now indicated a willingness to grant access after denying it for years. PJD March 2014. 3-15 reports submitted December 2014 RDB 4-7-15 transfer to KB met with GES RDB 11/9/15 - The 3rd quarter monitoring report showed on monitoring well with elevated levels of BTEX. I would recommend additional monitoring of that well. The RP had conducted the DEC and stated it has additional information on the site. Awaiting the additional information before a decision will be made. KAB 5/4/16 - Reviewed the 1st quarter 2016 monitoring report. Monitoring well MW-5 was sampled twice. After purging the a sample was collected and had BTEX results of 417 ppb. The well was allow to partially recharge after two hours and then resampled. The BTEX results was 2,824 ppb. GES to use low flow purge technique for the second quarter sampling. KAB 12-15-16 DEC to review NFA after two additional rounds of low flow sampling with overall negative trend. GES to address DEC concerns regarding drawdown stabilization. GES requests that the number of wells sampled quarterly be reduced from 19 to 9 including: MW-17, 18, 19 (downgradient across Palmer Ave.) MW-1, 3, 5 and 12 (downgradient side of the site) MW-10A and MW-11 (up-gradient side of site)GHP 3/21/18 The property has had groundwater monitoring program from 1993 to 2017 of combination of 24 monitoring wells. Over the course of 24 years there have been several remedial activities on the property; groundwater extraction system using 2 recovery well, air sparging system using 4 sparge wells, high intensity targeted vacuum events using a vac truck on wells and various excavation activities. Four monitoring wells sampling results have levels of petroleum constituents greater than the NYS groundwater standards. These levels are expected to decrease to below standards or no detect, since the contamination source have been removed. The contamination is contained within the bounders of the property. There are no significant impacts from the spill. NFA. KAB"

Remarks: "FOUND PRODUCT IN 5 MONITORING WELLS, CLEANUP PENDING."

All Materials:

Site ID: 442233
Operable Unit ID: 1192755
Operable Unit: 01
Material ID: 2188092
Material Code: 0009

WELL #12 & WELL #5 (Continued) **S102106942**

Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

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214 SHELDRAKE RIVER **NY LTANKS S102109086**
ESE 169 MOUNT PLEASANT **NY Spills N/A**
1/4-1/2 MAMARONECK, NY
0.393 mi.
2073 ft.

Relative: Higher

Actual: 62 ft.

LTANKS:

Name:	VILLAGE OF MAMARONECK PD
Address:	169 MOUNT PLEASANT AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9815561 / 2006-02-28
Facility ID:	9815561
Site ID:	181859
Spill Date:	1999-03-31
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	1999-03-31
CID:	205
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-03-31
Spill Record Last Update:	2006-02-28
Spiller Name:	Not reported
Spiller Company:	VILLAGE OF MAMARONECK PD
Spiller Address:	169 MT PLESANT AVE
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	152481
DEC Memo:	"ROYAL ENVIRONMENTAL REMOVED TANK AND COMPLETED CLEAN UP. NO CLOSURE REPORT SUBMITTED. nfa AT THIS TIME. jod"
Remarks:	"CALLER PULLED TANK AND FOUND CONTAMINATION."

All Materials:

Site ID:	181859
Operable Unit ID:	1076602
Operable Unit:	01

SHELDRAKE RIVER (Continued) **S102109086**

Material ID: 308667
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: SHELDRAKE RIVER
Address: 169 MOUNT PLEASANT
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 9311038 / 1994-01-05
Facility ID: 9311038
Facility Type: ER
DER Facility ID: 223639
Site ID: 275018
DEC Region: 3
Spill Cause: Unknown
Spill Class: C3
SWIS: 6032
Spill Date: 1993-12-11
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1993-12-11
CID: Not reported
Water Affected: SHELDRAKE RIVER
Spill Source: Unknown
Spill Notifier: Local Agency
Cleanup Ceased: 1994-01-05
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1994-01-05
Spill Record Last Update: 2006-02-28
Spiller Name: Not reported
Spiller Company: MAMARONECK DPW
Spiller Address: 313 FAYETTE ST
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "FIRE DEPT. INVESTIGATION ORIGINATING AT OUTFALL FROM STORM SEWER APPEARS TO BE FUEL OIL POSSIBLE SOURCE FENIMORE ROAD INDUSTRIAL PARK WCHD INVEST. 12/12 SOURCE LOCATED MAMAR.DPW GARAGE LUZON HIRED"

All Materials:
Site ID: 275018
Operable Unit ID: 992918
Operable Unit: 01
Material ID: 390098
Material Code: 0066A

SHELDRAKE RIVER (Continued) **S102109086**

Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

AR215 **RESIDENCE** **NY LTANKS** **S105135563**
NNE **741 OLD WHITE PLAINS RD** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.399 mi.
2108 ft. **Site 2 of 2 in cluster AR**

Relative: **Lower**
Actual: **21 ft.**

LTANKS:

Name:	RESIDENCE
Address:	741 OLD WHITE PLAINS RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0106729 / 2007-06-19
Facility ID:	0106729
Site ID:	214486
Spill Date:	2001-09-27
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	WESTCHESTER CNTY HEALTH DEPT
Reported to Dept:	2001-09-27
CID:	389
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	2004-04-01
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-09-27
Spill Record Last Update:	2013-07-03
Spiller Name:	Not reported
Spiller Company:	RESIDENCE
Spiller Address:	741 OLD WHITE PLAINS RD
Spiller County:	001
Spiller Contact:	GILL BERMAN
Spiller Phone:	(914) 472-8779
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	177717
DEC Memo:	"04/15/03: Letter to Gil Bergman from Karen Magnuson, dated 4/4/2003. Closure report from National Env. Specialists has been reviewed. Groundwater has been impacted. WCHD requires groundwater samples be taken from monitoring wells on site. Report to be submitted to WCHD within 60 days then quarterly for no less then one year. 4/1/04: Letter to Gil Bergman from Karen Magnuson, WCDOH, dated 29Mar2004. Groundwater sampling results have been reviewed. Results satisfactory. WCDOH recommends NFA at this time. 6/19/2007: Closure

RESIDENCE (Continued) **S105135563**

report reviewed by DEC. Based upon information provided, No Further Action is required at this time. Spill is currently listed as closed.
jod 7/03/13: Original spill report scanned into EDocs and then discarded. jod"

Remarks: "CALLER WAS REMOVING AN OIL TANK AND FOUND HOLES IN THE TANK MATERIAL IS IN THE PROCESS OF BEING CLEANED UP NO CALLBACK"

All Materials:

Site ID:	214486
Operable Unit ID:	843804
Operable Unit:	01
Material ID:	531582
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AS216 **TOWNHOUSES** **NY LTANKS** **S105999868**
SE **101-147 FENIMORE ROAD** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.406 mi.
2144 ft. **Site 1 of 2 in cluster AS**

Relative: **Higher**

Actual: **36 ft.**

LTANKS:

Name:	TOWNHOUSES
Address:	101-147 FENIMORE ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0306213 / 2003-12-12
Facility ID:	0306213
Site ID:	290999
Spill Date:	2003-09-11
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2003-09-11
CID:	282
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-09-11
Spill Record Last Update:	2003-12-12
Spiller Name:	LINDA BERGER
Spiller Company:	GRAMATAN MANAGEMENT
Spiller Address:	2 HAMILTON AVE
Spiller County:	001

TOWNHOUSES (Continued) **S105999868**

Spiller Contact:	PAUL SCORZELLI
Spiller Phone:	(914) 946-4300
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	235631
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-JACKSON 12/12/03 TANK PASSED RETEST. CLOSED BY WCHD."
Remarks:	"TANK FAILED THE TEST."

All TTF:

Facility ID:	0306213
Spill Number:	0306213
Spill Tank Test:	1528666
Site ID:	290999
Tank Number:	1
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	290999
Operable Unit ID:	874792
Operable Unit:	01
Material ID:	503450
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AS217 **SPILL NUMBER 9814970** **NY LTANKS** **S104620047**
SE **101-47 FENIMORE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.406 mi.
2144 ft. **Site 2 of 2 in cluster AS**

Relative:
Higher

Actual:
36 ft.

LTANKS:

Name:	SPILL NUMBER 9814970
Address:	101-47 FENIMORE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9814970 / 2000-12-10
Facility ID:	9814970
Site ID:	299884
Spill Date:	1999-03-17
Spill Cause:	Tank Overfill

SPILL NUMBER 9814970 (Continued) **S104620047**

Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-03-17
CID:	257
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-03-17
Spill Record Last Update:	2000-12-21
Spiller Name:	BILL WRIGHT
Spiller Company:	GRAMATAN MGMT. CO.
Spiller Address:	101-47 FENIMORE
Spiller County:	001
Spiller Contact:	ANTHONY LARA
Spiller Phone:	(718) 624-4842
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	242594
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 03/17/99 REMOVING CONTAMINATED SOIL AROUND FILL PORTS FOR 2 TANKS ON PROPERTY. 9 DRUMS OF MATERIAL REMOVED SO FAR. U/G TANKS ARE UPHILL FROM REMOTE FILLS -- APPEARS CHECK VALVE OR BALL VALVE IS MALFUNCTIONING. 12/10/00 CLEANUP COMPLETE. ERM WAS OVERSITE. NO FURTHER ACTION. "
Remarks:	"CALLER FOUND CONTAMINATED SOIL WHILE DOING SOME OTHER WORK"

All Materials:

Site ID:	299884
Operable Unit ID:	1075992
Operable Unit:	01
Material ID:	311641
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AT218 **JEWISH HOME & HOSP** **NY LTANKS** **S102399202**
SSW **845 PALMER AVE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.420 mi.
2220 ft. **Site 1 of 2 in cluster AT**

Relative:
Higher

Actual:
37 ft.

LTANKS:

Name:	JEWISH HOME & HOSP
Address:	845 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0710591 / 2008-06-10
Facility ID:	0710591
Site ID:	391901
Spill Date:	2008-01-07
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	WCHD
Referred To:	JACKSON
Reported to Dept:	2008-01-07
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-01-07
Spill Record Last Update:	2008-06-10
Spiller Name:	SHANIQUA
Spiller Company:	JEWISH HOME & HOSP
Spiller Address:	845 PALMER AVE
Spiller County:	001
Spiller Contact:	SHANIQUA
Spiller Phone:	(914) 688-6005
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	219322
DEC Memo:	"Spoke with Bob Urban. They are proposing to the RP to E, I & R. 06/10/08 845 Palmer Ave, Mamaroneck - repaired Interstitial port and retested and passed, NFA Danielle Jackson - WCHD "
Remarks:	"DRY LEAK"

All TTF:

Facility ID:	0710591
Spill Number:	0710591
Spill Tank Test:	2384434
Site ID:	391901
Tank Number:	Not reported
Tank Size:	10000
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II

JEWISH HOME & HOSP (Continued) **S102399202**

Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	391901
Operable Unit ID:	1148934
Operable Unit:	01
Material ID:	2139428
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	SARAH NEWMAN NURSING HOME
Address:	845 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9607339 / 2013-01-17
Facility ID:	9607339
Site ID:	269267
Spill Date:	1996-09-10
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	1996-09-10
CID:	312
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-09-10
Spill Record Last Update:	2013-01-17
Spiller Name:	GEORGE MALDANATTO
Spiller Company:	SARAH NEWMAN NURSING HOME
Spiller Address:	845 PALMER AVE
Spiller County:	001
Spiller Contact:	GEORGE MALDANATTO
Spiller Phone:	(914) 777-6041
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	219322
DEC Memo:	"09/10/96 SOIL BOORING APPROX. 25' FROM TANK FOR NEW BUILDING OK N/D; TANK TO BE ISOLATED & RETESTED 8/3/10 need status update JO'M. 12/14/12 Jeff Philips, the current Director of Plant operations

JEWISH HOME & HOSP (Continued) **S102399202**

called about the open spill. He stated that the tank was closed in place but doesn't know if it passed a retest firt or if addtional soil borings were completed. He is searching through old records and will call again when that is completed. TG 01/16/13 Information submitted indicating that the 20 k tank was removed by A.L. Eastmond. NFA. TG"

Remarks: "no spill noted"

All TTF:

Facility ID:	9607339
Spill Number:	9607339
Spill Tank Test:	1544740
Site ID:	269267
Tank Number:	Not reported
Tank Size:	500
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

Facility ID:	9607339
Spill Number:	9607339
Spill Tank Test:	1544741
Site ID:	269267
Tank Number:	snf
Tank Size:	20000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

AT219 **SIR NEWMAN NURING HOME** **NY LTANKS** **S100140234**
SSW **845 PALNER AVE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.420 mi.
2220 ft. **Site 2 of 2 in cluster AT**

Relative:
Higher

Actual:
37 ft.

LTANKS:

Name:	SIR NEWMAN NURING HOME
Address:	845 PALNER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	8707145 / 1989-01-05
Facility ID:	8707145

SIR NEWMAN NURING HOME (Continued) **S100140234**

Site ID:	88268
Spill Date:	1987-11-19
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1989-01-05
SWIS:	6032
Investigator:	jeokesso
Referred To:	Not reported
Reported to Dept:	1987-11-19
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1989-01-05
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-11-20
Spill Record Last Update:	1989-02-07
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	80771
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON "
Remarks:	"20K SYSTEM -.400GPH.TO UNCOVER & RETEST. PBS TO FOLLOW. NO RESULTS."

All TTF:

Facility ID:	8707145
Spill Number:	8707145
Spill Tank Test:	1532375
Site ID:	88268
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	88268
Operable Unit ID:	912870
Operable Unit:	01
Material ID:	466119

SIR NEWMAN NURING HOME (Continued) **S100140234**

Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

220
NE
1/4-1/2
0.426 mi.
2248 ft.

COMMERCIAL **NY LTANKS** **S107410288**
131 SHELDRAKE AVE **N/A**
MAMARONECK, NY

Relative:
Lower

Actual:
19 ft.

LTANKS:

Name:	COMMERCIAL
Address:	131 SHELDRAKE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0503918 / 2005-08-28
Facility ID:	0503918
Site ID:	348629
Spill Date:	2005-07-01
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-07-01
CID:	407
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	2005-08-01
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2005-07-01
Spill Record Last Update:	2005-08-28
Spiller Name:	DWAYNE MONACO
Spiller Company:	COMMERCIAL
Spiller Address:	131 SHELLDRAKE AVE
Spiller County:	001
Spiller Contact:	DWAYNE MONACO
Spiller Phone:	(914) 777-1930
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	295062
DEC Memo:	"ALSO SPILL 05-03417 August 28, 2005: NORTHEAST ENVIRONMENTAL DISPOSED OF LUST AND 61.55 TONS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"Tank removal, tank size 275 gallon. soil is being excavated and stockpiled."

COMMERCIAL (Continued) **S107410288**

All Materials:

Site ID:	348629
Operable Unit ID:	1106280
Operable Unit:	01
Material ID:	1971206
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

221
NNW
1/4-1/2
0.436 mi.
2302 ft.

JOSELSON - TTF **NY LTANKS** **S120702893**
5 LEATHERSTOCKING LANE **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
97 ft.

LTANKS:

Name:	JOSELSON - TTF
Address:	5 LEATHERSTOCKING LANE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1601871 / 2017-02-15
Facility ID:	1601871
Site ID:	527252
Spill Date:	2016-05-24
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2016-05-24
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2016-05-24
Spill Record Last Update:	2017-02-15
Spiller Name:	NANCY JOSELSON
Spiller Company:	Nancy Joselson
Spiller Address:	5 LEATHER STOCKING LN
Spiller County:	999
Spiller Contact:	NANCY JOSELSON
Spiller Phone:	9142828072
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	481418
DEC Memo:	"5-24-16 Called and left message for Nancy Joselson to return call to

JOSELSON - TTF (Continued) **S120702893**

dispatch desk. jm Recv'd callback from Nancy. They have ProGuard Insurance and the tank removal and cleanup will be handled through them. jm 2/15/2017: Hudson Valley Environmental disposed of 6.04 tons of petroleum contaminated soil. Report entered into DecDocs. Based upon the information provided, no further action is required at this time. jod"

Remarks: "It was a tank test failure. no resources impacted."

All Materials:

Site ID:	527252
Operable Unit ID:	1276117
Operable Unit:	01
Material ID:	2280920
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

222
NNW
1/4-1/2
0.438 mi.
2311 ft.

BOULARD - TTF **NY LTANKS** **S116555718**
9 LEATHERSTOCKING LANE **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
106 ft.

LTANKS:

Name:	BOULARD - TTF
Address:	9 LEATHERSTOCKING LANE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1312121 / 2014-07-30
Facility ID:	1312121
Site ID:	493067
Spill Date:	2014-03-27
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2014-03-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-03-27
Spill Record Last Update:	2014-07-30
Spiller Name:	BOULARD
Spiller Company:	Boulard - Real Estate Trans
Spiller Address:	Not reported

BOULARD - TTF (Continued) **S116555718**

Spiller County:	999
Spiller Contact:	BOULARD
Spiller Phone:	(33-6-613-5-1043
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	447964
DEC Memo:	"Homeowner moved to France. Spoke to caller. He has recommended an uncover, repair and retest to the real estate agent. Sounds like a line leak. House is for sale...mm 7/30/2014: The Leaking UST and a total of 8.26 tons of petroleum contaminated soil were removed and disposed of by Northeast Environmental. The Closure Report has been reviewed and will be entered into DecDocs at a later date. Based upon information provided, no further action required at this time. jod"
Remarks:	"550 gal ust"

All TTF:

Facility ID:	1312121
Spill Number:	1312121
Spill Tank Test:	2495715
Site ID:	493067
Tank Number:	0
Tank Size:	550
Material:	0001
EPA UST:	False
UST:	True
Cause:	03
Source:	01
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	JBODEE
Last Modified Date:	Not reported

All Materials:

Site ID:	493067
Operable Unit ID:	1242572
Operable Unit:	01
Material ID:	2243127
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

AU223 **PVT DWELLING** **NY LTANKS** **S110762306**
WNW **42 MOHEGAN RD** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.441 mi.
2328 ft. **Site 1 of 2 in cluster AU**

Relative:
Higher

Actual:
88 ft.

LTANKS:

Name:	PVT DWELLING
Address:	42 MOHEGAN RD
City,State,Zip:	LARCHMONT, NY
Spill Number/Closed Date:	1011656 / 2011-03-15
Facility ID:	1011656
Site ID:	445542
Spill Date:	2011-02-22
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2011-02-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2011-02-22
Spill Record Last Update:	2011-03-15
Spiller Name:	Not reported
Spiller Company:	HOME OWNER
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	RICH LAMB
Spiller Phone:	(914) 830-8991
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	400376
DEC Memo:	"2/22/11 House is going to be up for sale so tank was tested and failed. Will be uncovering tank, making repairs and retesting. If tank fails again, it will be removed....mm 2/25/11 Kathy called. Failed retest. jc 3/15/11: Tank passed a retest after piping was repaired. After second test, excavation work discovered a previously unsealedremote fill port at a retaining wall near the curb. Report will be entered into eDocs. Based upon the information received, no further action is required at this time. jod"
Remarks:	"550gal ust"

All Materials:

Site ID:	445542
Operable Unit ID:	1195926
Operable Unit:	01
Material ID:	2192015
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

PVT DWELLING (Continued) **S110762306**

Quantity: Not reported
Units: G
Recovered: Not reported
Oxygenate: Not reported

224
NNE
1/4-1/2
0.443 mi.
2341 ft.

APT BLDG
64 GRAND ST
MAMARONECK, NY

NY LTANKS **S105996900**
NY Spills **N/A**

Relative:
Lower

Actual:
19 ft.

LTANKS:

Name:	SPILL NUMBER 0206800
Address:	64 GRAND ST
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0206800 / 2003-01-30
Facility ID:	0206800
Site ID:	135417
Spill Date:	2002-10-01
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2002-10-01
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-10-01
Spill Record Last Update:	2003-01-30
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	64 GRAND ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	116278
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 01/30/03 ROYAL DISPOSED OF 21.91 TONS OF CONTAMIN SOIL."
Remarks:	"WHILE CALLER IS ABANDONING 550 UST SOIL CONTAMINATION DISCOVERED"

All Materials:

Site ID:	135417
Operable Unit ID:	858565
Operable Unit:	01
Material ID:	517395
Material Code:	0001A
Material Name:	#2 fuel oil

APT BLDG (Continued) **S105996900**

Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: APT BLDG
Address: 64 GRAND ST
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 0613001 / 2007-06-06
Facility ID: 0613001
Facility Type: ER
DER Facility ID: 116278
Site ID: 377956
DEC Region: 3
Spill Cause: Other
Spill Class: B3
SWIS: 6032
Spill Date: 2007-03-02
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2007-03-03
CID: 27
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Fire Department
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2007-03-03
Spill Record Last Update: 2007-06-21
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: ""
Remarks: "Caller reports flooding. Fuel tank floated in the basdement. Spill is contained ion the basement. Royal Enviromental has been hired for cleanup. Co owner of the builfing is is Linda Fraioli 914.419.3807."

All Materials:
Site ID: 377956
Operable Unit ID: 1135473
Operable Unit: 01
Material ID: 2125381
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 300.00

APT BLDG (Continued) **S105996900**

Units: G
Recovered: .00
Oxygenate: Not reported

AV225 **RUELLEN RES.** **NY LTANKS** **S118263531**
ENE **6 STAUD COURT** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.443 mi.
2341 ft. **Site 1 of 2 in cluster AV**

Relative: **Higher**
Actual: **29 ft.**

LTANKS:

Name:	RUELLEN RES.
Address:	6 STAUD COURT
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1507220 / 2015-10-15
Facility ID:	1507220
Site ID:	514685
Spill Date:	2015-10-08
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	DXWEITZ
Referred To:	Not reported
Reported to Dept:	2015-10-08
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2015-10-08
Spill Record Last Update:	2015-10-15
Spiller Name:	BRIAN RUELLEN
Spiller Company:	RUELLEN
Spiller Address:	6 STAUD COURT
Spiller County:	999
Spiller Contact:	BRIAN RUELLEN
Spiller Phone:	(914) 381-1364
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	469139
DEC Memo:	"10/8/18 Called and left message for tank tester and homeowner. dw 10/15/15 Mr. Ruellen called, and said retest was done by Optima Env. and the system passed (tank plus lines). He will be sending TT results by email. Tank test results were sent, and it passed. Spill is closed. NFA dw"
Remarks:	"failed 1,00 gallon tank."

All Materials:

Site ID:	514685
Operable Unit ID:	1263872
Operable Unit:	01
Material ID:	2267618

RUELLEN RES. (Continued) **S118263531**

Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

AV226 **VERDICK RESIDENCE** **NY LTANKS** **S103824731**
ENE **6 STAUB CT** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.443 mi.
2341 ft. **Site 2 of 2 in cluster AV**

Relative:
Higher

Actual:
29 ft.

LTANKS:

Name:	VERDICK RESIDENCE
Address:	6 STAUB CT
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9813765 / 1999-03-24
Facility ID:	9813765
Site ID:	248157
Spill Date:	1999-02-11
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-02-11
CID:	297
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-02-11
Spill Record Last Update:	1999-03-31
Spiller Name:	WALTER VERDICK
Spiller Company:	VERDICK RESIDENCE
Spiller Address:	6 STAUB CT
Spiller County:	001
Spiller Contact:	WALTER VERDICK
Spiller Phone:	(914) 381-4683
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	203735
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE "
Remarks:	"NO CONTAMINATION FOUND. WILL E.I.R."

All TTF:

Facility ID:	9813765
Spill Number:	9813765

VERDICK RESIDENCE (Continued) **S103824731**

Spill Tank Test:	1546840
Site ID:	248157
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	248157
Operable Unit ID:	1074481
Operable Unit:	01
Material ID:	569261
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AU227 **HEALY HOME** **NY LTANKS** **S106971748**
WNW **43 MOHEGAN ROAD** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.446 mi.
2357 ft. **Site 2 of 2 in cluster AU**

Relative:
Higher

Actual:
88 ft.

LTANKS:

Name:	HEALY HOME
Address:	43 MOHEGAN ROAD
City,State,Zip:	LARCHMONT, NY
Spill Number/Closed Date:	0501454 / 2005-08-28
Facility ID:	0501454
Site ID:	345609
Spill Date:	2005-05-05
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-05-05
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported

HEALY HOME (Continued) **S106971748**

Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-05-05
Spill Record Last Update:	2005-08-28
Spiller Name:	MR HEALY
Spiller Company:	HEALY HOME
Spiller Address:	43 MOHEGAN ROAD
Spiller County:	999
Spiller Contact:	MR HEALY
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	291844
DEC Memo:	"August 28, 2005: NES DISPOSED OF LUST AND 61.45 TONS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"550 gallon tank had holes"

All Materials:

Site ID:	345609
Operable Unit ID:	1103326
Operable Unit:	01
Material ID:	583539
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

228
South
1/4-1/2
0.447 mi.
2359 ft.

PIRNICK RESIDENCE
818 WOODBINE AVE
MAMARONECK, NY

NY LTANKS **S109208738**
NY Spills **N/A**

Relative:
Higher

Actual:
39 ft.

LTANKS:

Name:	PERNICK HOME
Address:	818 WOODBINE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0803802 / 2008-09-23
Facility ID:	0803802
Site ID:	400598
Spill Date:	2008-07-01
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2008-07-01
CID:	444

PIRNICK RESIDENCE (Continued) **S109208738**

Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-07-01
Spill Record Last Update:	2013-12-12
Spiller Name:	ALICE PERNICK
Spiller Company:	Not reported
Spiller Address:	818 WOODBINE AVE
Spiller County:	001
Spiller Contact:	WILLIE BLUM
Spiller Phone:	(845) 528-0730
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	349880
DEC Memo:	"W. BLUM PROPERTY OWNER HIRED NORTHEAST TO REMOVE - HAS PROGUARD INSURANCE. 09/04/08 Northeast Environmental reported that they excavated and removed the UST. No contaminated soil was noted in the tank excavation. Post excavation TAGM soil samples results were reported as non-detectable for all compounds. NFA TG"
Remarks:	"BELOW LIQUID LEAK"

All TTF:

Facility ID:	0803802
Spill Number:	0803802
Spill Tank Test:	2486407
Site ID:	400598
Tank Number:	Not reported
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	400598
Operable Unit ID:	1157415
Operable Unit:	01
Material ID:	2148434
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

PIRNICK RESIDENCE (Continued) **S109208738**

SPILLS:

Name:	PIRNICK RESIDENCE
Address:	818 WOODBINE AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0813980 / 2013-12-12
Facility ID:	0813980
Facility Type:	ER
DER Facility ID:	349880
Site ID:	411700
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6032
Spill Date:	2009-03-26
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2009-03-26
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-03-26
Spill Record Last Update:	2013-12-12
Spiller Name:	NIKKI RICKETTS
Spiller Company:	NORTHEAST ENVIRONMENTAL
Spiller Address:	225 VALLEY PLACE
Spiller Company:	999
Contact Name:	NIKKI RICKETTS
DEC Memo:	"3-26-09 Spoke with Nikki. She says that this is a 500 gallon tank that they installed last fall and the owner called them up to say that there seemed to be oil leaching up from the tank. She says it's possible that they nicked the return line when they installed the tank. They will uncover tomorrow and call back with update. jm 12/12/13: Email message sent to Northeast requesting additional information about this backlog spill. Nicky Ricketts reports that this was a minor leak from a return line and Northeast completed the clean up and repaired the line within a day or two. NFA jod"
Remarks:	"CALLER STATES THAT THERE MAY BE A LEAKING RETURN LINE, FURTHER INVESTIGATION IS PENDING. CLEAN UP IS ALSO PENDING FOR TOMORROW."

All Materials:

Site ID:	411700
Operable Unit ID:	1168180
Operable Unit:	01
Material ID:	2159789
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G

PIRNICK RESIDENCE (Continued) **S109208738**

Recovered: Not reported
Oxygenate: Not reported

229
SE
1/4-1/2
0.449 mi.
2373 ft.

SADFI REALTY **NY LTANKS** **S108299194**
516 WEST BOSTON POST ROAD **N/A**
MAMARONECK, NY

Relative:
Lower

Actual:
15 ft.

LTANKS:

Name:	SADFI REALTY
Address:	516 WEST BOSTON POST ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0610881 / 2007-02-07
Facility ID:	0610881
Site ID:	375406
Spill Date:	2006-12-27
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-12-27
CID:	408
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-12-27
Spill Record Last Update:	2007-02-07
Spiller Name:	JOESPH STAVRECH
Spiller Company:	SADFI REALTY
Spiller Address:	516 WEST BOSTON POST ROAD
Spiller County:	001
Spiller Contact:	BILLY SCHULTZ
Spiller Phone:	(914) 636-1200
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	325036
DEC Memo:	"Elite Environmental completed clean up. NFA jod"
Remarks:	"275 ABOVE GROUND TANK BEGAN LEAKING DURING DELIVERY; SMALL HOLE; CREW ON SIGHT TO CONTAIN SPILL; NOT YET CLEANED;"

All Materials:

Site ID:	375406
Operable Unit ID:	1133042
Operable Unit:	01
Material ID:	2122844
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

SADFI REALTY (Continued) **S108299194**

Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

230
South
1/4-1/2
0.459 mi.
2426 ft.

PIZZIMENTI HOME
815 CARPENTER PLACE
MAMARONECK, NY

NY LTANKS **S106869222**
N/A

Relative:
Higher

Actual:
57 ft.

LTANKS:

Name:	PIZZIMENTI HOME
Address:	815 CARPENTER PLACE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0500838 / 2005-05-26
Facility ID:	0500838
Site ID:	343926
Spill Date:	2005-04-20
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6000
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-04-20
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-04-20
Spill Record Last Update:	2005-05-26
Spiller Name:	DOMINCK PIZZIMENTI
Spiller Company:	PIZZIMENTI HOME
Spiller Address:	815 CARPENTER PLACE
Spiller County:	999
Spiller Contact:	DOMINCK PIZZIMENTI
Spiller Phone:	(914) 834-3089
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	290520
DEC Memo:	"05/05/05 TANK RETESTED BY ATS, MARC RICCIARDI. TANK REPORTEDLY PASSED RETEST. HOME OWNER FAXED RETEST INFORMATION TO DEC. TANK TEST METHOD USED WAS THE MESA-2D , WHICH IS AN INVALID TEST METHOD BY EPA AND DEC REGULATIONS. HOME OWNER INSTRUCTED TO HAVE TANK RETESTED USING A VALID METHOD. jod 05/26/05 TANK PASSED HORNER LOCATOR PLUS TEST PREFORMED BY ATS. NFA jod"
Remarks:	"UNCOVER REPAIR & RETEST"

All TTF:

Facility ID:	0500838
Spill Number:	0500838

PIZZIMENTI HOME (Continued) **S106869222**

Spill Tank Test:	1548827
Site ID:	343926
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	JBODee
Last Modified Date:	Not reported

All Materials:

Site ID:	343926
Operable Unit ID:	1102589
Operable Unit:	01
Material ID:	582805
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

231
SE
1/4-1/2
0.464 mi.
2452 ft.

HARBOR ISLAND SERVICE **NY LTANKS** **S102233446**
260 WEST BOSTON POST ROAD **N/A**
MAMARONECK, NY

Relative:
Lower

Actual:
17 ft.

LTANKS:

Name:	HARBOR ISLAND SERVICE
Address:	260 WEST BOSTON POST ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9512562 / 2002-09-12
Facility ID:	9512562
Site ID:	112377
Spill Date:	1996-01-09
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-01-09
CID:	282
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported

HARBOR ISLAND SERVICE (Continued) **S102233446**

Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1996-01-09
Spill Record Last Update:	2002-09-12
Spiller Name:	ABE RAPP
Spiller Company:	GRAHAM OIL
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	ABE RAPP
Spiller Phone:	(516) 338-8810
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	98168
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 01/09/96 OWNER IS UNWILLING TO SPEND THE MONEY TO REMOVE THE CONTAMINATED SOIL AT THIS TIME GW IS AT ONE FOOT BELOW GROUND LEVEL AND CONTAMINATION IS PREVELENT 06/08/00 LETTER SENT TO TYREE BY T. GHIOSAY; 1997 SUPPLEMENTAL GROUNDWATER INVESTIGATION REPORT HAS BEEN REVIEWED. BASED ON THOSE RESULTS, AN ADDTIONAL ROUND OF SAMPLING AND A NEW GROUNDWATER CONTOUR MAP IS REQUIRED. 11/07/00 LETTER SENT TO TYREE BY T. GHIOSAY; ORC FEASIBILITY STUDY PROPOSAL HAS BEEN REVIEWED AND IS ACCEPTABLE TO THIS DEPARTMENT. 07/19/01 QUARTERLY REPORT SUBMITTED BY TYREE DOCUMENTING PROGRESS OF ORC PLAN. NEXT SAMPLING SCHEDULED FOR SEPTEMBER 2001. 9-12-02 REMEDIATION EFFORT CONSIDERED COMPLETE. MINOR LEVELS OF VOC'S WILL NATURALLY ATTENEUATE. TG"
Remarks:	"tyree was removing the tanks at the old harbor island service station when they found the comtaminated soil.3 tanks are in the ground."

All Materials:

Site ID:	112377
Operable Unit ID:	1023670
Operable Unit:	01
Material ID:	356311
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	True

Site ID:	112377
Operable Unit ID:	1023670
Operable Unit:	01
Material ID:	573404
Material Code:	1213A
Material Name:	MTBE (methyl-tert-butyl ether)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	True

AW232 **GREENBAUM HOME** **NY LTANKS** **S107410278**
NNW **14 LEATHERSTOCKING LANE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.472 mi.
2491 ft. **Site 1 of 2 in cluster AW**

Relative:
Higher

Actual:
101 ft.

LTANKS:

Name:	GREENBAUM HOME
Address:	14 LEATHERSTOCKING LANE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0501579 / 2005-08-28
Facility ID:	0501579
Site ID:	345758
Spill Date:	2005-05-09
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-05-09
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-05-09
Spill Record Last Update:	2005-08-28
Spiller Name:	STEVEN GREENBAUM
Spiller Company:	GREENBAUM HOME
Spiller Address:	14 LEBER STOCKING LANE
Spiller County:	001
Spiller Contact:	STEVEN GREENBAUM
Spiller Phone:	(914) 698-4752
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	291998
DEC Memo:	"August 28, 2005: NORTHEAST ENVIRONMENTAL DISPOSED OF LUST AND 18.06 TONS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"RECOMMEND, REPAIR, RETESTS OR REMOVE"

All TTF:

Facility ID:	0501579
Spill Number:	0501579
Spill Tank Test:	1548884
Site ID:	345758
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II

GREENBAUM HOME (Continued) **S107410278**

Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	345758
Operable Unit ID:	1103474
Operable Unit:	01
Material ID:	583689
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AW233 **DIPACE RESIDENCE** **NY LTANKS** **S106385532**
NNW **16 LEATHERSTOCKING LANE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.472 mi.
2492 ft. **Site 2 of 2 in cluster AW**

Relative:
Higher

Actual:
103 ft.

LTANKS:

Name:	DIPACE RESIDENCE
Address:	16 LEATHERSTOCKING LANE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0313445 / 2004-05-06
Facility ID:	0313445
Site ID:	249907
Spill Date:	2004-03-08
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2004-03-08
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-03-08
Spill Record Last Update:	2004-05-06
Spiller Name:	DIPACE RESIDENT
Spiller Company:	Not reported
Spiller Address:	16 LEATHERSTOCKING LANE
Spiller County:	001
Spiller Contact:	DIPACE RESIDENT

DIPACE RESIDENCE (Continued) **S106385532**

Spiller Phone: (914) 698-5506
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 204857
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 05/06/04 TANK PASSED RETEST AFTER PIPING WAS REPAIRED. jbo"
Remarks: "RECOMMEND: UNCOVER REPAIR & RETEST:"

All TTF:
Facility ID: 0313445
Spill Number: 0313445
Spill Tank Test: 1529028
Site ID: 249907
Tank Number: 1
Tank Size: 1000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 249907
Operable Unit ID: 878633
Operable Unit: 01
Material ID: 498594
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

234
East
1/4-1/2
0.473 mi.
2498 ft.

MAMARONECK PLAYHOUSE **NY LTANKS** **U003647746**
243 MAMARONECK AVE **NY Spills** **N/A**
MAMARONECK, NY

Relative: Higher

Actual: 44 ft.

LTANKS:
Name: MAMARONECK PLAYHOUSE
Address: 243 MAMARONECK AVE
City,State,Zip: MAMARONECK, NY
Spill Number/Closed Date: 9213833 / 1993-06-28
Facility ID: 9213833
Site ID: 180445
Spill Date: 1993-03-17
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial

MAMARONECK PLAYHOUSE (Continued) **U003647746**

Spill Class:	C3
Cleanup Ceased:	1993-06-28
SWIS:	6032
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1993-03-17
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-03-22
Spill Record Last Update:	1993-08-03
Spiller Name:	Not reported
Spiller Company:	UNITED ARTIST THEATER
Spiller Address:	1400 OLD COUNTRY ROAD
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	209357
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 09/27/95: This is additional information about material spilled from the translation of the old spill file: ANK TEST."
Remarks:	"EIR PETRO-TITE GROSS"

All TTF:

Facility ID:	9213833
Spill Number:	9213833
Spill Tank Test:	1541285
Site ID:	180445
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	180445
Operable Unit ID:	981139
Operable Unit:	01
Material ID:	403587
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

MAMARONECK PLAYHOUSE (Continued) **U003647746**

Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	MAMARONECK PLAYHOUSE
Address:	243 MAMARONECK AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9602847 / 1996-06-05
Facility ID:	9602847
Facility Type:	ER
DER Facility ID:	209357
Site ID:	255616
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	B6
SWIS:	6032
Spill Date:	1996-05-29
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-05-29
CID:	246
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Police Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-05-29
Spill Record Last Update:	1996-06-17
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	CHIEF HUGHES
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 05/29/96 ODORS IN BASEMENT DUE TO FAULTY TRAP IN SEWER LINE ODORS TRACED TO MANHOLE IN STREET IN FRONT OF MOTORCYCLE SHOP ODORS DISAPATED AFTER TWENTY MINUTES SUSPECT DUMPING INTO SEWER "
Remarks:	"odor of gasaoline in movie theater - upon investigation gasoline found in sewer line - fd standing by"

All Materials:

Site ID:	255616
Operable Unit ID:	1030410
Operable Unit:	01
Material ID:	349084
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum

MAMARONECK PLAYHOUSE (Continued) **U003647746**

Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

235
East
1/4-1/2
0.473 mi.
2499 ft.

MEADOW PUBLICATIONS INC
126 LIBRARY LANE
MAMARONECK, NY 10543

NY LTANKS **1004759196**
RCRA NonGen / NLR **NYR000001149**
FINDS
ECHO
NY MANIFEST

Relative:
Higher

Actual:
28 ft.

LTANKS:

Name:	ENGEL RESIDENCE
Address:	126 LIBRARY LANE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0311438 / 2005-02-01
Facility ID:	0311438
Site ID:	81262
Spill Date:	2004-01-09
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2004-01-09
CID:	403
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-01-09
Spill Record Last Update:	2005-04-03
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	BURT ENGEL
Spiller Phone:	(561) 866-8477
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	75200
DEC Memo:	"01/24/05 Letter rec'd from Northeast Environmental stated that the tank was removed and no contamination was present in the tank grave. NFA TG 02/12/04 A SECOND TANK TEST FAILURE WAS REPORTED FOR THIS SAME SITE BY US TANK TECH ON THE SAME DATE AS NORTHEAST'S LETTER. SEE SPILL 04-11460"
Remarks:	"TANK TEST FAILED."

All TTF:

Facility ID:	0311438
Spill Number:	0311438
Spill Tank Test:	1528904

MEADOW PUBLICATIONS INC (Continued) **1004759196**

Site ID:	81262
Tank Number:	1
Tank Size:	1000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	JBODee
Last Modified Date:	Not reported

Name:	ENGEL RESIDENCE
Address:	126 LIBRARY LANE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	0411460 / 2008-09-04
Facility ID:	0411460
Site ID:	336656
Spill Date:	2005-01-24
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-01-24
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-01-24
Spill Record Last Update:	2008-09-04
Spiller Name:	BURT ENGEL
Spiller Company:	ENGEL RESIDENCE
Spiller Address:	126 LIBRARY LANE
Spiller County:	999
Spiller Contact:	BURT ENGEL
Spiller Phone:	(561) 866-8477
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	75200
DEC Memo:	"02/12/05 NORTHEAST REMOVED TANK UNDER SPILL 03-11438 AND REPORTED NO CONTAMINATION. NEW TANK WAS INSTALLED AND WAS CONNECTED TO OLD LINES. NEW TANK WAS TESTED AND FAILED AGAIN. LINE LEAK NEEDS TO BE ADDRESSED. jod 04/30/05 TANK PASSED A RETEST AFTER PIPING AND LINES WERE REPLACED. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"recommend: uncover repair & test or install new fuel lines:"

MEADOW PUBLICATIONS INC (Continued) **1004759196**

All TTF:

Facility ID:	0411460
Spill Number:	0411460
Spill Tank Test:	1548524
Site ID:	336656
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	JBODee
Last Modified Date:	Not reported

All Materials:

Site ID:	336656
Operable Unit ID:	1098674
Operable Unit:	01
Material ID:	578851
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MEADOW PUBLICATIONS INC
Facility address:	126 LIBRARY LANE MAMARONECK, NY 10543
EPA ID:	NYR000001149
Mailing address:	LIBRARY LANE MAMARONECK, NY 10543
Contact:	DOUGLAS MEADOW
Contact address:	LIBRARY LANE MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	914-381-4740
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MEADOW REALTY CO
Owner/operator address:	126 LIBRARY LANE

MEADOW PUBLICATIONS INC (Continued) **1004759196**

MAMRONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-381-4740
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MEADOW REALTY CO
Owner/operator address: 126 LIBRARY LANE
MAMRONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: 914-381-4740
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: MEADOW PUBLICATIONS INC
Classification: Not a generator, verified

Date form received by agency: 03/07/1995
Site name: MEADOW PUBLICATIONS INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: F003

MEADOW PUBLICATIONS INC (Continued) **1004759196**

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110004511564

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004759196
Registry ID:	110004511564
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004511564

NY MANIFEST:

Name:	MEADOW PUBLICATIONS
Address:	126 LIBRARY LANE
City,State,Zip:	MAMARONECK, NY 10543
Country:	USA
EPA ID:	NYR000001149
Facility Status:	Not reported
Location Address 1:	126 LIBRARY LANE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000001149
Mailing Name:	MEADOW PUBLICATIONS
Mailing Contact:	PETER MEADOW
Mailing Address 1:	126 LIBRARY LANE
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK

MEADOW PUBLICATIONS INC (Continued) **1004759196**

Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9143814740

NY MANIFEST:

Document ID:	NYB8460945
Manifest Status:	Not reported
seq:	01
Year:	2000
Trans1 State ID:	PX1132
Trans2 State ID:	Not reported
Generator Ship Date:	10/13/2000
Trans1 Recv Date:	10/13/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/27/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000001149
Trans1 EPA ID:	NYD986974376
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD082785429
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

236
NNE
1/4-1/2
0.475 mi.
2507 ft.

DIP-IN EXXON
712 MAMARONECK AVE
MAMARONECK, NY

NY LTANKS **S102673728**
N/A

Relative:
Lower

Actual:
19 ft.

LTANKS:

Name:	DIP-IN EXXON
Address:	712 MAMARONECK AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9106251 / 1991-10-01
Facility ID:	9106251
Site ID:	140608
Spill Date:	1991-09-10
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	D3
Cleanup Ceased:	1991-09-30
SWIS:	6032
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1991-09-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1991-09-13
Spill Record Last Update:	1991-10-01
Spiller Name:	Not reported
Spiller Company:	EXXON
Spiller Address:	6 CANAL ROAD
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	120080
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH "
Remarks:	"CONTAMINATED SOIL FOUND WHILE REMOVING TANKS THEY ARE STOCKPILING SOILON PLASTIC FIRE MARSHALL WAS PRESENT"

All Materials:

Site ID:	140608
Operable Unit ID:	960583
Operable Unit:	01
Material ID:	421974
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

237
SSE
1/4-1/2
0.476 mi.
2514 ft.

THE ANIMAL HOSPITAL
649 WEST BOSTON POST RD
MAMARONECK, NY

NY LTANKS **S104191986**
N/A

Relative:
Lower

Actual:
18 ft.

LTANKS:

Name:	THE ANIMAL HOSPITAL
Address:	649 WEST BOSTON POST RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9906960 / 2004-05-17
Facility ID:	9906960
Site ID:	69430
Spill Date:	1999-09-10
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-09-10
CID:	371
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-09-10
Spill Record Last Update:	2005-04-03
Spiller Name:	DR BENJAMIN LINDEN
Spiller Company:	THE ANIMAL HOSPITAL
Spiller Address:	649 WEST BOSTON POST RD
Spiller County:	001
Spiller Contact:	DR BENJAMIN LINDEN
Spiller Phone:	(914) 967-2786
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	66011
DEC Memo:	"09/20/99 Letter sent to tank owner by John O'Dee outlining DEC procedures for closing spill and requesting call back. Feb 2000 Tank removed by Northeast Environmental. Letter states that no contamination was found. TG"
Remarks:	"RECOMMEND ISOLATE AND RETEST."

All TTF:

Facility ID:	9906960
Spill Number:	9906960
Spill Tank Test:	1547608
Site ID:	69430
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03

THE ANIMAL HOSPITAL (Continued) **S104191986**

Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	69430
Operable Unit ID:	1085391
Operable Unit:	01
Material ID:	299671
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

238
NNE
1/4-1/2
0.482 mi.
2545 ft.

DELVITO RESIDENCE **NY LTANKS** **S117269652**
791 OLD WHITEPLAINS RD **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
27 ft.

LTANKS:

Name:	DELVITO RESIDENCE
Address:	791 OLD WHITEPLAINS RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1403891 / 2014-10-03
Facility ID:	1403891
Site ID:	497263
Spill Date:	2014-07-10
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2014-07-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-07-10
Spill Record Last Update:	2014-10-03
Spiller Name:	Not reported
Spiller Company:	LILANNE DELVITO
Spiller Address:	Not reported
Spiller County:	999

DELVITO RESIDENCE (Continued) **S117269652**

Spiller Contact:	LILANNE DELVITO
Spiller Phone:	(914) 557-0448
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	452267
DEC Memo:	"House is being put on the market. The woman named as the spiller is not the owner of the house. Her son owns the house, she was unaware he is selling the house and there is no contact info for him...mm 09/17/14 Northeast Environmental reported that they excavated and removed the tank and that no contaminated soil was observed in the excavation. Post excavation soil sample results were below DEC guidance values. NFA. TG"
Remarks:	"Tank test fail"

All Materials:

Site ID:	497263
Operable Unit ID:	1246731
Operable Unit:	01
Material ID:	2247921
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

AX239 **ABINGTON SQUARE APTS** **NY LTANKS** **S102660216**
SSW **905-909 PALMER AVE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.485 mi.
2561 ft. **Site 1 of 2 in cluster AX**

Relative:
Higher

Actual:
37 ft.

LTANKS:

Name:	ABINGTON SQUARE APTS
Address:	905-909 PALMER AVE
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	9707977 / 1998-02-25
Facility ID:	9707977
Site ID:	219261
Spill Date:	1997-10-06
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1997-10-07
CID:	297
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False

ABINGTON SQUARE APTS (Continued) **S102660216**

Remediation Phase:	0
Date Entered In Computer:	1997-10-07
Spill Record Last Update:	1998-03-18
Spiller Name:	Not reported
Spiller Company:	ABINGTON SQUARE APTS
Spiller Address:	905-909 PALMER AV
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	(914) 636-6510
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	181317
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 10/15/97 TANK REMOVAL & REPLACEMENT BY IRA CONKLIN; 100 YARDS OF SOIL STOCKPILED FOR DISPOSAL; CLEAN UP SATISFACTORY; REPORT TO BE SUBMITTED BY IRA CONKLIN; 02/25/98 TANK REMOVAL REPORT SUBMITTED BY IRA CONKLIN; "
Remarks:	"CALLER COMPNAY DISCOVERED CONTAMINATED SOIL AFTER REMOVING A 5000 GALLON INGROUND TANK FROM THE ABOVE LOCATION - TANK DID HAVE HOLES IN IT AND SOME CONTAMINATION MAY HAVE BEEN CAUSED BY VARIOUS TANK OVERFILLS OVER THE YEARS - IRA D CONKLIN IS PERFORMING ALL THE CLEAN UP"

All Materials:

Site ID:	219261
Operable Unit ID:	1051203
Operable Unit:	01
Material ID:	329965
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AX240 **MAMARONECK HIGH SCHOOL** **RCRA-VSQG** **1000156023**
SSW **PALMER AVE BLDG** **NY LTANKS** **NYD980664171**
1/4-1/2 **MAMARONECK, NY 10543** **NJ MANIFEST**
0.485 mi. **NY MANIFEST**
2562 ft. **Site 2 of 2 in cluster AX**

Relative: **Higher**
Actual: **37 ft.**

RCRA-VSQG:

Date form received by agency:	01/01/2007
Facility name:	MAMARONECK HIGH SCHOOL
Facility address:	PALMER AVE BLDG MAMARONECK, NY 10543
EPA ID:	NYD980664171
Contact:	Not reported
Contact address:	PALMER AVE BLDG MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: MAMARONECK HIGH SCHOOL
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Site name: MAMARONECK HIGH SCHOOL
Classification: Not a generator, verified

Date form received by agency: 10/30/1996
Site name: MAMARONECK HIGH SCHOOL -
Classification: Large Quantity Generator

Date form received by agency: 07/06/1994
Site name: MAMARONECK AVE ELEMENTARY SCHOOL
Classification: Large Quantity Generator

Date form received by agency: 02/04/1983
Site name: MAMARONECK HIGH SCHOOL
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: NONE
. Waste name: None

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 10/07/1996
Date achieved compliance: 11/04/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/07/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 01/01/1996
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 11/04/1996
Evaluation lead agency: State

LTANKS:
Name: MAMARONECK SCH DIST
Address: PALMER RD BLDG
City,State,Zip: MAMARONECK, NY

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Spill Number/Closed Date:	8708014 / 1989-11-29
Facility ID:	8708014
Site ID:	246822
Spill Date:	1987-12-16
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1989-11-29
SWIS:	6032
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1987-12-16
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-12-22
Spill Record Last Update:	1989-11-29
Spiller Name:	DICK GARDNER
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	202662
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was / / : 20K FAILED HORNER ESAY CHECK, POSSIBLE RETEST. "
Remarks:	"02-04-88 20K -.2813 WILL PUMP OUT.(RETEST). RICHARD GARDINER 914-698-9000 EXT.293"

All TTF:

Facility ID:	8708014
Spill Number:	8708014
Spill Tank Test:	1532694
Site ID:	246822
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	246822

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Operable Unit ID:	913596
Operable Unit:	01
Material ID:	463411
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

NJ MANIFEST:

EPA Id:	NYD980664171
Mail Address:	900 PALMER AVENUE
Mail City/State/Zip:	MAMORONECK 10591
Facility Phone:	9142203000
Emergency Phone:	Not reported
Contact:	DEBORAH SCALES
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA5252616
EPA ID:	NYD980664171
Date Shipped:	08/25/2005
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NY0001031814
Transporter 2 EPA ID:	NJ0000027193
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/25/2005
Date Trans2 Transported Waste:	09/01/2005
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/02/2005

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	11220522
Was Load Rejected:	MAMORONECK 10591
Reason Load Was Rejected:	Not reported

NY MANIFEST:

Name:	MAMARONECK UNION FREE SCHOOL DISTRICT
Address:	PALMER BUILDING
City,State,Zip:	MAMARONECK, NY 10543-0000
Country:	USA
EPA ID:	NYD980664171
Facility Status:	Not reported
Location Address 1:	1000 WEST BOSTON POST ROAD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip:	10543
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD980664171
Mailing Name:	MAMARONECK UNION FREE SCHOOL DISTRICT
Mailing Contact:	MAMARONECK UNION FREE SCHOOL DISTRICT
Mailing Address 1:	1000 WEST BOSTON POST ROAD
Mailing Address 2:	Not reported
Mailing City:	MAMARONECK
Mailing State:	NY
Mailing Zip:	10543
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	0000000000

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NY0000182675
Trans2 State ID:	PAD982661381
Generator Ship Date:	06/24/2013
Trans1 Recv Date:	06/24/2013
Trans2 Recv Date:	07/01/2013

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

TSD Site Recv Date:	07/11/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980664171
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	RID040098352
TSDF ID 2:	Not reported
Manifest Tracking Number:	005221619JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	4
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	D002
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AY241 **MAMARONECK WASTE WATER TREATMENT** **NY LTANKS** **S117395126**
ESE **199 WEST BOSTON POST RD** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.491 mi.
2594 ft. **Site 1 of 2 in cluster AY**

Relative: **Lower**
Actual: **17 ft.**

LTANKS:

Name:	MAMARONECK WASTE WATER TREATMENT
Address:	199 WEST BOSTON POST RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1409137 / 2015-03-18
Facility ID:	1409137
Site ID:	502742
Spill Date:	2014-12-09
Spill Cause:	Tank Test Failure

MAMARONECK WASTE WATER TREATMENT (Continued) **S117395126**

Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2014-12-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-12-09
Spill Record Last Update:	2015-03-18
Spiller Name:	LEW MACBRIEN
Spiller Company:	MAMARONECK WASTE WATER TREATMENT
Spiller Address:	199 WEST BOSTON POST RD
Spiller County:	999
Spiller Contact:	NICK BENEVENTO
Spiller Phone:	(914) 813-5715
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	163794
DEC Memo:	"12-9-14: V.Mc. call to Lew: UST installed in 1992. T/Man. to attempt to repair and retest. Hopeing the problem is with vent or manway seal. 3 Feet of water found in a winter use only tank. (10K Roadside tank) American Pet. Pumped out the water tested the tank and it failed ullage leak. Second tank failed at TT. American is submitting a quote to uncover the tanks and check risers piping. Tanks are DW and IS shows no water or oil. 3-17-15 spoke to American , all work done, report to be sumitted to close all 3 spills. RDB 3-18-15 report submitted to close all 3 spill numbers; 14-09068,14-09137,14-09263. NFA RDB"
Remarks:	"Test leak. Further isolation to be done and retest being planned."

All Materials:

Site ID:	502742
Operable Unit ID:	1252111
Operable Unit:	01
Material ID:	2254149
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

AY242
ESE
1/4-1/2
0.491 mi.
2594 ft.

MAMARONECK WWTP
199 W BOSTON POST RD
MAMARONECK, NY

Site 2 of 2 in cluster AY

NY LTANKS **S117395135**
N/A

Relative:
Lower

Actual:
17 ft.

LTANKS:

Name:	MAMARONECK WWTP
Address:	199 W BOSTON POST RD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1409263 / 2015-03-18
Facility ID:	1409263
Site ID:	502874
Spill Date:	2014-12-12
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2014-12-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-12-12
Spill Record Last Update:	2015-03-18
Spiller Name:	NICK BENEVENTO
Spiller Company:	TOWN OF MAMARONECK
Spiller Address:	199 W BOSTON POST RD
Spiller County:	999
Spiller Contact:	NICK BENEVENTO
Spiller Phone:	9148135715
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	457827
DEC Memo:	"12/12/14 Mamaroneck Waste Water Treatment Plant failed a TT. They are planning on repairing and retesting, according to Mr. McBrien. Referred to RDB. dw 3-17-15 spoke to American , all work done, report to be sumitted to close all 3 spills. RDB 3-18-15 report submitted to close all 3 spill numbers; 14-09068,14-09137,14-09263. NFA RDB"
Remarks:	"10000g UST TTF, NO KNOWN LOSSES AT THIS TIME."

All Materials:

Site ID:	502874
Operable Unit ID:	1252239
Operable Unit:	01
Material ID:	2254306
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	Not reported

MAMARONECK WWTP (Continued) **S117395135**

Oxygenate: Not reported

243
SW
1/4-1/2
0.491 mi.
2594 ft.

SPILL NUMBER 9912650
194 HICKORY GROVE DR EAST
LARCHMONT, NY

NY LTANKS **S104620831**
N/A

Relative:
Higher

Actual:
41 ft.

LTANKS:

Name:	SPILL NUMBER 9912650
Address:	194 HICKORY GROVE DR EAST
City,State,Zip:	LARCHMONT, NY
Spill Number/Closed Date:	9912650 / 2000-05-04
Facility ID:	9912650
Site ID:	231292
Spill Date:	2000-02-05
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2000-02-05
CID:	281
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-02-05
Spill Record Last Update:	2000-05-10
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	ANN MIRANDO
Spiller Phone:	(914) 833-0247
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	190618
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 05/04/2000 TANK PASSED A RETEST. NFA"
Remarks:	"TANK TEST FAILURE AT ABOVE LOCATION. HOME OWNER ADVISED OF THE TEST RESULTS. TANK TO BE UNCOVERED/ISOLATED/RETESTED. NO CALL BACK REQUESTED."

All TTF:

Facility ID:	9912650
Spill Number:	9912650
Spill Tank Test:	1548031
Site ID:	231292
Tank Number:	1
Tank Size:	1000
Material:	0001

SPILL NUMBER 9912650 (Continued) **S104620831**

EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	231292
Operable Unit ID:	1091356
Operable Unit:	01
Material ID:	294530
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

244
ESE
1/4-1/2
0.491 mi.
2594 ft.

UNDERGROUND **NY LTANKS** **S110762280**
168 WEST BOSTON POST ROAD **N/A**
MAMARONECK, NY

Relative:
Lower

Actual:
23 ft.

LTANKS:

Name:	UNDERGROUND
Address:	168 WEST BOSTON POST ROAD
City,State,Zip:	MAMARONECK, NY
Spill Number/Closed Date:	1010867 / Not Reported
Facility ID:	1010867
Site ID:	444484
Spill Date:	2011-01-24
Spill Cause:	Tank Test Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6032
Investigator:	JKOMARA
Referred To:	Not reported
Reported to Dept:	2011-01-24
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	4
Date Entered In Computer:	2011-01-24

UNDERGROUND (Continued) **S110762280**

Spill Record Last Update:	2011-01-25
Spiller Name:	JAMES RUDE
Spiller Company:	UNKNOWN
Spiller Address:	168 WEST BOSTON POST ROAD
Spiller County:	999
Spiller Contact:	JAMES ROOD
Spiller Phone:	(845) 2280076
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	399380
DEC Memo:	"1-24-11 Property is an unregistered PBS site. Conversation with Paul: There are three tanks. All were tested, 2 failed. 3k is 72 diam and had 58 product. 1500 gal had about 600 gal product. James Rood works for Lighthouse Environmental. He is the consultant hired by management company to oversee issues. Conversation with James: Site is unregistered. It is St Thomas Church. Burke used to be supplier and never told church to register. Church picked up a new supplier who notified them of requirements. James is waiting to hear back from Carlos. Tanks are to be emptied tomorrow and temp tanks set up. Sounds like plans are to remove tanks. jc"
Remarks:	"2 tanks on the property both failed -1500g -3000g"

All TTF:

Facility ID:	1010867
Spill Number:	1010867
Spill Tank Test:	2490015
Site ID:	444484
Tank Number:	1
Tank Size:	3000
Material:	0001
EPA UST:	False
UST:	True
Cause:	00
Source:	00
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	jbodee
Last Modified Date:	Not reported

Facility ID:	1010867
Spill Number:	1010867
Spill Tank Test:	2490016
Site ID:	444484
Tank Number:	3
Tank Size:	1500
Material:	0001
EPA UST:	False
UST:	True
Cause:	00
Source:	00
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	jbodee
Last Modified Date:	Not reported

UNDERGROUND (Continued) **S110762280**

All Materials:

Site ID:	444484
Operable Unit ID:	1194931
Operable Unit:	01
Material ID:	2190853
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MAMARONECK	S118462479	NOVELLO - APARTMENT TTF	638-640 HALSTEAD AVE		NY LTANKS
MAMARONECK	S104619232	SPILL NUMBER 8601246	RT I95 ON NEW ENGLAND TWY		NY LTANKS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/13/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/15/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/02/2019
Date Data Arrived at EDR: 07/02/2019
Date Made Active in Reports: 09/06/2019
Number of Days to Update: 66

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 08/29/2019
Number of Days to Update: 16
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 08/26/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/05/2019
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/05/2019
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/05/2019
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/05/2019
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/05/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/05/2019
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations

The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 06/14/2019
Number of Days to Update: 84

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 06/30/2014
Date Made Active in Reports: 07/21/2014
Number of Days to Update: 21

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 06/21/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/15/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/15/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/15/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Semi-Annually

VCP NYC: Voluntary Cleanup Program Listing NYC
New York City voluntary cleanup program sites.

Date of Government Version: 12/14/2018
Date Data Arrived at EDR: 12/19/2018
Date Made Active in Reports: 02/13/2019
Number of Days to Update: 56

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 09/12/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List
A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/15/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/15/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 07/02/2019
Date Data Arrived at EDR: 07/02/2019
Date Made Active in Reports: 09/06/2019
Number of Days to Update: 66

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/02/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/15/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 08/09/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SUFFOLK CO TANKS: Storage Tank Database
Facilities that have no tank information

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 05/02/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 06/19/2019
Number of Days to Update: 48

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 08/02/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 49

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 08/29/2019
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/09/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 106

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/26/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/20/2019
Date Data Arrived at EDR: 06/20/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 49

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/03/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/09/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 04/01/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 100
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/30/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 71

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/27/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 06/05/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 90

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

AIRS: Air Emissions Data
Point source emissions inventory data.

Date of Government Version: 05/06/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/04/2019
Date Made Active in Reports: 06/19/2019
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners
A listing of all registered drycleaning facilities.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 93

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING
The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 84

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/02/2019
Date Made Active in Reports: 09/06/2019
Number of Days to Update: 66

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 03/01/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 91

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 61

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 12/01/2018
Date Data Arrived at EDR: 02/13/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 120

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/05/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 13

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 07/09/2019
Date Data Arrived at EDR: 07/17/2019
Date Made Active in Reports: 09/06/2019
Number of Days to Update: 51

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List
The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing
A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 08/29/2019
Number of Days to Update: 77

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 07/26/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 08/29/2019
Number of Days to Update: 77

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 07/26/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: No Update Planned

UST - SUFFOLK: Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 05/10/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 27

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/26/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 05/10/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 27

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/26/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/14/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 83

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/25/2019
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MURPHY BROTHERS CONTRACTING
416 WAVERLY AVENUE
MAMARONECK, NY 10543

TARGET PROPERTY COORDINATES

Latitude (North):	40.94988 - 40° 56' 59.57''
Longitude (West):	73.742895 - 73° 44' 34.42''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	605808.6
UTM Y (Meters):	4533742.5
Elevation:	25 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5940545 MAMARONECK, NY
Version Date:	2013
West Map:	5940557 MOUNT VERNON, NY
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

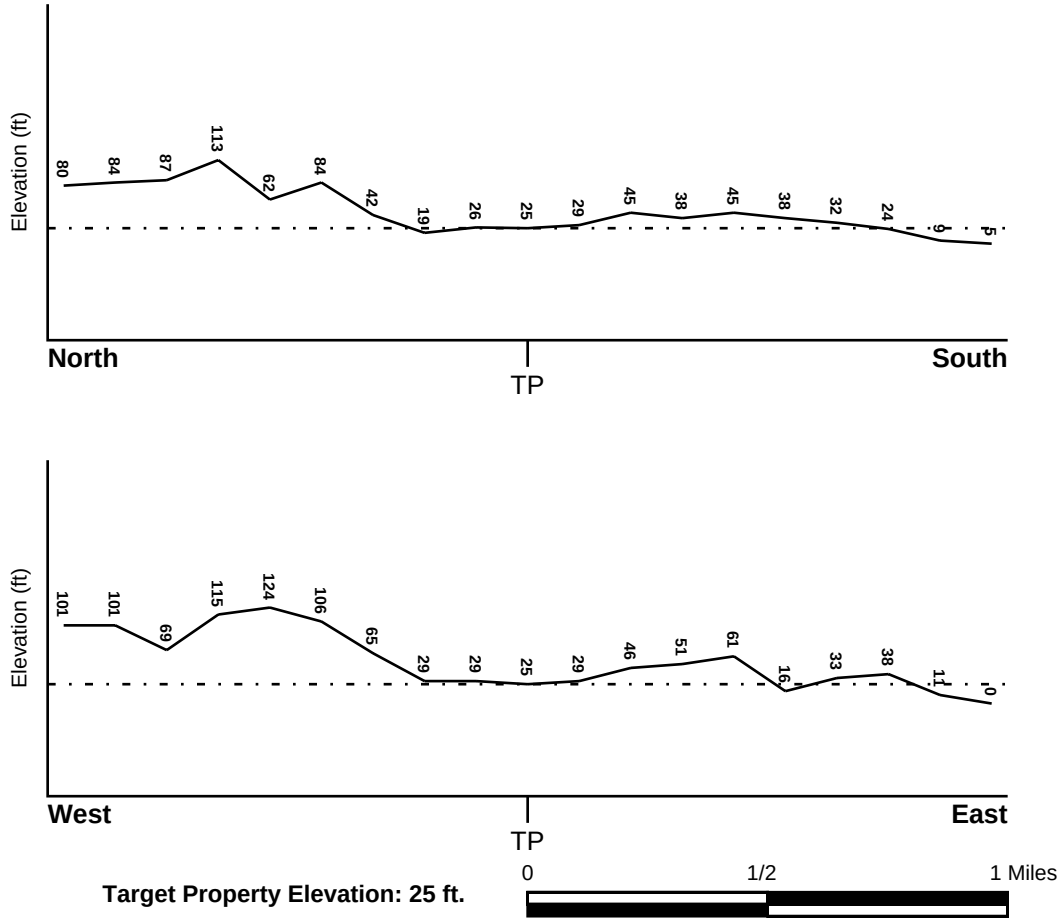
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 25 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
36119C0353F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
36119C0334F	FEMA FIRM Flood data
36119C0342F	FEMA FIRM Flood data
36119C0361F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MAMARONECK	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site–specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

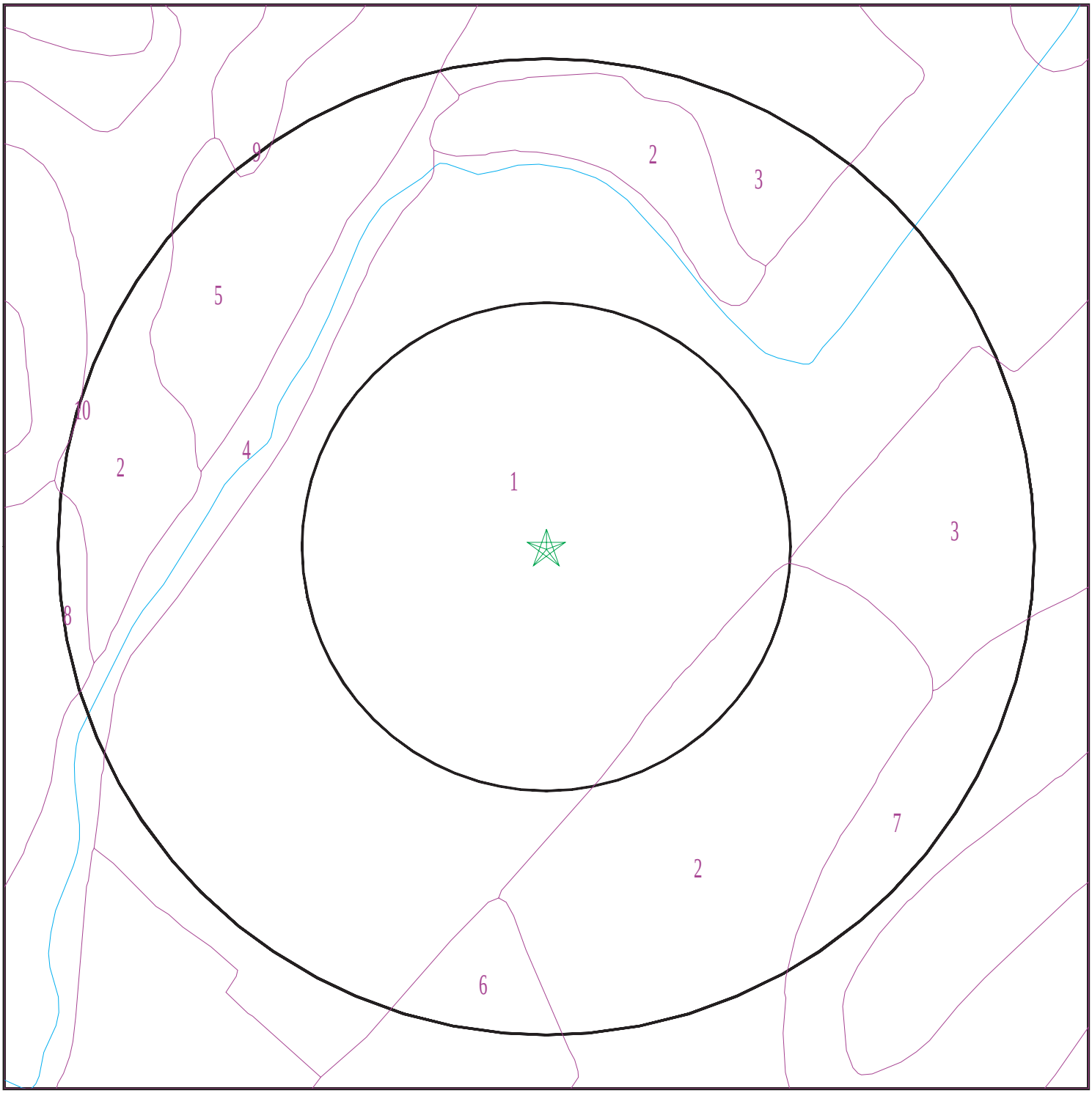
Era:	Paleozoic
System:	Ordovician
Series:	Middle Ordovician (Mohawkian)
Code:	O2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5794452.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Murphy Brothers Contracting	CLIENT:	Hydro Environmental Solutions
ADDRESS:	416 Waverly Avenue Mamaroneck NY 10543	CONTACT:	Richard Depolo
		INQUIRY #:	5794452.2s
LAT/LONG:	40.94988 / 73.742895	DATE:	September 18, 2019 3:49 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Udifluvents

Soil Surface Texture: gravelly silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 141 Min: 0.42	Max: 8.4 Min: 4.5
2	3 inches	70 inches	very gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 141 Min: 0.42	Max: 8.4 Min: 4.5

Soil Map ID: 5

Soil Component Name: Chatfield

Soil Surface Texture: loam

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.07	Max: Min:
2	7 inches	24 inches	flaggy silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.07	Max: Min:
3	24 inches	27 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.07	Max: Min:

Soil Map ID: 6

Soil Component Name: Udorthents

Soil Surface Texture: gravelly loam

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 127 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 0.42	Max: 8.4 Min: 4.5
2	3 inches	70 inches	very gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 0.42	Max: 8.4 Min: 4.5

Soil Map ID: 7

Soil Component Name: Urban land

Soil Surface Texture: gravelly loam

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 8

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	variable	Not reported	Not reported	Max: 1.4 Min: 0	Max: Min:

Soil Map ID: 9

Soil Component Name: Chatfield

Soil Surface Texture: loam

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.07	Max: Min:
2	7 inches	24 inches	flaggy silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.07	Max: Min:
3	24 inches	27 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.07	Max: Min:

Soil Map ID: 10

Soil Component Name: Urban land

Soil Surface Texture: loam

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000836380	0 - 1/8 Mile WSW
A2	USGS40000836381	0 - 1/8 Mile East
A3	USGS40000836398	0 - 1/8 Mile NE
4	USGS40000836399	0 - 1/8 Mile WNW
5	USGS40000836409	1/8 - 1/4 Mile ENE
6	USGS40000836250	1/4 - 1/2 Mile SSW
7	USGS40000836510	1/4 - 1/2 Mile NNE
8	USGS40000836509	1/2 - 1 Mile NNE
10	USGS40000836249	1/2 - 1 Mile SW
11	USGS40000836175	1/2 - 1 Mile South
12	USGS40000836610	1/2 - 1 Mile North
14	USGS40000836620	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

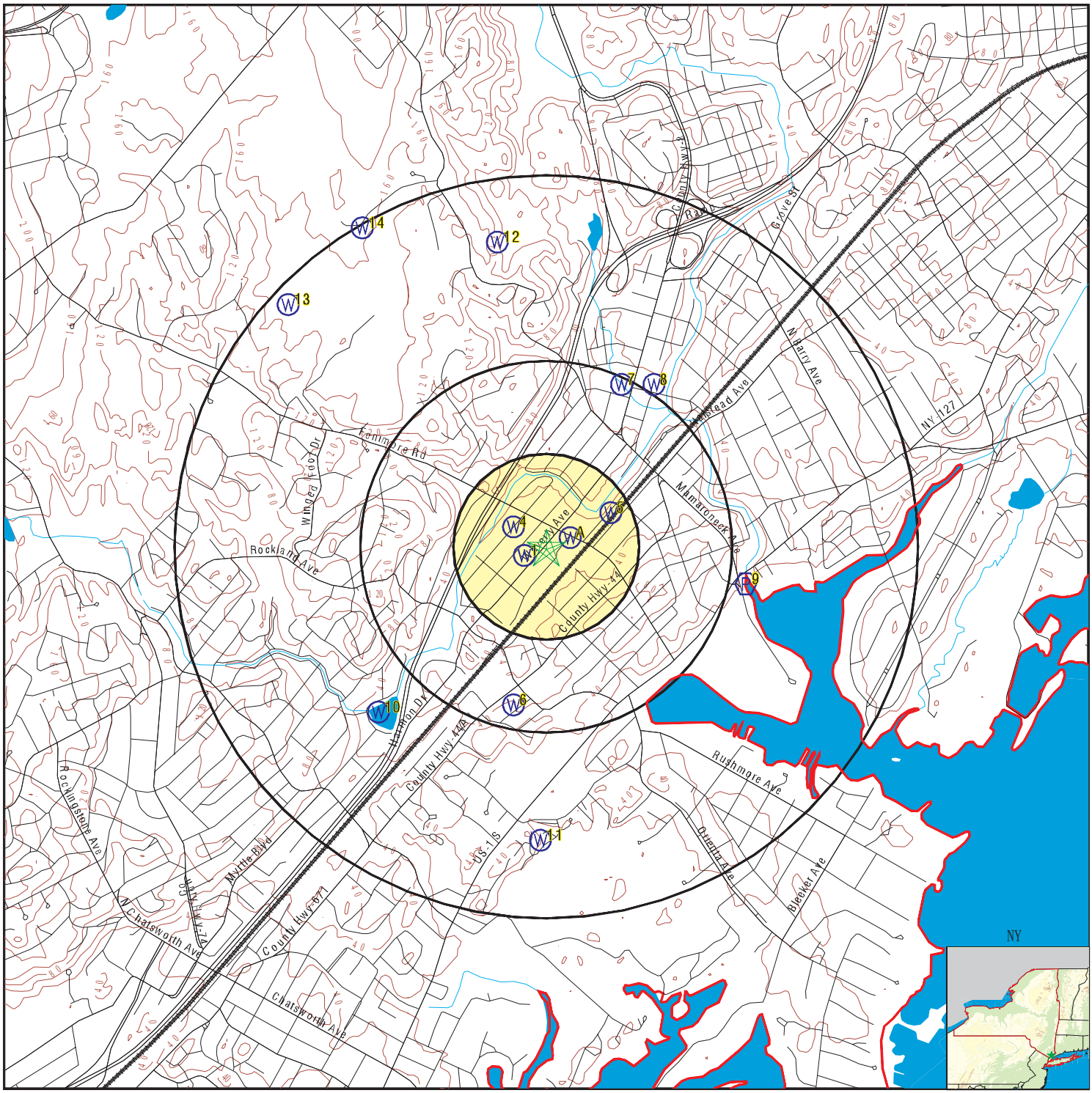
MAP ID	WELL ID	LOCATION FROM TP
9	NY0003435	1/2 - 1 Mile East

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
13	NYWS30000024029	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 5794452.2s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
HD Closest Hydrogeological Data
Oil, gas or related wells

N

SITE NAME:	Murphy Brothers Contracting	CLIENT:	Hydro Environmental Solutions
ADDRESS:	416 Waverly Avenue Mamaroneck NY 10543	CONTACT:	Richard Depolo
		INQUIRY #:	5794452.2s
LAT/LONG:	40.94988 / 73.742895	DATE:	September 18, 2019 3:49 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
WSW
0 - 1/8 Mile
Higher

FED USGS **USGS40000836380**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 27	Type:	Well
Description:	Not Reported	HUC:	02030102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	331	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1955
Feet below surface:	5.00	Feet to sea level:	Not Reported
Note:	Not Reported		

A2
East
0 - 1/8 Mile
Higher

FED USGS **USGS40000836381**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 144	Type:	Well
Description:	Not Reported	HUC:	02030102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	600	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1950
Feet below surface:	28.00	Feet to sea level:	Not Reported
Note:	Not Reported		

A3
NE
0 - 1/8 Mile
Lower

FED USGS **USGS40000836398**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 141	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	300	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1955
Feet below surface:	12.00	Feet to sea level:	Not Reported

Note: Not Reported

4
WNW **FED USGS** **USGS40000836399**
0 - 1/8 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 140	Type:	Well
Description:	Not Reported	HUC:	02030102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	500	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

5
ENE **FED USGS** **USGS40000836409**
1/8 - 1/4 Mile
Lower

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 145	Type:	Well
Description:	Not Reported	HUC:	02030102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	450	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:		1	Level reading date:	1955
Feet below surface:	40.00		Feet to sea level:	Not Reported
Note:	Not Reported			

6
SSW **FED USGS** **USGS40000836250**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE1077	Type:	Well
Description:	Not Reported	HUC:	02030102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	100	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:		1	Level reading date:	1955
Feet below surface:	15.00		Feet to sea level:	Not Reported
Note:	Not Reported			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

7
NNE **FED USGS** **USGS40000836510**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 142	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	100
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

8
NNE **FED USGS** **USGS40000836509**
1/2 - 1 Mile
Lower

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 143	Type:	Well
Description:	Not Reported	HUC:	02030102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	412	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1955
Feet below surface:	6.00	Feet to sea level:	Not Reported
Note:	Not Reported		

9
East **FRDS PWS** **NY0003435**
1/2 - 1 Mile
Lower

PWS ID:	NY0003435	PWS type:	System Owner/Responsible Party
PWS name:	BALANCIA CHARLES	PWS address:	BOARD OF WATER COMMISSIONS
PWS address:	1625 MAMARONECK AVE.	PWS city:	MAMARONECK
PWS state:	NY	PWS zip:	10543
PWS ID:	NY0003435	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00047933	System name:	WESTCHESTER JOINT WATER WORKS
System address:	Not Reported	System address:	1625 MAMARONECK AVE.
System city:	MAMARONECK	System state:	NY
System zip:	10543		
County FIPS:	059	City served:	MAMARONECK
Latitude:	405654	Longitude:	0734359
Latitude:	410408	Longitude:	0734312

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

10
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000836249**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 28	Type:	Well
Description:	Not Reported	HUC:	02030102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	100	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

11
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000836175**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 147	Type:	Well
Description:	Not Reported	HUC:	02030102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	308	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1955
Feet below surface:	8.00	Feet to sea level:	Not Reported
Note:	Not Reported		

12
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000836610**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE1381	Type:	Well
Description:	Not Reported	HUC:	02030102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	600	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

13
NW
1/2 - 1 Mile
Higher

NY WELLS **NYWS30000024029**

DEC Well #:	WE6175	Location Description:	FENIMORE RD
Well Depth (ft):	670	Bedrock Depth (ft):	5
Groundwater Depth (ft):	Not Reported	Casing Depth(ft):	Not Reported
Screened Well:	N	Avg Dischg Rate (g/m):	3
Driller Registration #:	NYRD10105		

14
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000836620**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE1109	Type:	Well
Description:	Not Reported	HUC:	02030102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	500	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
WESTCHESTER	BEDFORD	108	2.44	1.65	21.7
WESTCHESTER	CORTLANDT	169	5.15	2.22	95.4
WESTCHESTER	EASTCHESTER	76	2.89	1.75	41.9
WESTCHESTER	GREENBURGH	222	2.26	1.46	21.8
WESTCHESTER	HARRISON	69	3.3	2.07	42.3
WESTCHESTER	LEWISBORO	72	3.91	2.61	19.2
WESTCHESTER	MAMARONECK	123	4	2.42	35.9
WESTCHESTER	MT. KISCO	38	2.33	1.72	9.3
WESTCHESTER	MT. PLEASANT	172	2.13	1.43	17.1
WESTCHESTER	MT. VERNON	53	2.82	1.65	32
WESTCHESTER	NEW CASTLE	134	2.2	1.46	31.7
WESTCHESTER	NEW ROCHELLE	127	1.92	1.31	13.8
WESTCHESTER	NO. CASTLE	64	3.49	2.25	16.5
WESTCHESTER	NO. SALEM	56	3.78	2.56	25.7
WESTCHESTER	OSSINING	65	2.08	1.39	10.9
WESTCHESTER	PEEKSKILL	47	3.66	2.34	19.9
WESTCHESTER	PELHAM	26	2.5	1.91	9.1
WESTCHESTER	POUND RIDGE	34	3.37	2.22	18.5
WESTCHESTER	RYE	98	2.24	1.63	9.5
WESTCHESTER	SCARSDALE	138	2.35	1.63	22.4
WESTCHESTER	SOMERS	72	3.89	2.82	21.3
WESTCHESTER	WHITE PLAINS	132	2.76	1.48	65.2
WESTCHESTER	YONKERS	153	2.23	1.37	16
WESTCHESTER	YORKTOWN	181	2.7	1.72	27.2

Federal EPA Radon Zone for WESTCHESTER County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for WESTCHESTER COUNTY, NY

Number of sites tested: 650

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.930 pCi/L	97%	3%	0%
Basement	1.730 pCi/L	84%	13%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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INQUIRY #: 5794452.8
YEAR: 1953
= 500'
N
EDR

INQUIRY #: 5794452.8
YEAR: 1951
= 500'
N
EDR

INQUIRY #: 5794452.8
YEAR: 1974
= 500'
N
EDR

Murphy Brothers Contracting

416 Waverly Avenue

Mamaroneck, NY 10543

Inquiry Number: 5794452.8

September 19, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

09/19/19

Site Name:

Murphy Brothers Contracting
416 Waverly Avenue
Mamaroneck, NY 10543
EDR Inquiry # 5794452.8

Client Name:

Hydro Environmental Solutions
1 Deans Bridge Rd
Somers, NY 10589-0000
Contact: Richard Depolo

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: April 04, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: April 20, 1989	NYDOT
1984	1"=500'	Flight Date: March 26, 1984	USDA
1974	1"=500'	Flight Date: October 24, 1974	USDA
1964	1"=500'	Flight Date: March 23, 1964	USGS
1961	1"=500'	Flight Date: December 15, 1961	EDR Proprietary Aerial Viewpoint
1953	1"=500'	Flight Date: November 29, 1953	USGS
1951	1"=500'	Flight Date: April 20, 1951	EDR Proprietary Aerial Viewpoint

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INQUIRY #: 5794452.8
YEAR: 2017
= 500'
N
EDR

INQUIRY #: 5794452.8
YEAR: 2013
= 500'
N
EDR

INQUIRY #: 5794452.8
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 5794452.8
YEAR: 2006
= 500'
N
EDR

INQUIRY #: 5794452.8

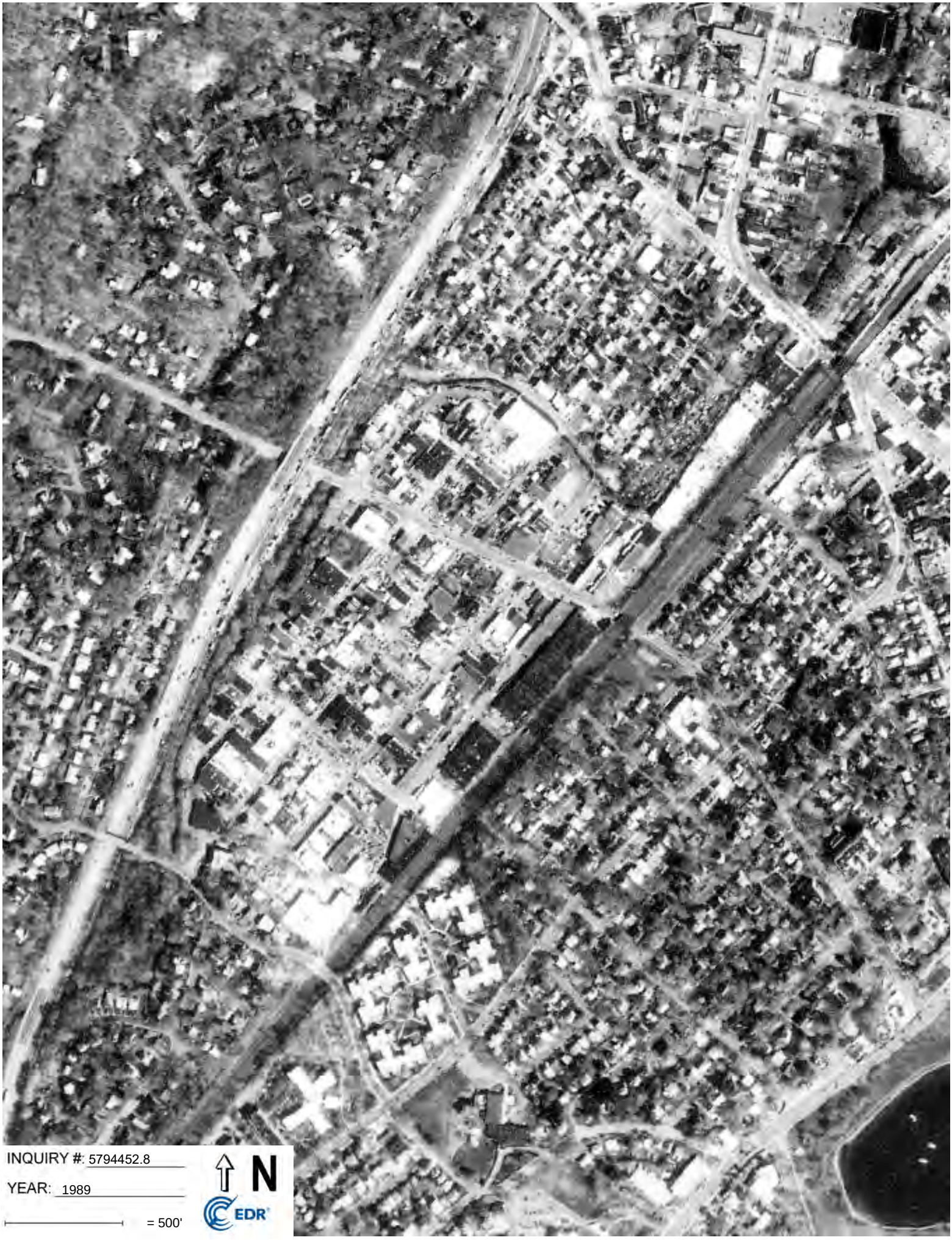
YEAR: 1994

= 500'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.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YEAR: 1989
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EDR

INQUIRY #: 5794452.8
YEAR: 1984
= 500'
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EDR

INQUIRY #: 5794452.8
YEAR: 1964
= 500'
N
EDR

INQUIRY #: 5794452.8
YEAR: 1961
= 500'
N
EDR

Murphy Brothers Contracting
416 Waverly Avenue
Mamaroneck, NY 10543

Inquiry Number: 5794452.4
September 18, 2019

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

09/18/19

Site Name:

Murphy Brothers Contracting
416 Waverly Avenue
Mamaroneck, NY 10543
EDR Inquiry # 5794452.4

Client Name:

Hydro Environmental Solutions
1 Deans Bridge Rd
Somers, NY 10589-0000
Contact: Richard Depolo

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Hydro Environmental Solutions were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: 416 Waverly Avenue

Coordinates:

..... :	40.94988 40° 57' 0" North
Longitude:	-73.742895 -73° 44' 34" West
UTM Zone:	Zone 18 North
UTM X Meters:	605805.72
UTM Y Meters:	4533954.09
Elevation:	25.52' above sea level

Maps Provided:

2013
1995
1975, 1979
1966, 1967
1955, 1956
1947
1900
1898
1897

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets

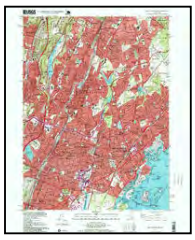
Mount Vernon

7.5-minute, 24000

Mamaroneck

7.5-minute, 24000

1995 Source Sheets



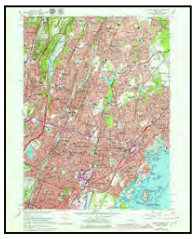
Mount Vernon

7.5-minute, 24000
Aerial Photo Revised 1977

1975, 1979 Source Sheets

Mamaroneck

7.5-minute, 24000
Aerial Photo Revised 1966



Mount Vernon

7.5-minute, 24000
Aerial Photo Revised 1977

1966, 1967 Source Sheets

Mount Vernon

7.5-minute, 24000
Aerial Photo Revised 1966

Mamaroneck

7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1955, 1956 Source Sheets

Mamaroneck

7.5-minute, 24000
Aerial Photo Revised 1941

Mount Vernon

7.5-minute, 24000
Aerial Photo Revised 1954

1947 Source Sheets

Mamaroneck

7.5-minute, 24000
Aerial Photo Revised 1941

Mt Vernon

7.5-minute, 24000
Aerial Photo Revised 1941

1900 Source Sheets

Harlem

15-minute, 62500

Oyster Bay

15-minute, 62500

1898 Source Sheets

Oyster Bay

15-minute, 62500

Harlem

15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1897 Source Sheets

Harlem

15-minute, 62500

Oyster Bay

15-minute, 62500

This report includes information from the following map sheet(s).

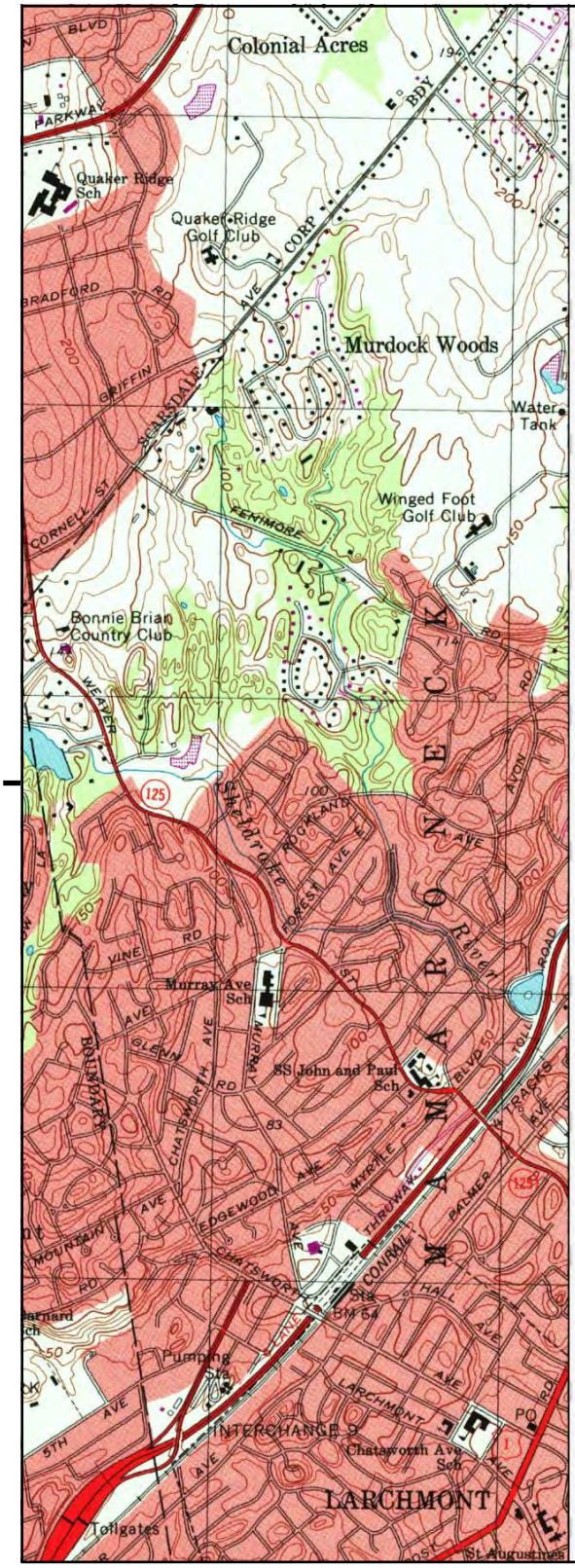
0 Miles 0.25 0.5 1 1.5

NW N NE
W
SW S SE

TP, Mamaroneck, 2013, 7.5-minute
W, Mount Vernon, 2013, 7.5-minute

SITE NAME: Murphy Brothers Contracting
ADDRESS: 416 Waverly Avenue
Mamaroneck, NY 10543
CLIENT: Hydro Environmental Solutions

N



UNMAPPED

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

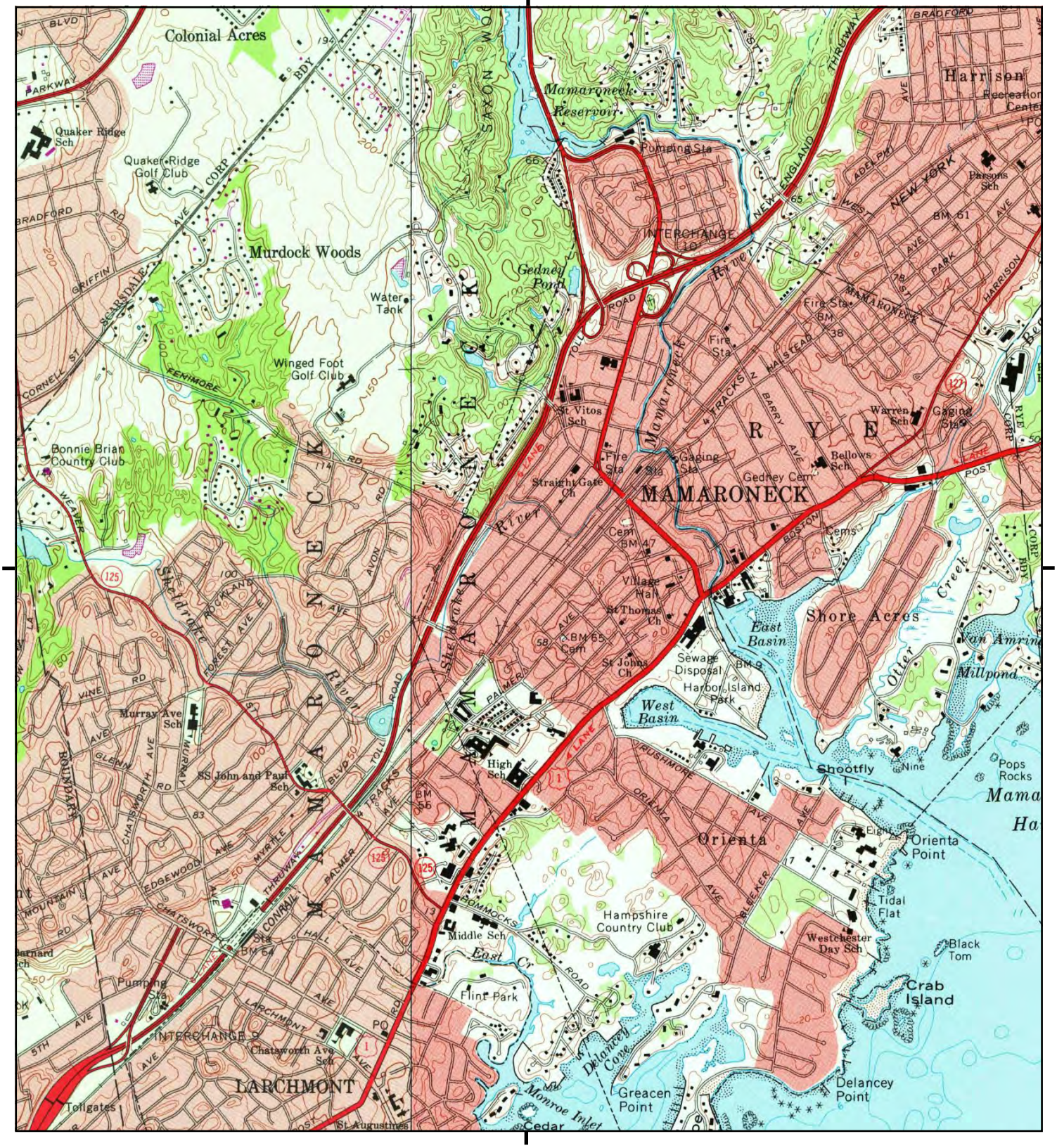
W, Mount Vernon, 1995, 7.5-minute

SITE NAME: Murphy Brothers Contracting
ADDRESS: 416 Waverly Avenue
Mamaroneck, NY 10543
CLIENT: Hydro Environmental Solutions

N

Historical Topo Map

1975, 1979



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

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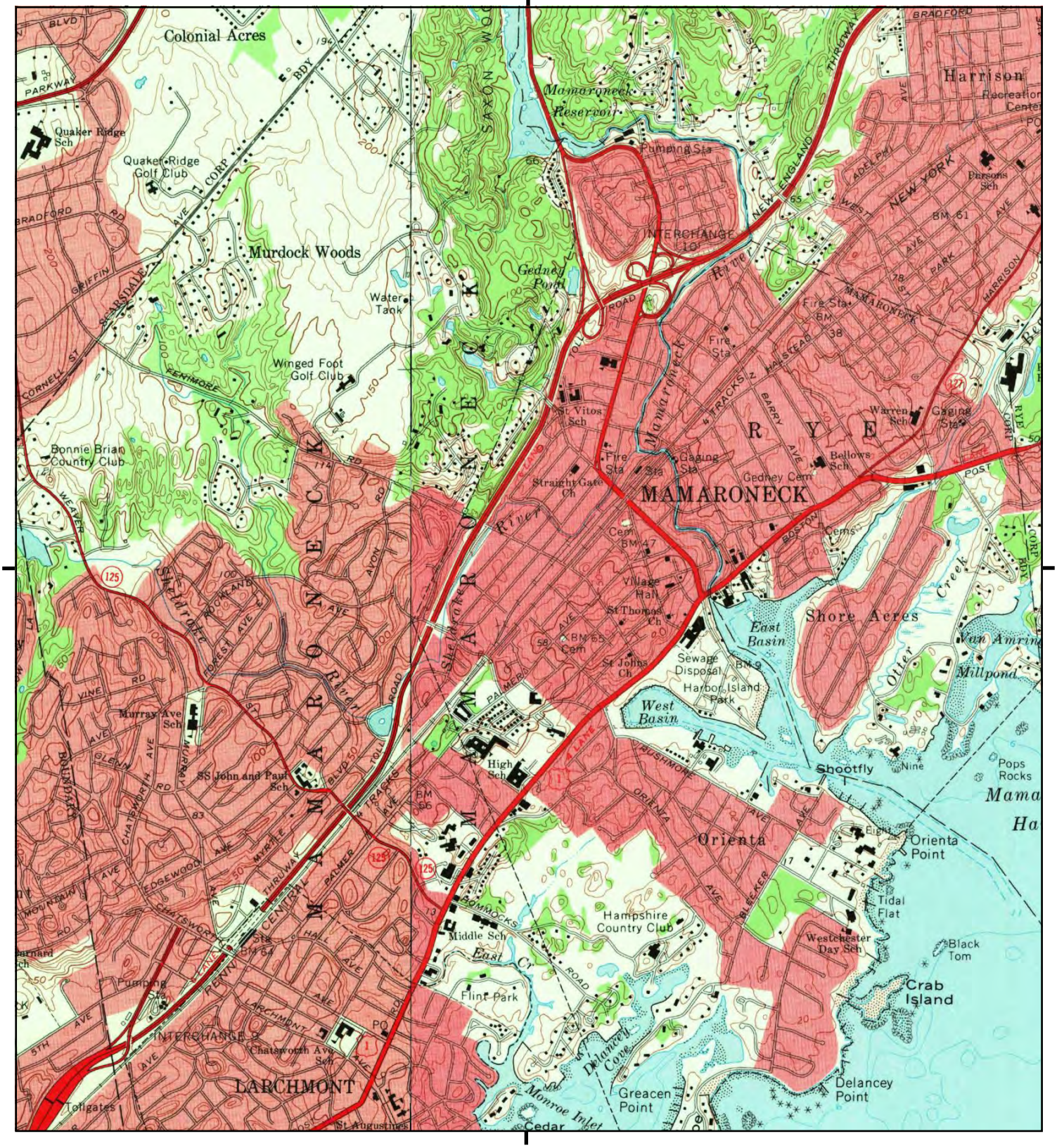
W E
SW S SE

TP, Mamaroneck, 1975, 7.5-minute
W, Mount Vernon, 1979, 7.5-minute

SITE NAME: Murphy Brothers Contracting
ADDRESS: 416 Waverly Avenue
Mamaroneck, NY 10543
CLIENT: Hydro Environmental Solutions

N



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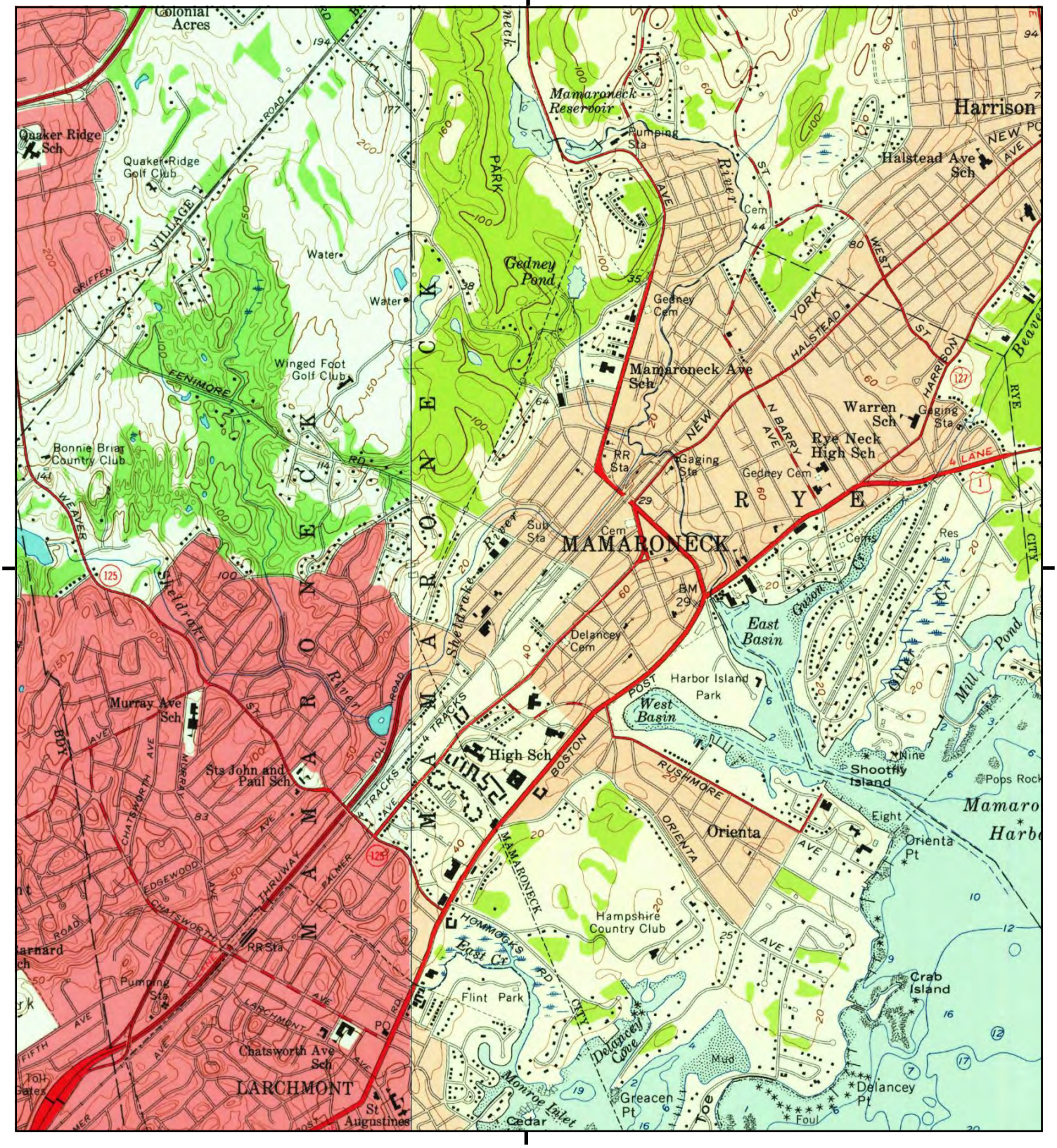
NW N NE
W E
SW S SE

TP, Mamaroneck, 1967, 7.5-minute
W, Mount Vernon, 1966, 7.5-minute

SITE NAME: Murphy Brothers Contracting
ADDRESS: 416 Waverly Avenue
Mamaroneck, NY 10543
CLIENT: Hydro Environmental Solutions

N



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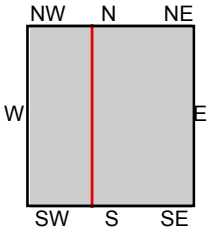

TP, Mamaroneck, 1955, 7.5-minute
W, Mount Vernon, 1956, 7.5-minute

SITE NAME: Murphy Brothers Contracting
ADDRESS: 416 Waverly Avenue
Mamaroneck, NY 10543
CLIENT: Hydro Environmental Solutions

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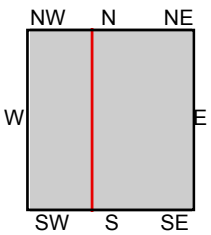

TP, Mamaroneck, 1947, 7.5-minute
W, Mt Vernon, 1947, 7.5-minute

SITE NAME: Murphy Brothers Contracting
ADDRESS: 416 Waverly Avenue
Mamaroneck, NY 10543
CLIENT: Hydro Environmental Solutions

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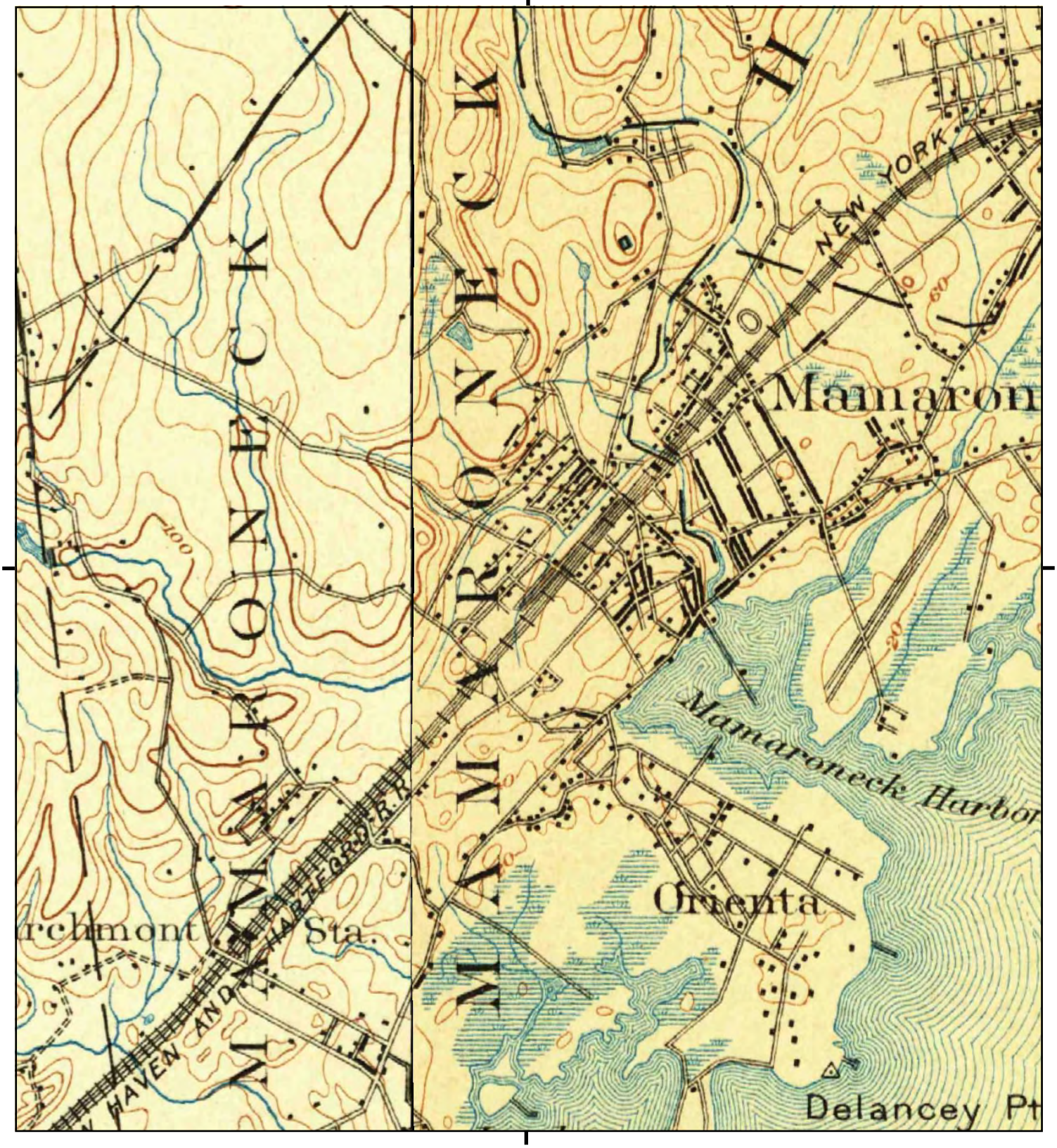

This report includes information from the following map sheet(s).

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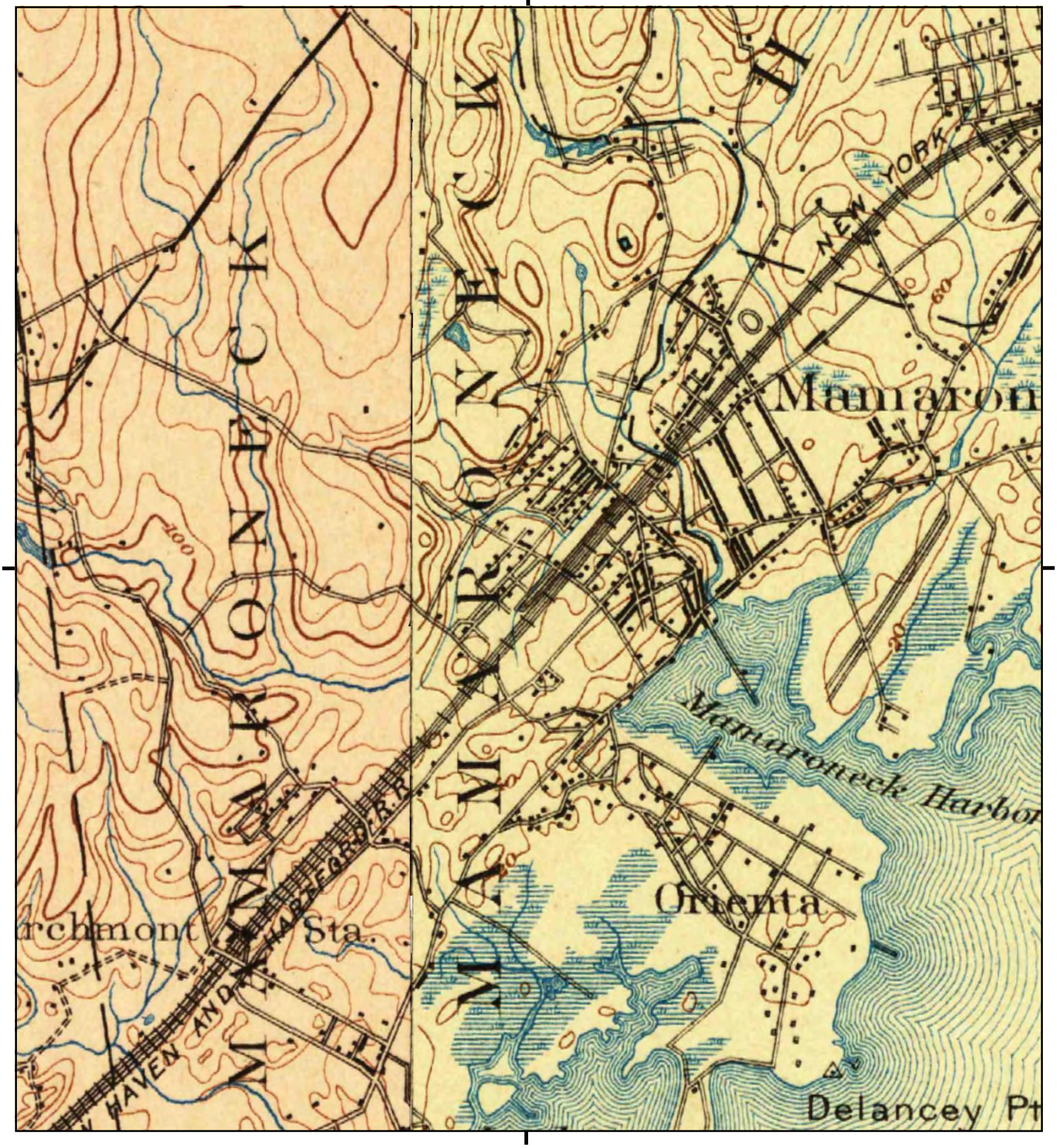
NW N NE
W E
SW S SE

TP, Oyster Bay, 1900, 15-minute
SW, Harlem, 1900, 15-minute

SITE NAME: Murphy Brothers Contracting
ADDRESS: 416 Waverly Avenue
Mamaroneck, NY 10543
CLIENT: Hydro Environmental Solutions

N



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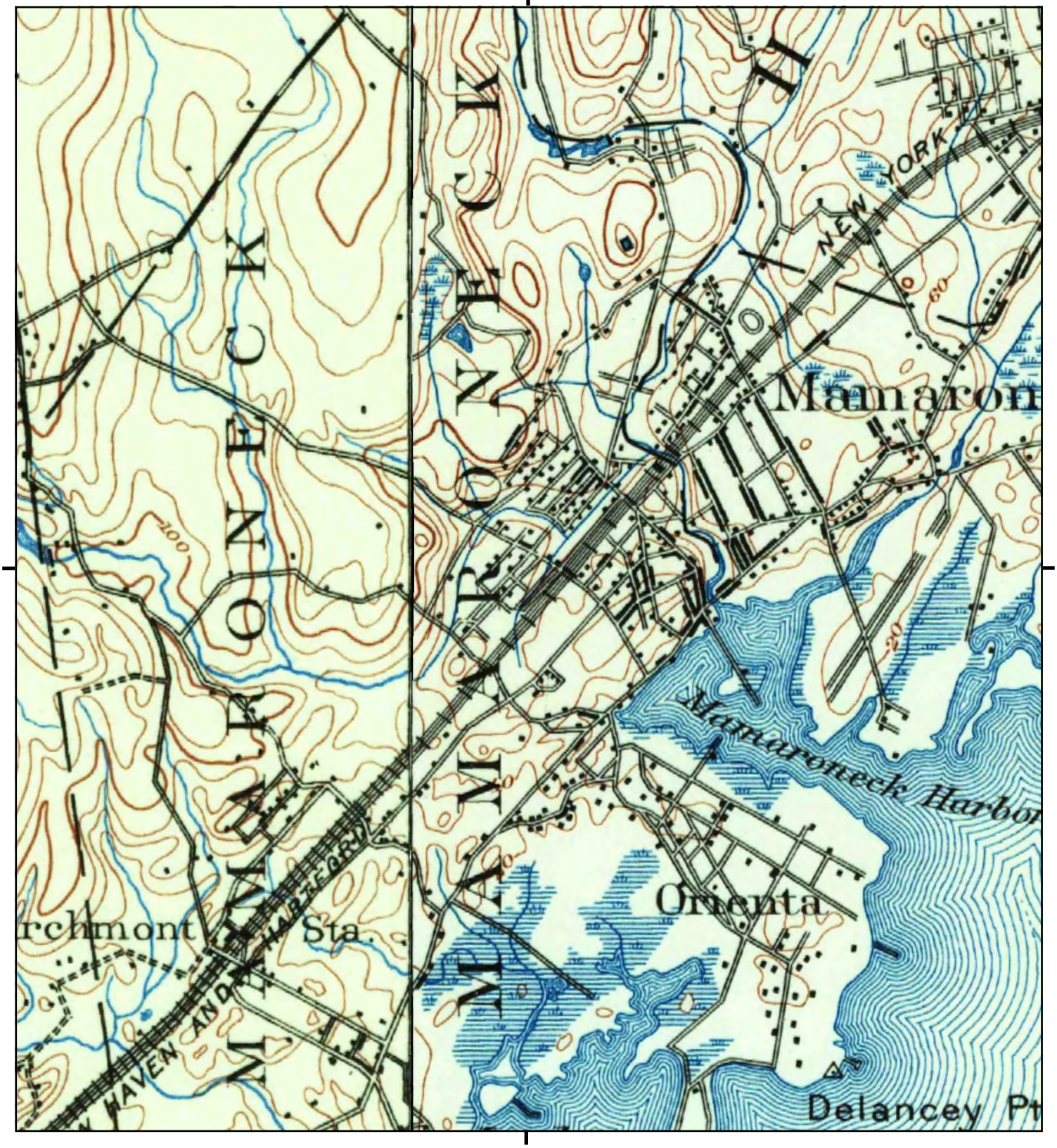
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Oyster Bay, 1898, 15-minute
SW, Harlem, 1898, 15-minute

SITE NAME: Murphy Brothers Contracting
ADDRESS: 416 Waverly Avenue
Mamaroneck, NY 10543
CLIENT: Hydro Environmental Solutions

N



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0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Oyster Bay, 1897, 15-minute
SW, Harlem, 1897, 15-minute

SITE NAME: Murphy Brothers Contracting
ADDRESS: 416 Waverly Avenue
Mamaroneck, NY 10543
CLIENT: Hydro Environmental Solutions

N

Murphy Brothers Contracting
416 Waverly Avenue
Mamaroneck, NY 10543

Inquiry Number: 5794452.3
September 18, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/18/19

Site Name:

Murphy Brothers Contracting
416 Waverly Avenue
Mamaroneck, NY 10543
EDR Inquiry # 5794452.3

Client Name:

Hydro Environmental Solutions
1 Deans Bridge Rd
Somers, NY 10589-0000
Contact: Richard Depolo

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Certified Sanborn Results:

Certification # 6E7A-4AF9-8D08

PO # NA

Project 416 Waverly Avenue

Maps Provided:

2003	1942
1996	1934
1995	1919
1994	1912
1992	1908
1988	1902
1963	1896
1950	

Sanborn® Library search results

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- ☑ Library of Congress
- ☑ University Publications of America
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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2003 Source Sheets

Volume 1, Sheet 30

Volume 1, Sheet 31

Volume 1, Sheet 29d

1996 Source Sheets

Volume 1, Sheet 29d

Volume 1, Sheet 30

Volume 1, Sheet 31

1995 Source Sheets

Volume 1, Sheet 29d

Volume 1, Sheet 30

Volume 1, Sheet 31

1994 Source Sheets

Volume 1, Sheet 31

Volume 1, Sheet 29d

Volume 1, Sheet 30

Sanborn Sheet Key

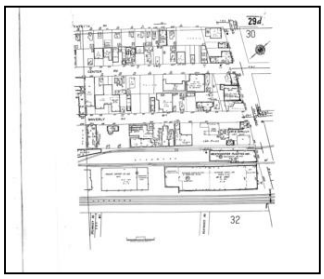
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1992 Source Sheets

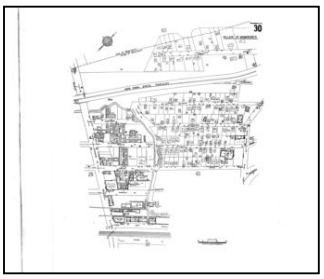
Volume 1, Sheet 29d

Volume 1, Sheet 30

1988 Source Sheets



Volume 1, Sheet 29d



Volume 1, Sheet 30

Volume 1, Sheet 31

1963 Source Sheets

Volume 1, Sheet 29

Volume 1, Sheet 30

1950 Source Sheets

Volume 1, Sheet 29

Volume 1, Sheet 30

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1942 Source Sheets

Volume 1, Sheet 23

1934 Source Sheets

Volume 1, Sheet 29

Volume 1, Sheet 30

1919 Source Sheets

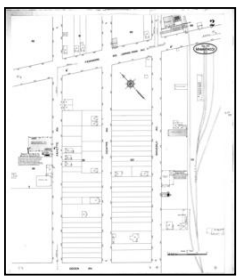
Volume 1, Sheet 15

Volume 1, Sheet 16

Volume 1, Sheet 17

Volume 1, Sheet 18

1912 Source Sheets



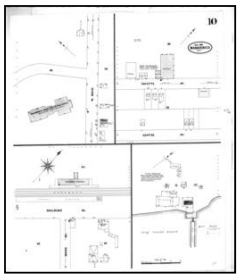
Volume 1, Sheet 2

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1908 Source Sheets

Volume 1, Sheet Keymap/Sheet1



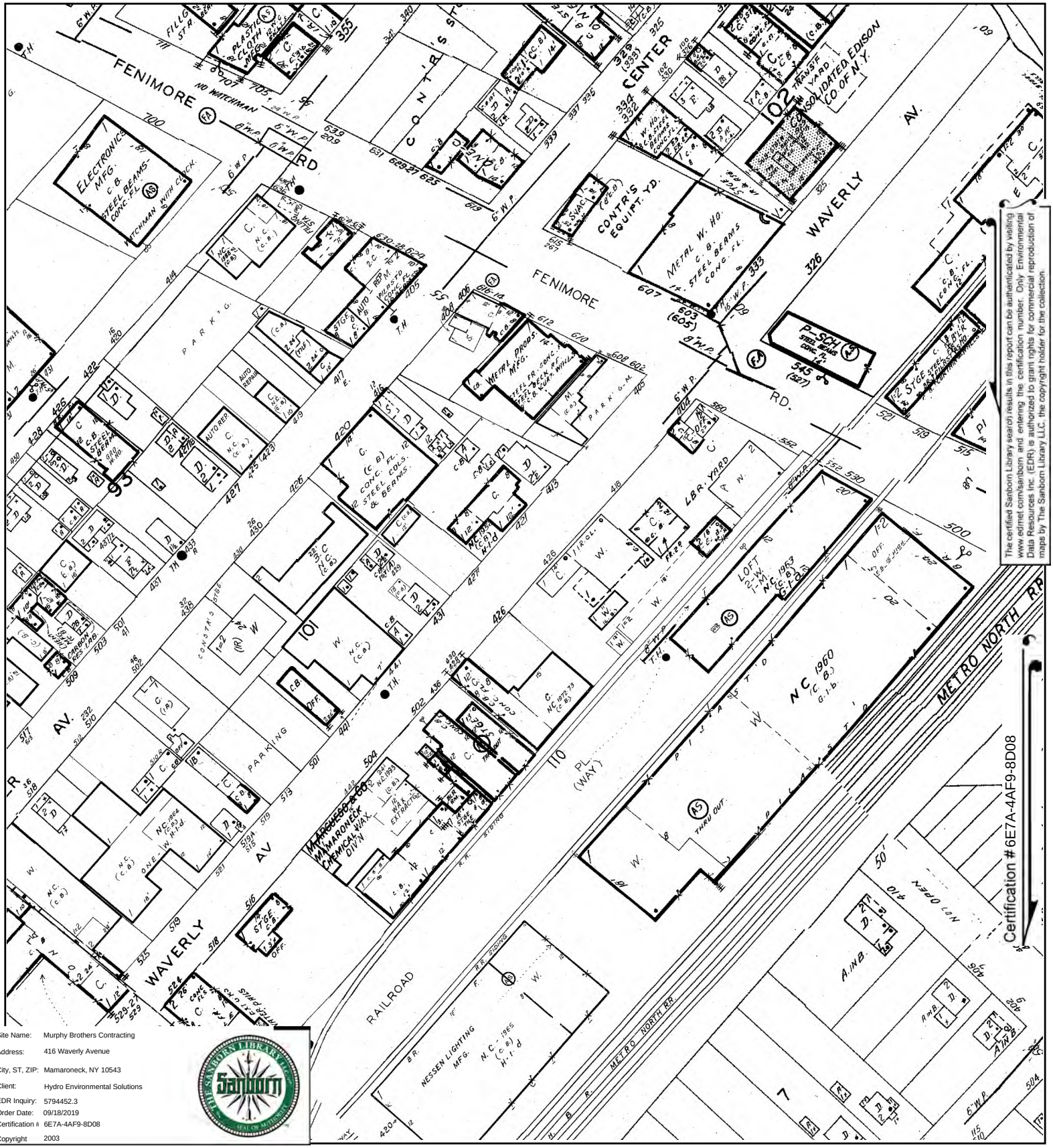
Volume 1, Sheet 10

1902 Source Sheets

Volume 1, Sheet Keymap/Sheet1

1896 Source Sheets

Volume 1, Sheet Keymap/Sheet1



Site Name:	Murphy Brothers Contracting
Address:	416 Waverly Avenue
City, ST, ZIP:	Mamaroneck, NY 10543
Client:	Hydro Environmental Solutions
EDR Inquiry:	5794452.3
Order Date:	09/18/2019
Certification #	6E7A-4AF9-8D08
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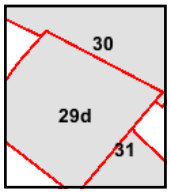

Volume 1, Sheet 29d
Volume 1, Sheet 31
Volume 1, Sheet 30

N

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Site Name: Murphy Brothers Contracting
Address: 416 Waverly Avenue
City, ST, ZIP: Mamaroneck, NY 10543
Client: Hydro Environmental Solutions
EDR Inquiry: 5794452.3
Order Date: 09/18/2019
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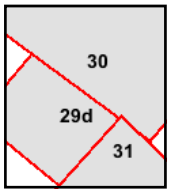

Volume 1, Sheet 31
Volume 1, Sheet 30
Volume 1, Sheet 29d

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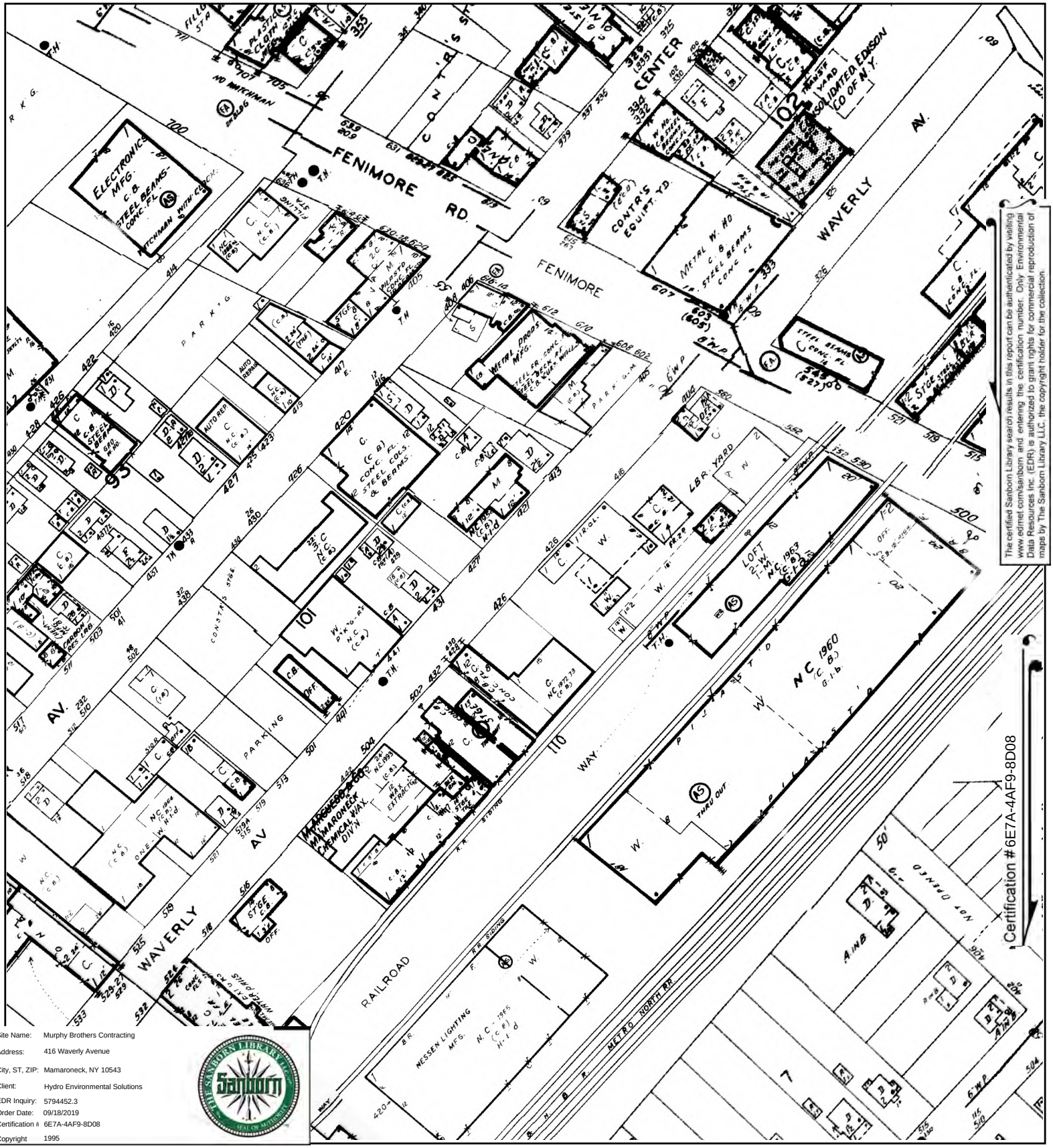

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Address:	416 Waverly Avenue
City, ST, ZIP:	Mamaroneck, NY 10543
Client:	Hydro Environmental Solutions
EDR Inquiry:	5794452.3
Order Date:	09/18/2019
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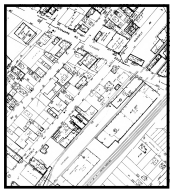

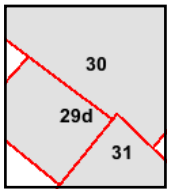

Volume 1, Sheet 31
Volume 1, Sheet 30
Volume 1, Sheet 29d

0 Feet 150 300 600

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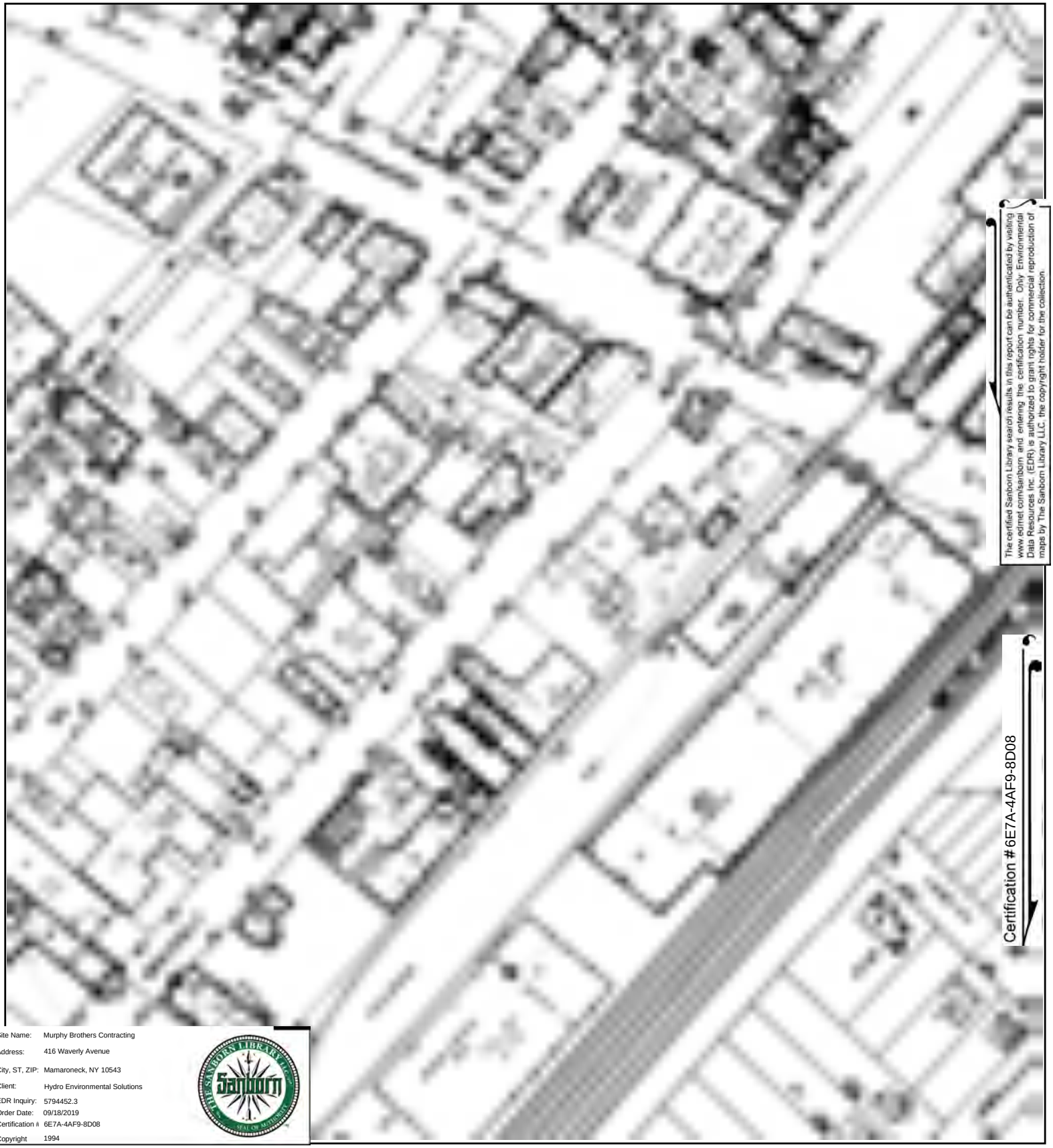

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Certification #6E7A-4AF9-8D08

Site Name: Murphy Brothers Contracting
Address: 416 Waverly Avenue
City, ST, ZIP: Mamaroneck, NY 10543
Client: Hydro Environmental Solutions
EDR Inquiry: 5794452.3
Order Date: 09/18/2019
Certification #: 6E7A-4AF9-8D08
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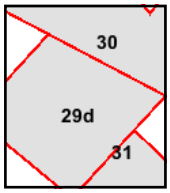

Volume 1, Sheet 30
Volume 1, Sheet 29d
Volume 1, Sheet 31

0 Feet 150 300 600

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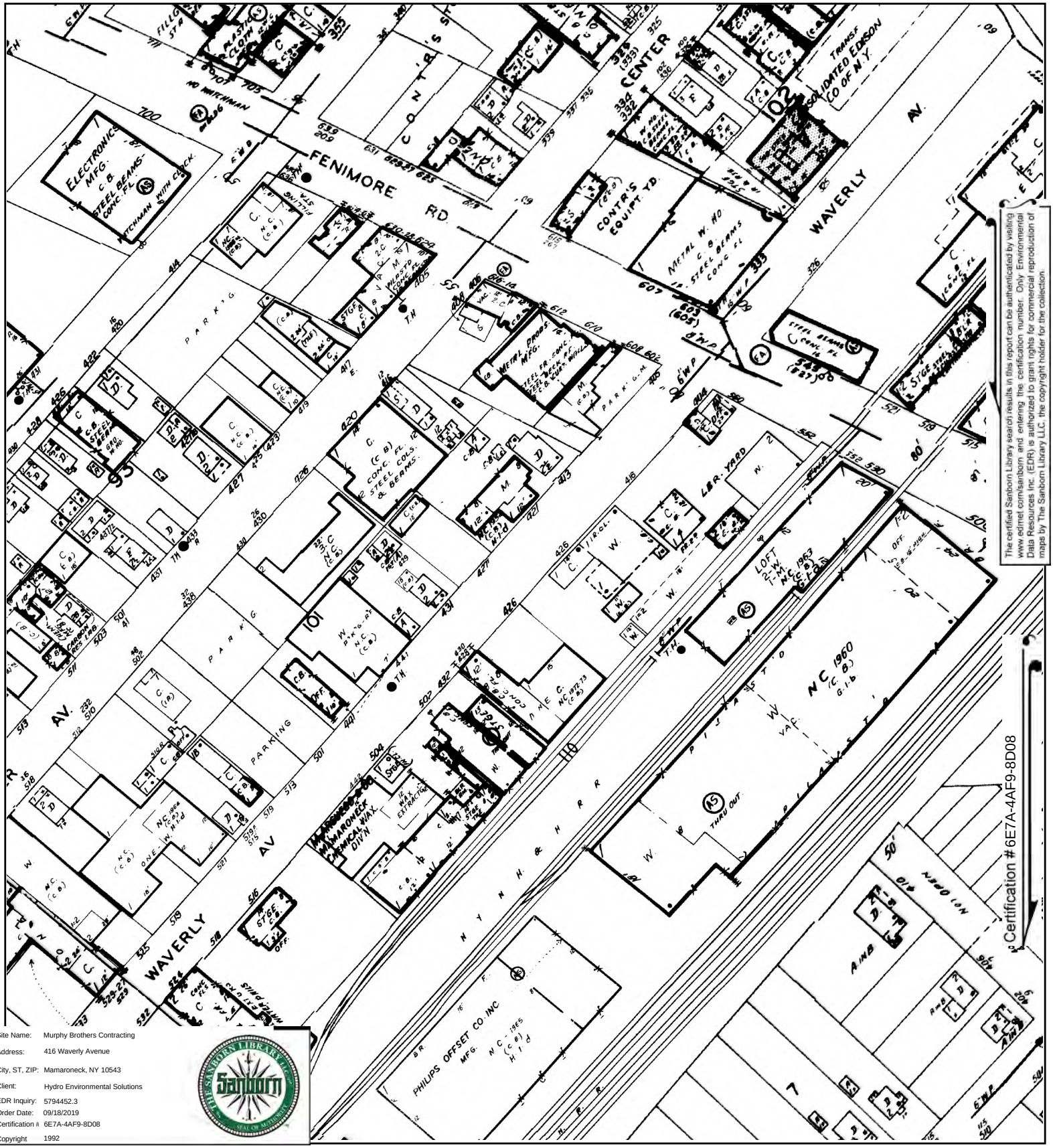

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Address:	416 Waverly Avenue
City, ST, ZIP:	Mamaroneck, NY 10543
Client:	Hydro Environmental Solutions
EDR Inquiry:	5794452.3
Order Date:	09/18/2019
Certification #	6E7A-4AF9-8D08
Copyright	1992

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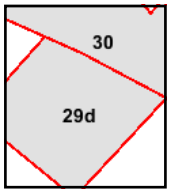
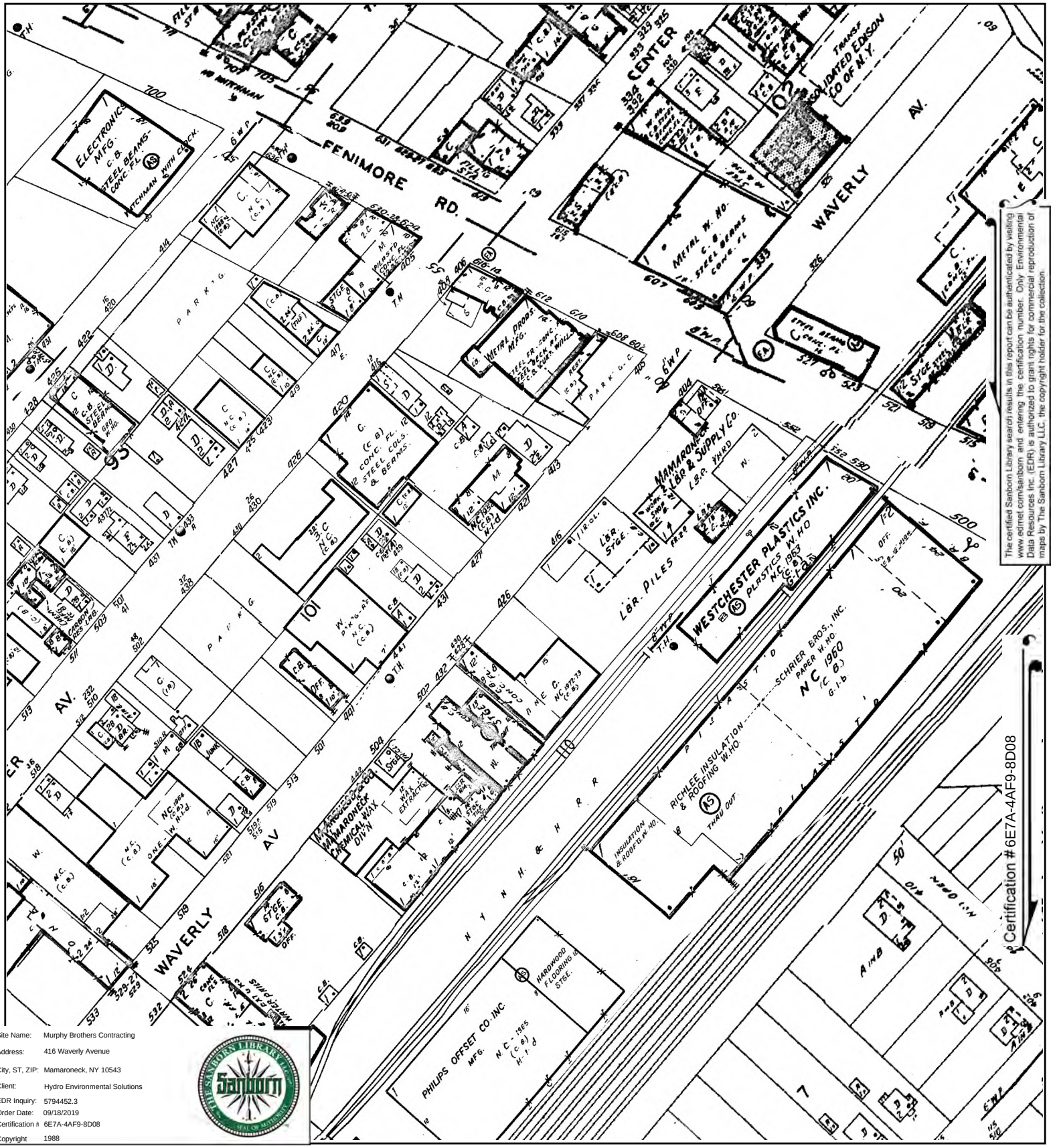


Volume 1, Sheet 30
Volume 1, Sheet 29d

N



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Address:	416 Waverly Avenue
City, ST, ZIP:	Mamaroneck, NY 10543
Client:	Hydro Environmental Solutions
EDR Inquiry:	5794452.3
Order Date:	09/18/2019
Certification #:	6E7A-4AF9-8D08
Copyright	1988

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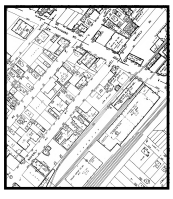

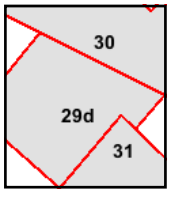

Volume 1, Sheet 31
Volume 1, Sheet 30
Volume 1, Sheet 29d

0 Feet 150 300 600

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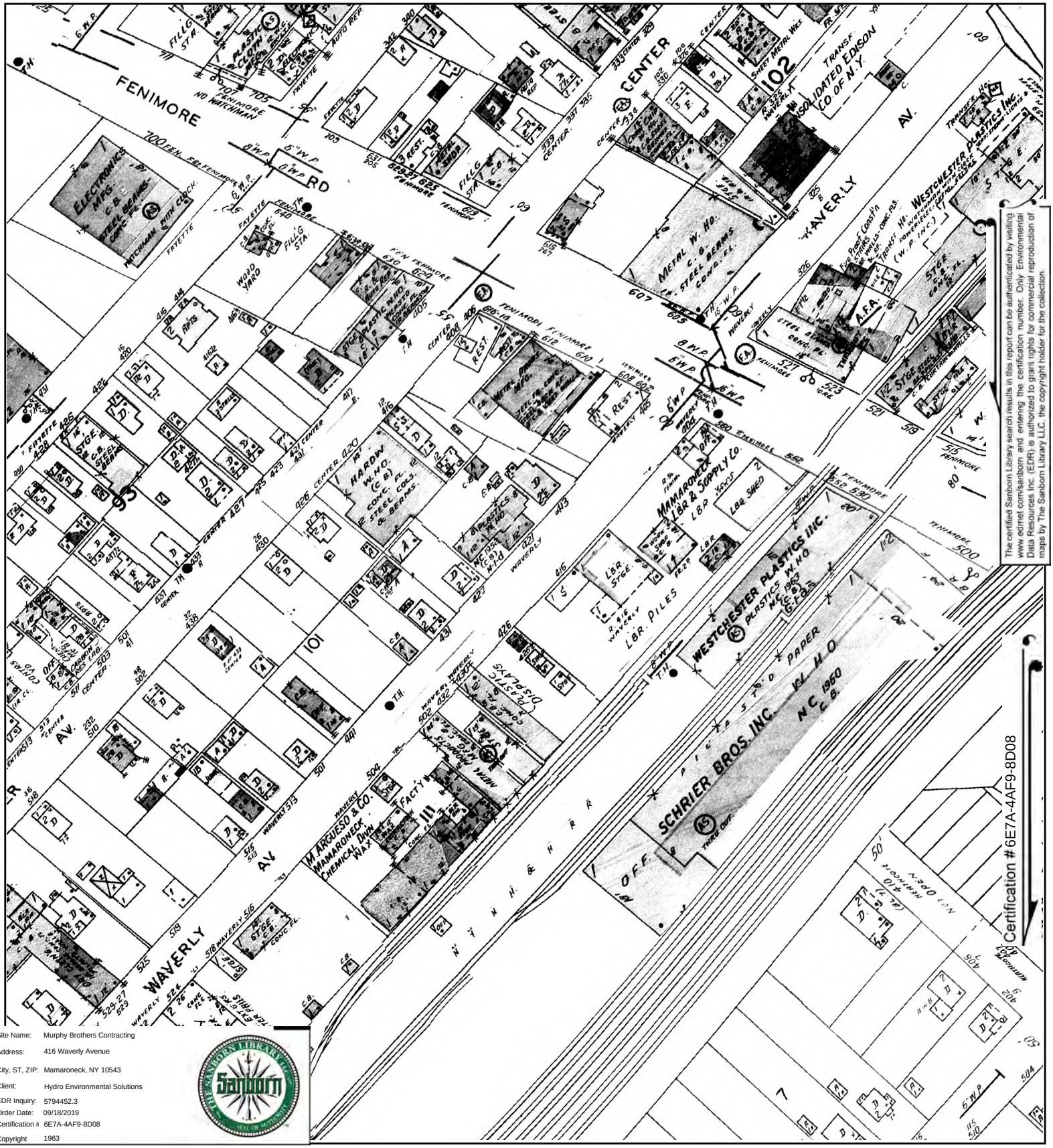

Site Name:	Murphy Brothers Contracting
Address:	416 Waverly Avenue
City, ST, ZIP:	Mamaroneck, NY 10543
Client:	Hydro Environmental Solutions
EDR Inquiry:	5794452.3
Order Date:	09/18/2019
Certification #	6E7A-4AF9-8D08
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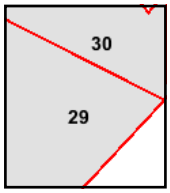

Volume 1, Sheet 30
Volume 1, Sheet 29

0 Feet 150 300 600

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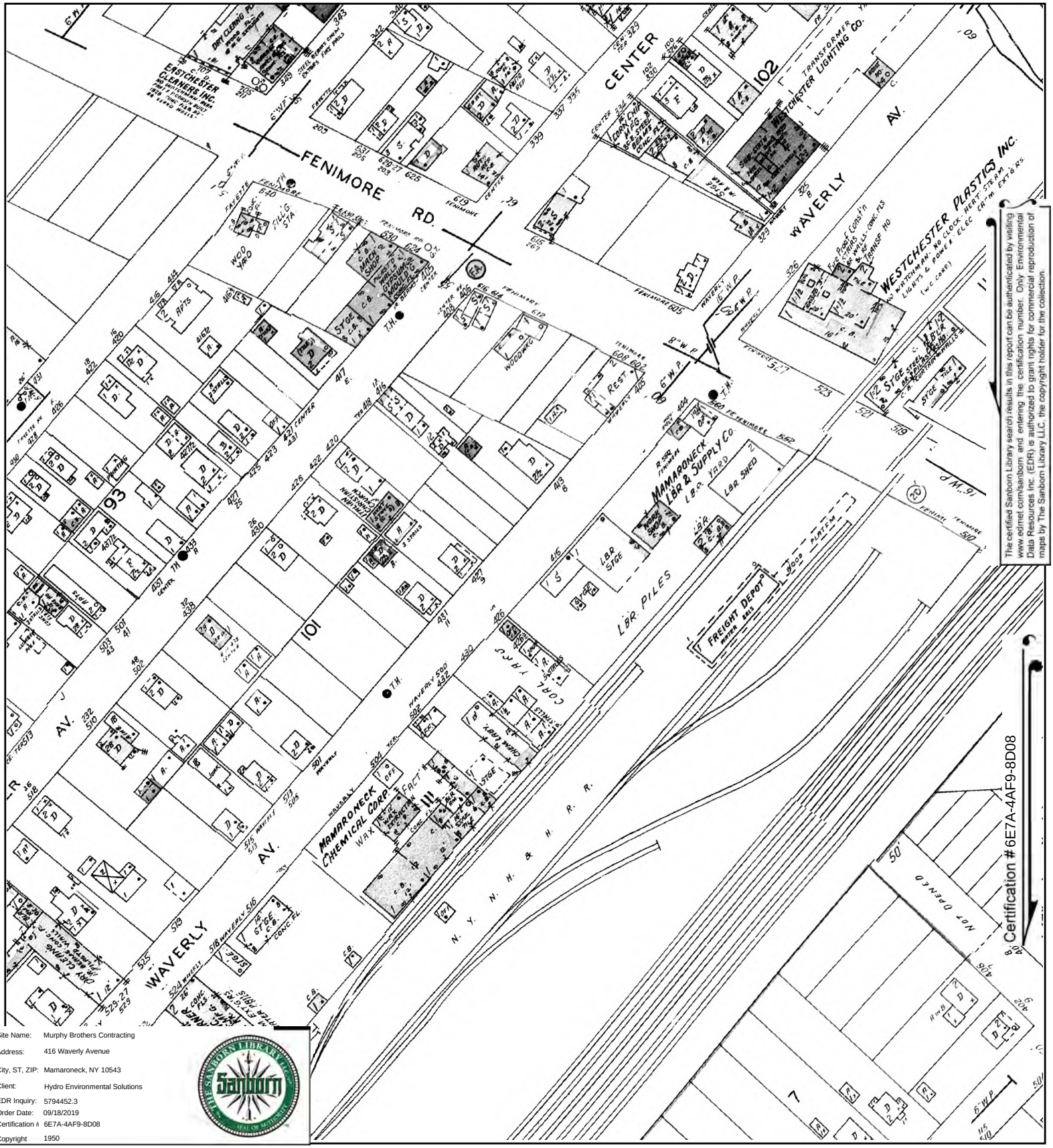

Site Name:	Murphy Brothers Contracting
Address:	416 Waverly Avenue
City, ST, ZIP:	Mamaroneck, NY 10543
Client:	Hydro Environmental Solutions
EDR Inquiry:	5794452.3
Order Date:	09/18/2019
Certification #	6E7A-4AF9-8D08
Copyright	1950

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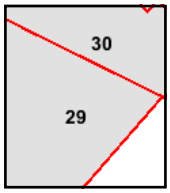

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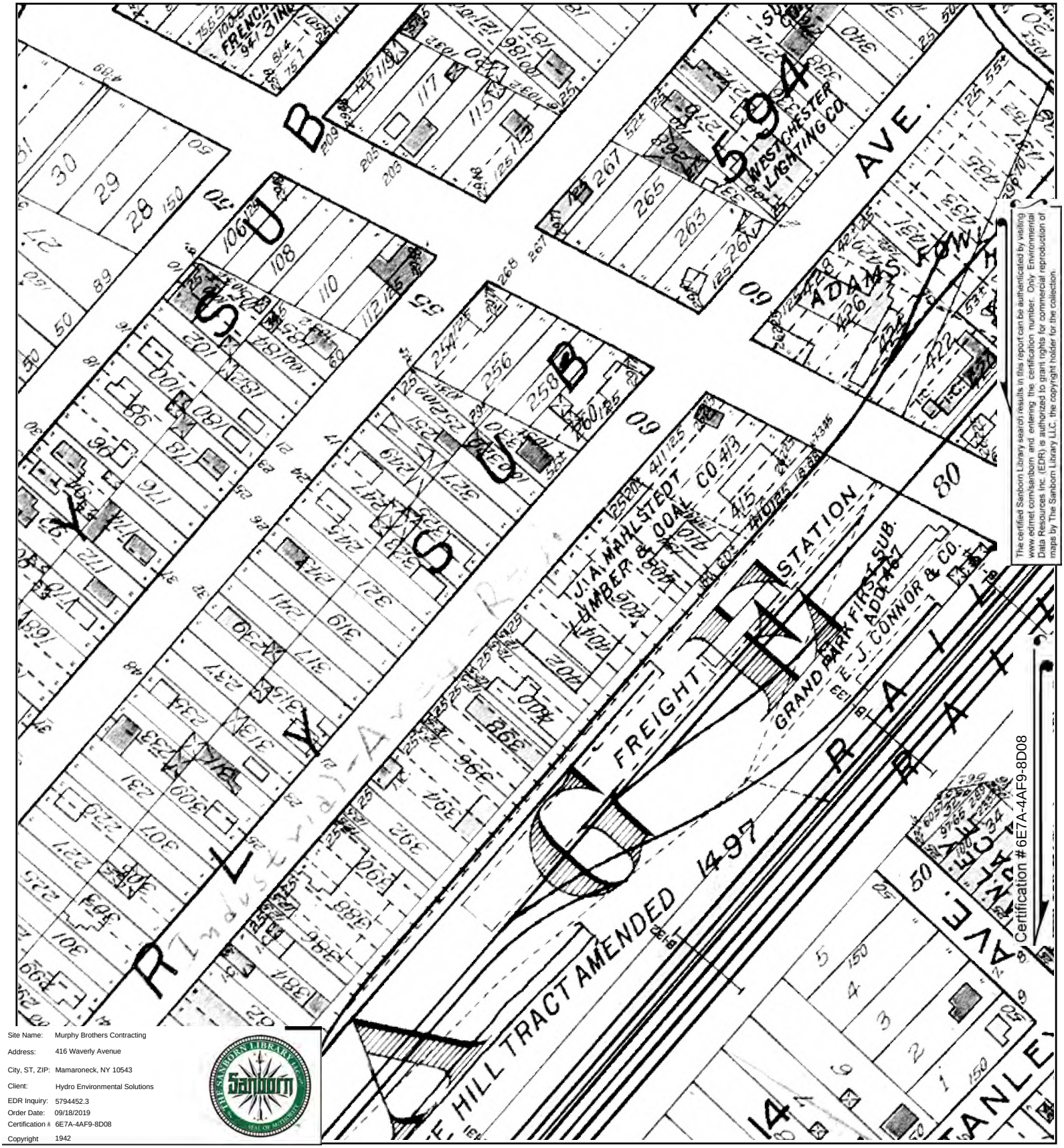

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City, ST, ZIP:	Mamaroneck, NY 10543
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Order Date:	09/18/2019
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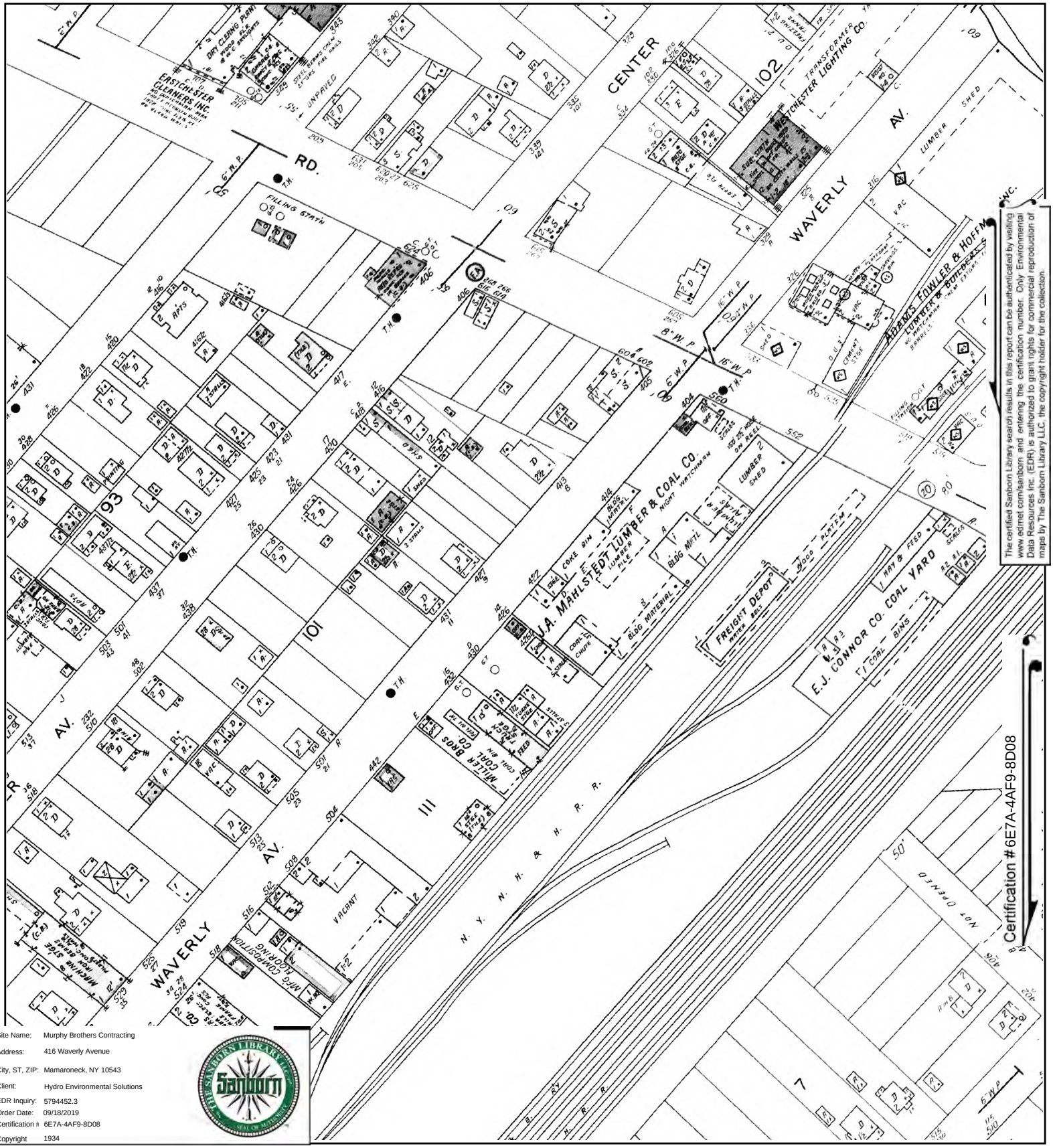

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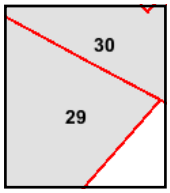

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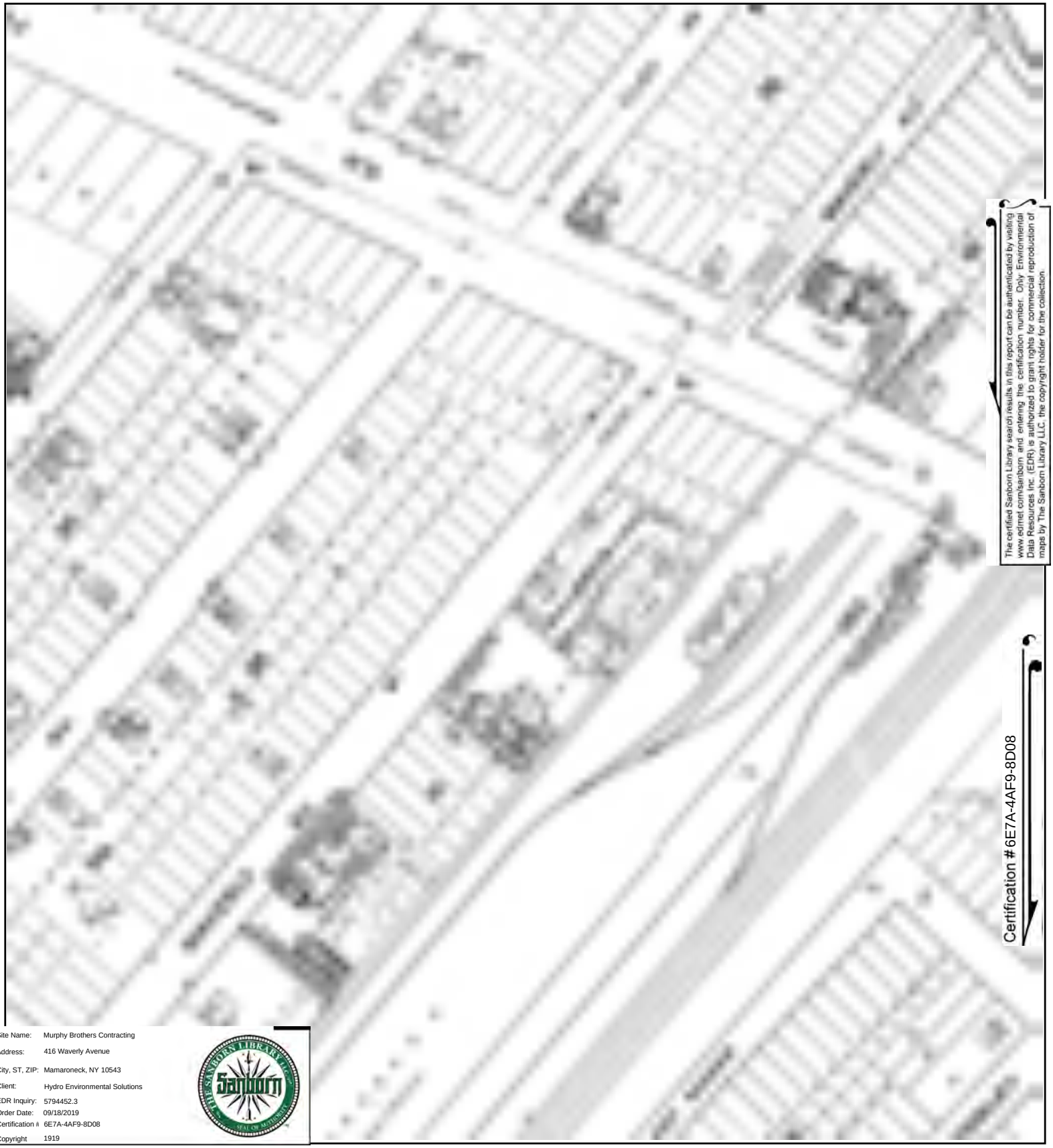

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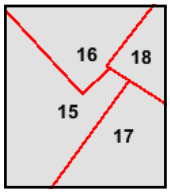

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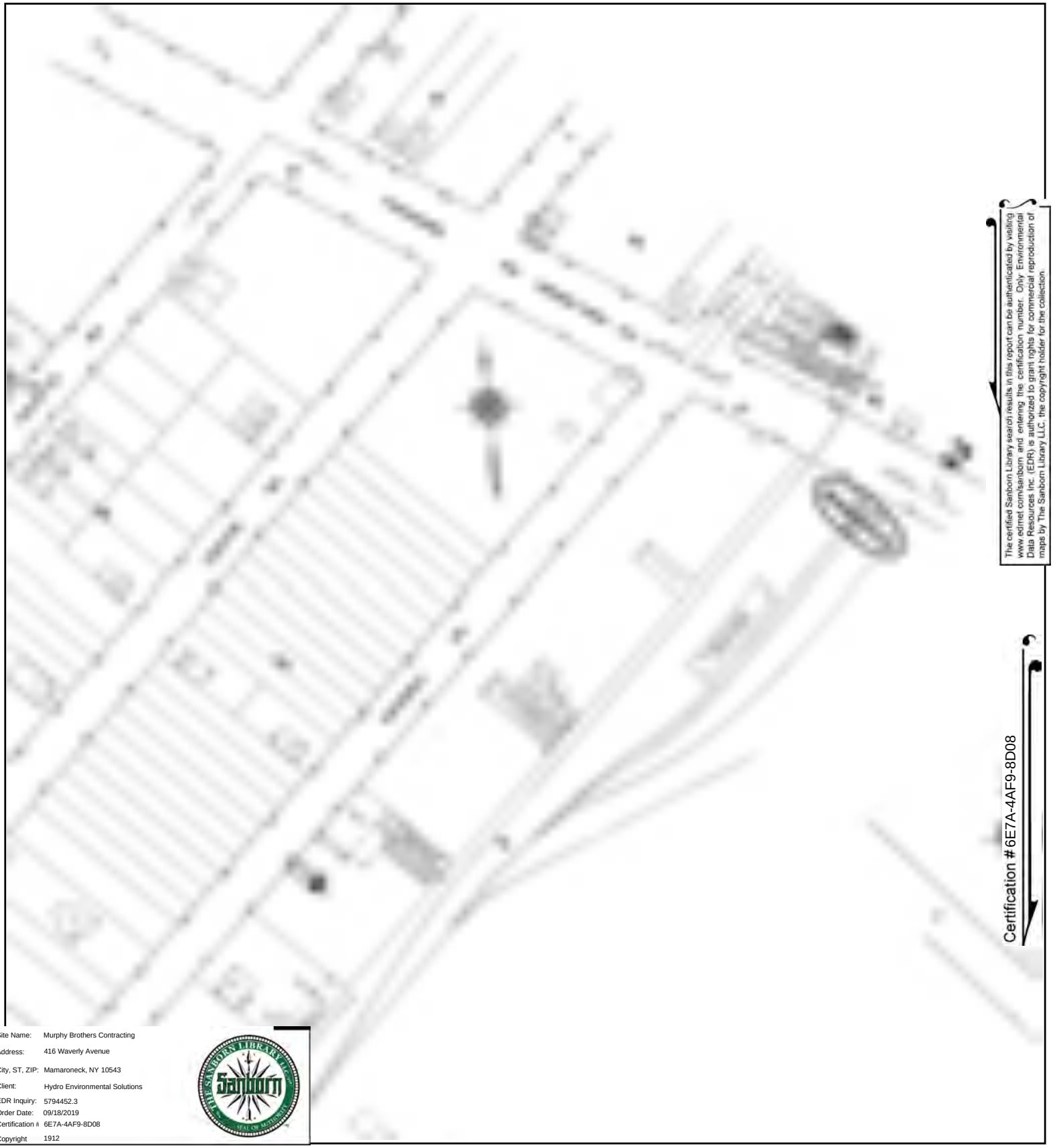

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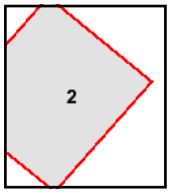

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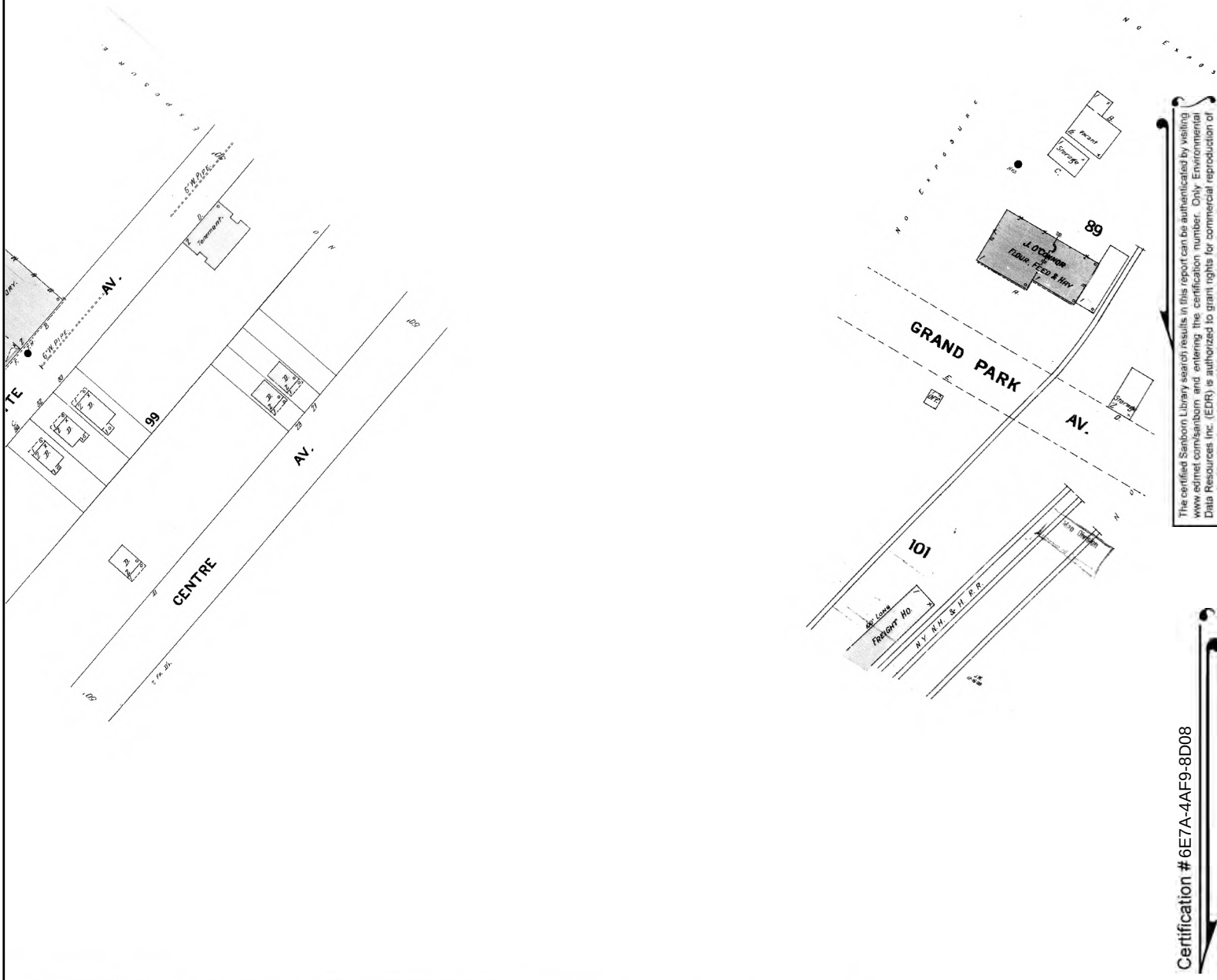

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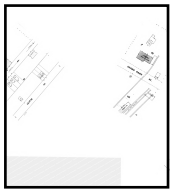

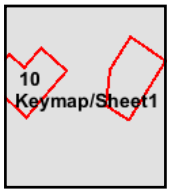

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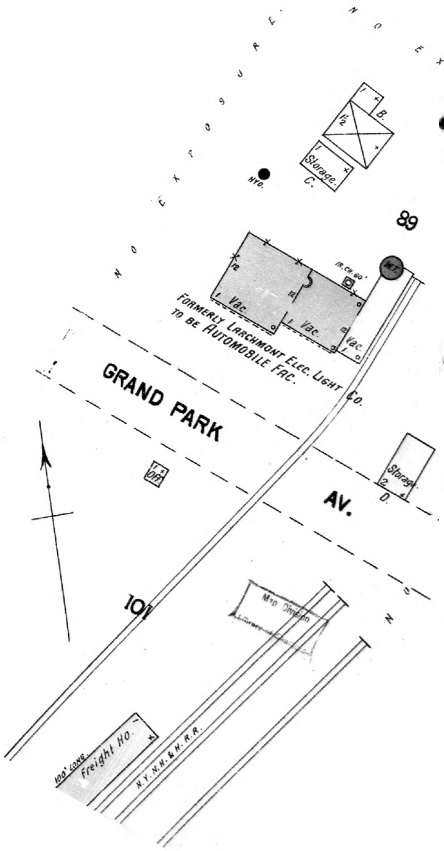

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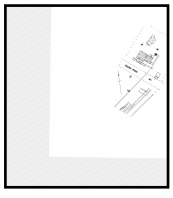

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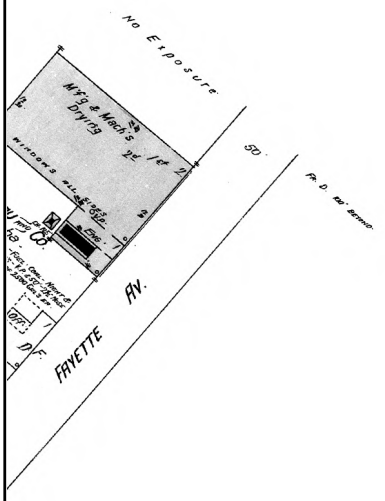

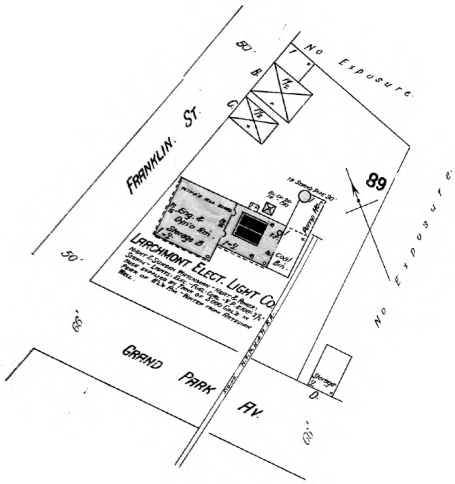

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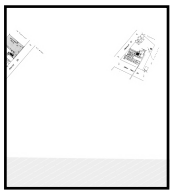

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Appendix H

Phase II Environmental Site Assessment

PHASE II
ENVIRONMENTAL SITE ASSESSMENT

416 WAVERLY AVENUE
MAMARONECK, NEW YORK

PREPARED FOR:

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July 20, 2020

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PHASE II ENVIRONMENTAL SITE ASSESSMENT

416 Waverly Avenue
Mamaroneck, New York

1.0 EXECUTIVE SUMMARY

HydroEnvironmental Solutions, Inc. (HES), on behalf of Mr. Chris Murphy of East Coast North Properties, LLC (East Coast) has completed a Phase II Environmental Site Assessment (ESA) at the commercial property located at 416 Waverly Avenue in Mamaroneck, New York (the SITE). This ESA was prepared in conformance with HES' March 31, 2020 Phase II ESA proposal, New York State Department of Environmental Conservation (NYSDEC) rules and regulations and in accordance with ASTM International (ASTM) Standards 1527-05/13 and 1903-11 for conducting Phase II ESAs. All Phase II fieldwork was conducted by HES on July 2, 2020.

A prior Phase I ESA conducted for the site had **not** recommended additional investigation, however, the Village of Mamaroneck required that additional investigative work be completed on the site. HES submitted a written work scope and cost estimate to conduct the Phase II ESA and provided it to Mr. Murphy for review and approval. The following Phase II ESA field activities were completed:

- Drilling and installation of nine (9) soil borings at locations selected by HES;
- Collection of soil samples during drilling from six (6) of the test borings for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) at a New York State certified laboratory;
- Collection of soil samples during drilling from four (4) of the test borings for metals (target analyte list [TAL]), and PCBs.
- Installation of six (6) temporary monitoring wells at selected borehole locations;
- Collection of groundwater samples during drilling from all six of the monitoring wells for VOCs and SVOCs at a New York State certified laboratory;
- Preparation of this report.

Results of this work demonstrate that the soil beneath the SITE at the selected boring locations did not contain detectable concentrations of VOCs above laboratory method detection limits (MDLs). In the groundwater samples collected from temporary wells GB-1 TW and GB-5 TW, SVOCs were detected above laboratory MDLs. No concentrations of VOCs were detected in any of the groundwater samples collected. Metals were not detected in any of the four selected boring locations designated GB-1 TW, GB-3 TW, GB-5 TW, GB-6 TW, GB-7 TW and GB-8 above laboratory MDLs.

Groundwater was encountered at the six (6) monitoring wells at depths ranging from 4.9 feet below grade (ftbg) to approximately 8 ftbg.

2.0 INTRODUCTION

The subject SITE consists of an approximately 1.05-acre commercial property which contains multiple buildings. According to the previously completed Phase I ESA for the property and the supplemental documents included therein, there was a NYSDEC Spill Number closed at the site in February 2004 for a 550-gallon UST, which was removed from the site. There was also a subsurface investigation completed at the site by Melick-Tully and Associates, P.C. (Melick-Tully) in February 2014 to determine the type of soils under the site for engineering purposes. HES also conducted a subsurface investigation in April 2019 to assess the soil/fill quality beneath the site. A Phase I ESA was completed at this site in September 2019, and no further environmental action was recommended.

Based on historic documents provided in the Phase I ESA, remedial activities took place at the SITE related to the above-mentioned areas of concern (AOCs), including the former 550-gallon UST area. A Site Location Map is presented as **Figure 1** and a general site plan of the subject SITE is included as **Figure 2**.

3.0 PURPOSE

The purpose of this Phase II ESA was to identify, via subsurface investigation techniques, any contamination that existed beneath the SITE, although HES's Phase I ESA determined there were **no** *recognized environmental conditions* (RECs). However, based on phone correspondence with legal counsel and the project planner, this Phase II was required by the Village of Mamaroneck as part of the Final Environmental Impact Statement for the proposed site development plan at the subject site currently before the Village.

This report was prepared to describe the work conducted during this Phase II ESA, evaluate findings and provide conclusions and recommendations for future work at the SITE, if deemed necessary.

3.1 Special Terms and Conditions

This Phase II ESA was performed in conformance with HES' March 31, 2020 proposal, pertinent NYSDEC rules, regulations and guidelines; and ASTM Standards 1527-05/13 and 1903-11 Standard Practice for Site Assessments.

3.2 Limitations and Exceptions of Assessment

No limitations or exceptions have affected this assessment in any way.

3.3 Limiting Conditions and Methodology Used

No limiting conditions or methodology have affected this assessment in any way.

4.0 BACKGROUND

4.1 Physical Setting

The subject SITE consists of an approximately 1.05-acre parcel that currently contains five (5) buildings, a 2-story stucco building utilized as office space, a 3-story barn used as storage, a 2-story concrete-block building used as office space, a 2-story concrete-block building used as an auto-glass shop and a 4-story self-storage facility. The SITE is surrounded by commercial buildings to the north, west, and south, and former railroad tracks to the east. The SITE location is shown on **Figure 1** and is at an elevation of approximately 25 feet above sea level.

4.2 Bedrock and Surficial Geology

According to the Surficial Geologic Map of New York, Lower Hudson Sheet (Cadwell, 1989), the SITE is underlain by till of variable texture and thickness (1- 50 meters), and bedrock stipple overprint with variable mantle of rock and glacial till. The bedrock in this area may be within 1 - 3 meters of the surface and may sporadically out-crop. The bedrock below the SITE is mapped on the Geologic Map of New York, Lower Hudson Sheet (Fisher, 1970) as the Manhattan formation of the Middle Ordovician Period, and the Fordham Gneiss of the Upper Proterozoic Eon.

5.0 SUMMARY OF PREVIOUS ASSESSMENTS

HES completed a Phase I ESA Report, dated September 30, 2019 (**Appendix 1**). Based on the Phase I findings, HES determined that no further environmental investigation was warranted. However, due to the age of some of structures on-site proper sampling and abatement should be completed for PCBs, lead paint, and asbestos (out of scope items) should demolition and or renovation be planned.

- A spill closure report was completed ATC Associates, Inc. (ATC) in February 2004 for the removal of a 550-gallon Underground Storage Tank (UST). The spill was closed administratively by the New York State Department of

Environmental Conservation (NYSDEC) on March 23, 2004. This is referenced in HES's Phase I report.

- There was a subsurface investigation conducted by Melick-Tully in February 2014 to determine the type of foundation for the proposed 4-story building, and to determine if the soils below are suitable for the proposed building structure. This report is referenced in HES's Phase 1 ESA.

- A subsurface Investigation was conducted on May 20, 2019 by HES to assess the soil/fill quality beneath the site for disposal purposes. It was determined that none of the soils tested contained exceedances for VOCs or SVOCs for their respective NYSDEC Commercial Use Soil Cleanup Objectives (SCOs). This report is referenced in HES's Phase 1 ESA.

A. Past Uses of the Property

To HES' knowledge, the SITE has been used for commercial purposes, since approximately 1900. HES is aware that the SITE use prior to the current construction yard/office spaces/storage was a lumber yard dating back to 1900. This is referenced on the attached Phase I ESA performed by HES.

6.0 PHASE II ACTIVITIES

6.1 Scope of Assessment

6.1.1 Conceptual Site Model

The conceptual SITE model was developed using the cumulative data obtained from the SITE visit and our experience with similar sites. The following conceptual SITE model was prepared:

The SITE appears to be built on silt and gravel textured soils (fill) grading quickly into sand of high permeability which overlays bedrock. As is typical for most areas in this region, a highly fractured bedrock unit likely underlies the SITE.

Due to the topographic position of the site and the presence of fill, the water table is perched groundwater above underlying weathered bedrock. Groundwater is assumed to flow to the southeast towards the Long Island sound within the unconsolidated material and the fractured bedrock beneath the SITE; therefore; the overall flow characteristic of the SITE suggests that any contaminant impacted groundwater would migrate away from the SITE in

the groundwater to the south towards the sound. Vertical groundwater flow or contaminant migration would be anticipated at this SITE because of the coarse sand and gravel observed.

Released contaminants may become adsorbed on the soils immediately beneath the release and above the shallow rock unless a significant quantity was released providing a driving force to move the contaminant into contact with the bedrock and groundwater within this unit. If a lighter-than-water non-aqueous phase liquid (LNAPL) product were present and did reach the water table, it would then be expected to migrate horizontally on top of the water table in the bedrock. Any LNAPL that reached the water table would also begin to intermix and dissolve with the groundwater beneath the SITE establishing a plume of dissolved phase contamination.

The most elevated concentrations of contamination would be expected beneath the source just above the water table. The most elevated groundwater hydrocarbon concentrations would be expected at or near the top of the water table and may be found anywhere downgradient of the source. Concentrations would be expected to decline deeper into the water table.

6.1.2 Phase II ESA Work Plan

Based on the conceptual model, the following subsurface investigation plan was developed by HES. The objective of the plan was to determine, to the extent feasible, if subsurface contamination was present. The plan was developed with a focus on the extent and magnitude of the contamination (if any) including a determination of where the mass of contamination is present (i.e. where on-SITE) and which phase – adsorbed, vadose, and/or dissolved phase.

Considering the available information reviewed and our site visit, the following activities were recommended and completed:

- HES recommended installing up to ten (10) soil borings in the immediate vicinity of the areas of concern.
- Field screening of each soil sample with a properly calibrated MiniRae® 3000 photoionization detector (PID) during drilling.
- Collection of six (6) soil samples from the nine (9) borings installed exhibiting the highest PID readings, at the groundwater table, or at the maximum completion depths. Laboratory analyses conducted on six (6) soil samples included the following methods: EPA Method 8260 for VOCs and EPA Method 8270 (STARS list) for SVOCs. The other four (4) soil samples were collected and analyzed for TAL Metals and PCBs.
- Installation of six (6) temporary monitoring wells in six (6) of the boreholes for

collection of groundwater for laboratory analysis. Groundwater samples were collected from the temporary monitoring wells and submitted for laboratory analysis. Laboratory analyses conducted on groundwater samples included the following methods: EPA Method 8260 for VOCs and EPA Method 8270 (former STARS list) for SVOCs.

6.1.3 Chemical Testing Plan

HES' plan called for the collection of soil samples for laboratory analysis from most of the borings drilled. All soil samples were specified to be collected at the water table interface or from the interval that contained the highest PID assay or from the bottom of the boring. The sampling location was left to the discretion of the HES hydrogeologist overseeing the drilling. Groundwater samples were specified to be collected from all newly installed temporary monitoring wells in accordance with New York State protocols and industry accepted methods. All groundwater and soil samples collected from the SITE were specified to be submitted for various analyses in accordance with the analytical matrix presented below:

Boring ID	EPA 8260	EPA 8270 (STARS)	TAL Metals
GB-1 TW	S/GW	S/GW	S
GB-2	NA	NA	NA
GB-3 TW	S/GW	S/GW	NA
GB-4	NA	NA	NA
GB-5 TW	S/GW	S/GW	NA
GB-6 TW	S/GW	S/GW	S
GB-7 TW	S/GW	S/GW	S
GB-8 TW	S/GW	S/GW	S
GB-9	NA	NA	NA

Notes: GW=Groundwater; S=Soil/Sediment; NA=Not Analyzed

6.1.4 Deviations from the Work Plan

No significant deviations from the work plan were made during the Phase II ESA.

6.2 Field Explorations and Methods

6.2.1 Test Borings

The SITE was cleared for underground utilities by "Dig Safely New York". Following the utility mark-outs, HES drilled each boring at the locations shown on **Figure 2**. The drilling work was conducted on July 2, 2020. Borings were installed using a Geoprobe® 54DT track-mounted drill rig and the direct-push drilling method (**Figure 3**).

The soil borings designated GB-1 TW through GB-9 were placed around the reported location of the historic UST. The soil borings were drilled using a 2.25-inch stainless-steel macro-core sampler. A 4-foot sampler was advanced continuously using a hydraulic hammer and the direct-push method to collect undisturbed sediment samples. Drilling continued at each location until the hole penetrated the inferred depth that groundwater was encountered.

An HES hydrogeologist was on-site throughout the drilling process to descriptively log the sediments encountered and to record other pertinent information about each boring, including the presence or absence of VOC odors and the inferred depth to groundwater. Copies of the completed Geologic Logs, including the results of the PID screening, are included as **Appendix 2**. The table below presents pertinent details regarding the drilling work that was completed:

Boring ID	Boring Depth (ftbg)	Highest PID Reading & Interval (ppm)
GB-1 TW	12	11.8 ppm
GB-2	12	0.5 ppm
GB-3 TW	12	0.5 ppm
GB-4	12	0.5 ppm
GB-5 TW	12	0.4 ppm
GB-6 TW	12	0.4 ppm
GB-7 TW	12	0.4 ppm
GB-8 TW	12	0.5 ppm
GB-9	12	0.3 ppm

PID = photoionization detector
ppm = parts per million
ftbg = feet below grade

6.2.2 Monitoring Well Installation

Temporary groundwater monitoring wells were installed in the boreholes designated GB-1 TW, GB-3 TW, GB-5 TW, GB-6 TW, GB-7 TW and GB-8 TW. The wells were constructed of 1-inch schedule 40 PVC using 20-slot well screen and solid casing to

completion depths of 12 ftbg. The well construction details are shown on the Geologic Logs in **Appendix 2**. The wells were allowed time to equilibrate prior to evacuation and sampling activities.

6.3 Sampling and Chemical Analyses and Methods

6.3.1 Soil

During drilling, soil samples that contained the highest PID assay or at the water table interface or from the bottom of the boring were collected for laboratory analysis at the test boring locations. The on-SITE HES hydrogeologist placed samples in appropriately labelled glassware. The samples were sent to York Analytical Laboratories, Inc. (York); a New York State certified laboratory located in Stratford, Connecticut. Collected samples were received at the laboratory on ice on July 6, 2020. Analyses were selected for the soil samples based on HES' Phase II ESA Work Plan and included EPA Method 8260 and EPA Method 8270 (former STARS list) for samples tested for VOCs and SVOCs. Select soil samples were also tested for TAL Metals and PCB-analysis.

6.3.2 Groundwater

Groundwater was collected from the monitoring wells installed at boring locations GB-1, GB-3, GB-5, GB-6, GB-7 and GB-8 based on the proposed work plan. Prior to sample collection, depth to water measurements (DTW) were collected using an electronic interface probe. Following DTW measurements, at least three standing well volumes of groundwater were evacuated using a dedicated polyethylene bailer. The groundwater samples, which are designated as GB-1 TW, GB-3 TW, GB-5 TW, GB-6 TW, GB-7 TW and GB-8 TW, were collected in appropriately labeled glassware and in accordance with industry accepted protocols. The samples were transported on ice and received by York on July 6, 2020 to be analyzed for VOCs and SVOCs using EPA Method 8260 and EPA Method 8270 (former STARS list).

7.0 EVALUATION AND PRESENTATION OF RESULTS

7.1 Subsurface Conditions

The following subsurface conditions were observed during the course of this Phase II ESA.

7.1.1 Geologic Setting

Review of the Geologic Logs compiled by HES indicates the subsurface materials are comprised of the following sediments:

- From 0 to 4 ftbg – Fill composed of silt with some gravel and trace sand.
- From 4 to 8 ftbg – Sand and clay with some silt.
- From 8 to 12 ftbg – Sand with trace silt.

7.1.2 Hydrogeologic Conditions

Signs of groundwater (moisture, mottling etc.) were encountered at the boring locations at ranges of approximately 5 - 8 ftbg.

7.1.3 Verification of Conceptual Site Model

The collected soil data appear to validate the conceptual model that was developed by HES. In general, the subsurface conditions are as follows:

- Silty fill material with a layer of organic clay overlying coarse-grained sand and silt material to a maximum completion depth of 12 ftbg.

7.2 Analytical Data

7.2.1 PID Screening of Soil Samples

As described above, during drilling of the borings, the on-SITE HES hydrogeologist screened the collected soil samples for the presence of detectable VOC vapors using a PID. The field screening results indicate that VOC vapors were detected at GB-1 TW from 4 – 8 ftbg at 11.8 parts per million (ppm). The other boring locations did not contain VOC vapors at any of the locations. The PID assay data can be found on copies of each Geologic Log included as **Appendix 2** and are summarized above in **Section 6.2.1**.

7.2.2 Soil Quality Results

Sections 6.1.2 and **6.1.3** above provide the rationale for the placement of each soil boring, the type of samples HES recommended collecting, along with the matrix of laboratory analyses to be used. The soil laboratory analytical results indicate that none of the soil samples collected from the borings contained concentrations of VOCs that were detected

above laboratory MDLs. Soil collected from the borings designated GB-1 TW, GB-6 TW, GB-7 TW and GB-8 TW contained concentrations of metals detected above laboratory MDLs, but not exceeding the NYSDEC Unrestricted Use Soil Cleanup Objectives (NYSDEC-UUSCOs) in accordance with NYSDEC Commissioners Policy No. 51 (CP-51) and Subpart 375-6.8(a)

SVOC concentrations were detected above laboratory MDLs at the boring location designated GB-1 TW, and included Acenaphthylene, Benzo(a)anthracene, Benzo(a)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene, Benzo(k)flouranthracene, Chrysene, Dibenzo(a, h)anthracene, Indeno(1,2,3-cd)pyrene and Pyrene. Of these SVOC compounds, Indeno(1,2,3-cd) pyrene (0.720 mg/kg [milligrams per kilogram]) exceeded its NYSDEC-UUSCOs, but not its' NYSDEC Restricted Use Soil Cleanup Objectives-Commercial (RUSCOs). Mercury was also detected above its NYSDEC-UUSCOs (0.401 mg/kg), but not its' RUSCOs. There were no detections of PCBs in any of the selected borings designated GB-1 TW, GB-6 TW, GB-7 TW and GB-8 TW.

Of the VOC concentrations detected above laboratory MDLs at all aforementioned locations, no VOC concentrations exceeded their respective NYSDEC-UUSCOs. In the boring locations designated GB-1, GB-4, GB-7 and GB-8 concentrations of metals were detected above laboratory MDLs but below their respective NYSDEC-UUSCOs. The soil laboratory analytical results are summarized on **Table 1** and the laboratory analytical report is included in **Appendix 3**.

7.2.3 Groundwater Sampling Results

The groundwater samples collected from the temporary monitoring wells installed in GB-1 TW, GB-3 TW, GB-5 TW, GB-6 TW, GB-7 TW and GB-8 TW indicate that no VOCs were detected above laboratory MDLs in any of the groundwater samples submitted for analysis.

The groundwater collected from the temporary monitoring wells designated GB-1 TW and GB-5 TW contained concentrations of SVOC constituents above laboratory MDLs that exceeded their respective NYSDEC Ambient Water Quality Standards (AWQS) in accordance with the Technical and Operational Guidance Series (TOGS) 1.1.1. Additionally, for GB-1 TW, Benzo(a)anthracene (1.370 ug/L [micrograms per Liter]), Benzo(a)pyrene (2.140 ug/L), Benzo(b) fluoranthene (1.980 ug/L), Benzo(k)fluoranthene (1.490 ug/L), Chrysene (0.969 ug/L) and Indeno(1,2,3-cd)pyrene (0.954 ug/L) exceeded their respective NYSDEC-AWQS. GB-5 TW also contained detectable concentrations of Benzo(a)pyrene (0.0588 ug/L) and Benzo(b)fluoranthene (0.0588 ug/L) that exceeded their NYSDEC-AWQS.

The groundwater laboratory analytical results are summarized on **Table 2** and the laboratory analytical report is included in **Appendix 3**.

8.0 DISCUSSION OF FINDINGS AND CONCLUSIONS

This Phase II ESA was conducted in accordance with recommendations from the Village of Mamaroneck as described in the HES Phase II ESA Proposal dated March 31, 2020 and in accordance with the work described in **Sections 6.1**. No significant deviations to the work practice occurred during any portion of this ESA.

Based on the available information identified following review of the HES Phase I ESA, there were no observed RECs on the target site.

Based on the Village of Mamaroneck's requirements, HES has completed the following work tasks:

- Drilling and installation of nine (9) soil borings at locations selected by HES;
- Collection of soil samples during drilling from six (6) of the test borings for VOCs and SVOCs at a New York State certified laboratory;
- Collection of soil samples during drilling from four (4) of the test borings for TAL metals and PCBs at a New York State certified laboratory;
- Installation of six (6) temporary monitoring wells at selected borehole locations;
- Collection of groundwater samples during drilling from all six (6) of the monitoring wells for VOCs and SVOCs at a New York State certified laboratory;
- Preparation of this report.

8.1 Discussion of Results

The results of PID field screening of soil samples collected from test boring locations GB-1 TW through GB-9 indicate that petroleum hydrocarbon vapors were detected at low concentrations (<25 ppm) at the GB-1 TW boring location (11.8 ppm). The other borings did not contain petroleum hydrocarbon vapors.

The results of soil sampling for VOCs, SVOCs, TAL metals and PCBs indicate that no petroleum hydrocarbon constituents, metals or PCBs were detected above NYSDEC-RUSCOs for Commercial properties at any of the boring locations where these constituents were tested.

The results of groundwater sampling for VOCs and SVOCs indicate that several SVOCs were detected above NYSDEC-AWQS in the temporary monitoring wells installed in the GB-1 TW, and GB-5 TW boreholes. For GB-1 TW, Benzo(a)anthracene (1.370 ug/L), Benzo(a)pyrene (2.140 ug/L), Benzo(b) fluoranthene (1.980 ug/L), Benzo(k)fluoranthene (1.490 ug/L), Chrysene (0.969 ug/L) and Indeno(1,2,3-cd)pyrene (0.954 ug/L) exceeded their

respective NYSDEC-AWQS. GB-5 TW also had concentrations of Benzo(a)pyrene (0.0588 ug/L) and Benzo(b)fluoranthene (0.0588 ug/L) that exceeded their respective NYSDEC-AWQS.

These levels only slightly exceed their laboratory MDLs, and HES believes that the levels detected likely represent the background concentrations for these constituents in this area (commercial corridor). The site and surrounding area are built on top of urban fill material that likely contains trace levels of SVOCs, as observed in the groundwater sampling results.

8.2 Hydrogeologic Setting

The results of the subsurface investigation indicate that a shallow groundwater table exists at approximately 5 - 8 ftbg at the SITE. Based on the observed topography, groundwater flow, which often mimics surface contours, is likely to the southeast towards the Long Island Sound. The actual groundwater flow direction was not surveyed or confirmed during this Phase II ESA.

8.3 Findings Related to Each Recognized Environmental Condition

Based on these findings, it must be concluded that the all of the existing *AOCs* can be eliminated for the following reasons:

- Based on PID field screening and the laboratory results of the soil samples collected at the GB-1 TW, GB-3 TW, GB-5 TW, GB-6 TW, GB-7 TW, and GB-8 TW boring locations, it can be concluded that no detrimental impacts to soil quality remain that are related to the past tank removal activities at the SITE, and historic commercial use.
- Based on the laboratory results of the groundwater samples collected from temporary monitoring wells installed at the GB-1 TW, and GB-5 TW boreholes, several SVOCs were detected at levels slightly above their respective NYSDEC-AWQS. However, based on the detected levels of SVOCs (slightly above laboratory MDLs), the absence of VOCs detected in the groundwater samples, the location of the SITE in a commercial corridor (the site is adjacent to historic railroad tracks), and the fact that the SITE is/will be supplied potable water by municipal means, HES believes that these SVOC levels (which we believe to be background concentrations for the area) are not a concern to human health or the environment in this area.

➢ 9.0 RECOMMENDATIONS

Based on the absence of observed petroleum hydrocarbon impacts to the soil collected at the SITE and only minor impacts observed to groundwater beneath the SITE as detailed above, HES recommends that no additional environmental investigation or remediation be completed at the SITE.

- However, if any future excavation of utilities and/or soil removal occurs at the site, HES recommends proper classification and disposal of excavated soil at an approved disposal facility.

10.0 REFERENCES

- ASTM E 1527-13 Standard Practice for Environmental SITE Assessments: Phase I Environmental SITE Assessment Process, ASTM International, Conshohocken, PA.

- Cadwell, Donald H., Editor, 1989, Surficial Geologic Map of New York, Lower Hudson Sheet, New York State Museum – Geological Survey, Map and Chart Series #40.

- Fisher, Donald W., Y.W. Isachsen and L.V. Richard, 1970, Geologic Map of New York, Lower Hudson Sheet, New York State Museum and Science Service, Map - Chart Series #15.

TABLES

Table 1

416 Waverly Avenue
Mamaroneck, New York

Summary of Laboratory Analytical Results for Soil

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-1 TW 20G0129-01 7/2/2020 12:00:00 AM Soil		GB-3 TW 20G0129-03 7/2/2020 12:00:00 AM Soil		GB-5 TW 20G0129-05 7/2/2020 12:00:00 AM Soil		GB-6 TW 20G0129-07 7/2/2020 12:00:00 AM Soil		GB-7 TW 20G0129-09 7/2/2020 12:00:00 AM Soil		GB-8 TW 20G0129-11 7/2/2020 12:00:00 AM Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, CP-51 (formerly STARS) List (mg/kg)														
1,2,4-Trimethylbenzene	3.6	190	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
1,3,5-Trimethylbenzene	8.4	190	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
Benzene	0.06	44	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
Ethyl Benzene	1	390	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
Isopropylbenzene	~	~	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
Methyl tert-butyl ether (MTBE)	0.93	500	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
Naphthalene	12	500	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
n-Butylbenzene	12	500	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
n-Propylbenzene	3.9	500	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
o-Xylene	~	~	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
p- & m- Xylenes	~	~	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
p-Isopropyltoluene	~	~	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
sec-Butylbenzene	11	500	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
tert-Butylbenzene	5.9	500	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
Toluene	0.7	500	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
Xylenes, Total	0.26	500	0.00520	U	0.00300	U	0.00240	U	0.00290	U	0.00250	U	0.00280	U
Semi-Volatiles, CP-51 (formerly STARS) List (mg/kg)														
Acenaphthene	20	500	0.320	U	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Acenaphthylene	100	500	0.330	JD	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Anthracene	100	500	0.320	U	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Benzo(a)anthracene	1	5.6	0.710	D	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Benzo(a)pyrene	1	1	0.820	D	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Benzo(b)fluoranthene	1	5.6	0.850	D	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Benzo(g,h,i)perylene	100	500	0.460	JD	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Benzo(k)fluoranthene	0.8	56	0.600	JD	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Chrysene	1	56	0.630	JD	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Dibenzo(a,h)anthracene	0.33	0.56	0.320	U	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Fluoranthene	100	500	0.900	D	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Fluorene	30	500	0.320	U	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	**0.720**	D	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Naphthalene	12	500	0.320	U	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Phenanthrene	100	500	0.320	U	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Pyrene	100	500	0.980	D	0.0600	U	0.0470	U	0.0500	U	0.0430	U	0.0470	U
Metals, Target Analyte (mg/kg)														
Aluminum	~	~	31,900		NT		NT		4,680		5,400		5,810	
Antimony	~	~	3.860	U	NT		NT		3.010	U	2.590	U	2.840	U
Arsenic	13	16	2.540		NT		NT		1.810	U	1.550	U	1.700	U
Barium	350	400	130		NT		NT		29.800		95.800		34.700	
Beryllium	7.2	590	0.0770	U	NT		NT		0.0600	U	0.0520	U	0.0570	U
Cadmium	2.5	9.3	0.464	U	NT		NT		0.362	U	0.310	U	0.341	U
Calcium	~	~	13,100		NT		NT		845		659		858	
Chromium	~	~	37.400		NT		NT		8.620		10.200		9.580	

Table 1

416 Waverly Avenue
Mamaroneck, New York

Summary of Laboratory Analytical Results for Soil

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GB-1 TW 20G0129-01 7/2/2020 12:00:00 AM Soil		GB-3 TW 20G0129-03 7/2/2020 12:00:00 AM Soil		GB-5 TW 20G0129-05 7/2/2020 12:00:00 AM Soil		GB-6 TW 20G0129-07 7/2/2020 12:00:00 AM Soil		GB-7 TW 20G0129-09 7/2/2020 12:00:00 AM Soil		GB-8 TW 20G0129-11 7/2/2020 12:00:00 AM Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Cobalt	~	~	16.300		NT		NT		5.370		26.600		6.090	
Copper	50	270	30.100		NT		NT		8.460		12		11.600	
Iron	~	~	29,300		NT		NT		8,860		9,160		10,200	
Lead	63	1000	33.600		NT		NT		2.710		3.580		3.290	
Magnesium	~	~	10,700		NT		NT		1,660		1,900		1,940	
Manganese	1600	10000	294		NT		NT		328		640		541	
Nickel	30	310	29		NT		NT		7.090		10.600		10.500	
Potassium	~	~	1,680		NT		NT		1,060		1,320		1,340	
Selenium	3.9	1500	3.860	U	NT		NT		3.010	U	2.590	U	2.840	U
Silver	2	1500	0.773	U	NT		NT		0.603	U	0.517	U	0.568	U
Sodium	~	~	341		NT		NT		109		51.700	U	95.200	
Thallium	~	~	3.860	U	NT		NT		3.010	U	2.590	U	2.840	U
Vanadium	~	~	54.500		NT		NT		10.100		12.900		12.100	
Zinc	109	10000	74.200		NT		NT		21.400		19.300		16.400	
Mercury by 7473 (mg/kg)														
Mercury	0.18	2.8	**0.401**		NT		NT		0.0362	U	0.0310	U	0.0341	U
Total Solids			%		%		%		%		%		%	
Dilution Factor			1		1		1		1		1		1	
% Solids	~	~	64.700		69.400		87.700		82.900		96.700		88	
Polychlorinated Biphenyls (PCB) (mg/kg)														
Aroclor 1016	~	~	0.0255	U	NT		NT		0.0198	U	0.0172	U	0.0187	U
Aroclor 1221	~	~	0.0255	U	NT		NT		0.0198	U	0.0172	U	0.0187	U
Aroclor 1232	~	~	0.0255	U	NT		NT		0.0198	U	0.0172	U	0.0187	U
Aroclor 1242	~	~	0.0255	U	NT		NT		0.0198	U	0.0172	U	0.0187	U
Aroclor 1248	~	~	0.0255	U	NT		NT		0.0198	U	0.0172	U	0.0187	U
Aroclor 1254	~	~	0.0255	U	NT		NT		0.0198	U	0.0172	U	0.0187	U
Aroclor 1260	~	~	0.0255	U	NT		NT		0.0198	U	0.0172	U	0.0187	U
Total PCBs	0.1	1	0.0255	U	NT		NT		0.0198	U	0.0172	U	0.0187	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank

EXCEEDS NYSDEC STANDARDS

Table 2

416 Waverly Avenue
Mamaroneck, New York

Summary of Laboratory Analytical Results for Groundwater

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	GB-1 TW 20G0129-02 7/2/2020 Water		GB-3 TW 20G0129-04 7/2/2020 Water		GB-5 TW 20G0129-06 7/2/2020 Water		GB-6 TW 20G0129-08 7/2/2020 Water		GB-7 TW 20G0129-10 7/2/2020 Water		GB-8 TW 20G0129-12 7/2/2020 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, CP-51 (STARS) Low level (ug/L)													
1,2,4-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Benzene	1	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Ethyl Benzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Isopropylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	10	0.200	U	0.320	J	0.200	U	0.200	U	0.200	U	0.200	U
Naphthalene	10	1	U	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
n-Propylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.310	J
o-Xylene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p- & m- Xylenes	5	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
p-Isopropyltoluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
sec-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
tert-Butylbenzene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Toluene	5	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Xylenes, Total	5	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U
Semi-Volatiles, CP-51 (formerly STARS)-Low Level (ug/L)													
Acenaphthene	20	0.385		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U
Acenaphthylene	~	0.815		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U
Anthracene	50	0.677		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U
Benzo(a)anthracene	0.002	**1.370**		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U
Benzo(a)pyrene	0.002	**2.140**		0.0645	U	**0.0588**	J	0.0571	U	0.0500	U	0.0500	U
Benzo(b)fluoranthene	0.002	**1.980**		0.0645	U	**0.0588**	J	0.0571	U	0.0500	U	0.0500	U
Benzo(g,h,i)perylene	~	0.785		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U
Benzo(k)fluoranthene	0.002	**1.490**		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U
Chrysene	0.002	**0.969**		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U
Dibenzo(a,h)anthracene	~	0.354		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U
Fluoranthene	50	2.140		0.0645	U	0.0588	J	0.0571	U	0.0500	U	0.0500	U
Fluorene	50	0.754		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U
Indeno(1,2,3-cd)pyrene	0.002	**0.954**		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U
Naphthalene	10	0.308		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U
Phenanthrene	50	0.415		0.0645	U	0.0588	U	0.0571	U	0.0700		0.0500	U
Pyrene	50	1.680		0.0645	U	0.0588	U	0.0571	U	0.0500	U	0.0500	U

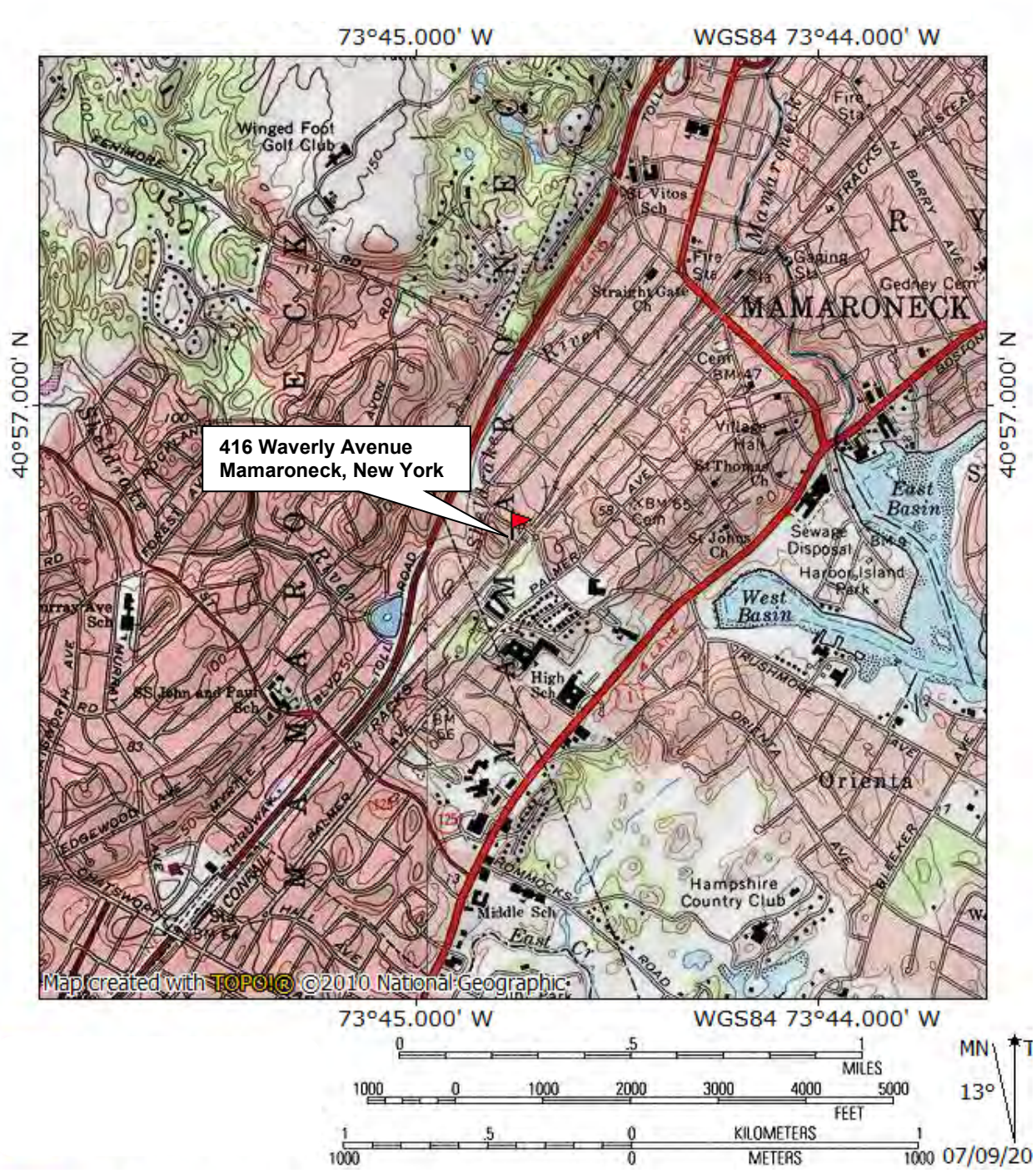
EXCEEDS NYSDEC STANDARDS

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated

FIGURES

Figure 1

Site Location Map



LEGEND

- Boring Location: Ground boring installed to collect soil for PID field screening
- Boring and temporary Well Location: Ground boring installed to collect soil for PID field screening. Temporary well installed to collect groundwater for laboratory analysis

SITE BOUNDARY

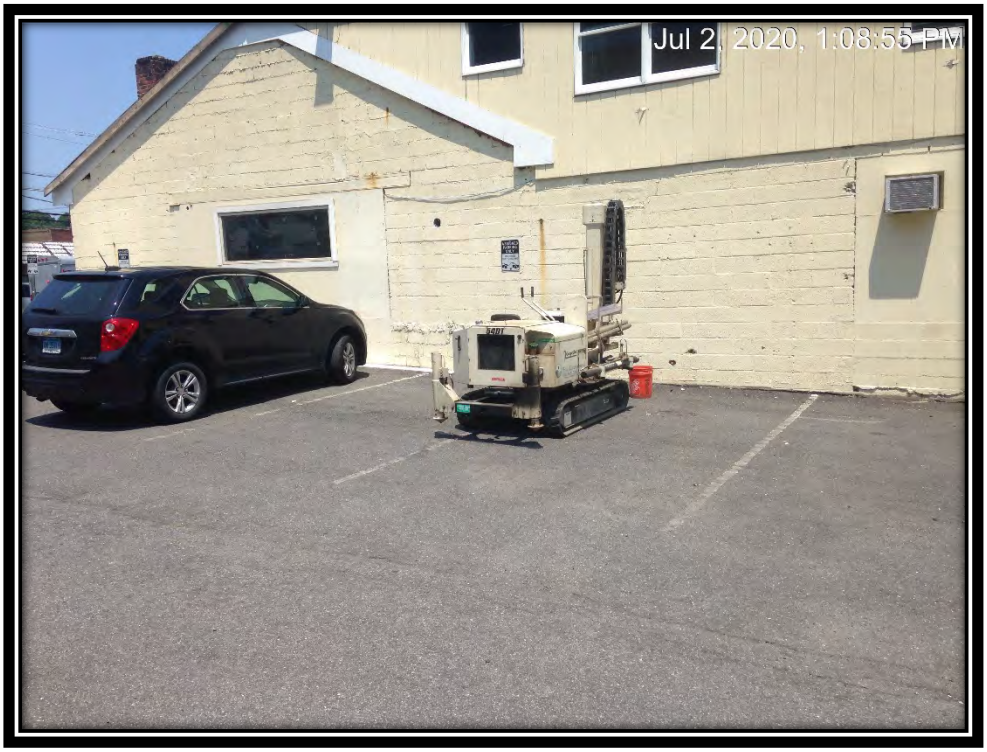
FIGURE 2

416 WAVERLY AVENUE MAMARONECK, NEW YORK	GENERALIZED SITE PLAN	NOT TO SCALE / JULY 2020 / PHASE II ESA	HydroEnvironmental SOLUTIONS, INC. One Deans Bridge Road Somers, New York 10589

FIGURE 3 – PHOTO LOG

416 WAVERLY AVENUE
MAMARONECK, NEW YORK

Photograph of borehole GB-2 being installed



Photograph of borehole/temporary well GB-7 TW being installed

Photographs taken during Phase II ESA activities on July 2, 2020
HydroEnvironmental Solutions, Inc., One Deans Bridge Road, Somers, New York 10589

FIGURE 3 – PHOTO LOG

416 WAVERLY AVENUE
MAMARONECK, NEW YORK

Photograph of borehole GB-9 being installed

APPENDICES

APPENDIX 1:

HydroEnvironmental Solutions, Inc.
Phase 1 ESA Report

APPENDIX 2:

Geologic Logs

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**OWNER**: East Coast North Properties, ...
	WELL NO.: GB-1 TW
	PAGE 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** 1'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 12 – 7'
DATE COMPLETED: 7/2/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc	**SETTING:**
	CASING SIZE & TYPE: 1'' Schedule 40 PVC
DRILLING METHOD: GeoProbe 54 DT	**SETTING:** 7 – 0'
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD/CHK	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: 8 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3'	0.4	(0 – 1.5') FILL (GRAVEL, ASPHALT, CRUSHED STONE); black-grey; moist; no hydrocarbon odor
						(1.5 – 4') SILT and CLAY, trace SAND (fine to medium); black-grey; moist; no hydrocarbon odor
4	8	MC	-	3'	11.8	(4 – 5') SILT and SAND (medium); grey; moist; slight hydrocarbon odor
						(5 – 6.5') CLAY, trace ORGANICS; black; moist; no hydrocarbon odor
						(6.5 – 8) SILT and SAND (fine); grey; moist-wet; no hydrocarbon odor
8	12	MC	-	4'	1.9	SAND (very fine to coarse), some SILT; reddish-brown; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**OWNER**: East Coast North Properties, LLC **WELL NO.:** GB-2 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 7/2/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54 DT	**SETTING:**
SAMPLING METHOD: 1.25" Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD/CHK	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: 5 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3'	0.5	FILL (GRAVEL, ASPHALT); black-grey; moist; no hydrocarbon odor
4	8	MC	-	2.5'	0.5	(4 – 4.5') FILL (GRAVEL); grey; moist; no hydrocarbon odor
						(4.5 – 6') CLAY and SILT; grey; moist-wet; no hydrocarbon odor
						(6 – 8) SILT and SAND (fine to medium); grey; moist-wet; no hydrocarbon odor
8	12	MC	-	4'	0.5'	SAND (very fine to medium), some SILT, trace ORGANICS; black-grey; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**OWNER**: East Coast North Properties, LLC **WELL NO.:** GB-3 TW **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** 1'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 12 – 7'
DATE COMPLETED: 7/2/2020	**SAND PACK SIZE & TYPE:** 1'' Schedule 40 PVC
DRILLING COMPANY: HydroEnvironmental Solutions, Inc	**SETTING:** 7 – 0'
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54 DT	**SETTING:**
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD/CHK	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: 8 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	2.5'	0.5	(0 – 1.5') FILL (GRAVEL, ASPHALT); black-grey; moist; no hydrocarbon odor
						(1.5 – 4) SILT and SAND (medium), trace GRAVEL; black, moist; no hydrocarbon odor
4	8	MC	-	3'	0.5	(4 – 6') CLAY, WOOD; black; moist; no hydrocarbon odor
						(6 – 8') SAND and SILT, some SAND (fine); grey; moist-wet; no hydrocarbon odor
8	12	MC	-	4'	0.4	SAND (fine to coarse), some SILT, trace ORGANICS; brown-grey; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**OWNER**: East Coast North Properties, LLC **WELL NO.:** GB-4 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 7/2/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54 DT	**SETTING:**
SAMPLING METHOD: 1.25" Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD/CHK	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: 7.7 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	2.5'	0.3	FILL (GRAVEL, ASPHALT); black-grey; moist; no hydrocarbon odor
4	8	MC	-	4'	0.5	(4 – 4.5') FILL (GRAVEL, ASPHALT); brown-grey; moist; no hydrocarbon odor
						(4.5 – 8') SAND (fine to medium) and SILT; grey; moist-wet; no hydrocarbon odor
8	12	MC	-	4'	0.4	SILT and SAND (fine to medium); brown-grey; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**OWNER**: East Coast North Properties, LLC **WELL NO.:** GB-5 TW **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** 1'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 12 – 7'
DATE COMPLETED: 7/2/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc	**SETTING:**
	CASING SIZE & TYPE: 1'' Schedule 40 PVC
DRILLING METHOD: GeoProbe 54 DT	**SETTING:** 7 – 0'
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD/CHK	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: 5.2 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	2.5'	0.4	(0 – 1.5') FILL (GRAVEL, CRUSHED STONE); black; moist; no hydrocarbon odor
						(1.5 – 4') SAND (fine) and SILT; brown; moist; no hydrocarbon odor
4	8	MC	-	4'	0.4	SAND (fine to medium) and SILT; brown; moist-wet; no hydrocarbon odor
8	12	MC	-	4'	0.3	SAND (fine to medium) and SILT; brown; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**OWNER**: East Coast North Properties, LLC **WELL NO.:** GB-6 TW **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** 1'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 12 – 7'
DATE COMPLETED: 7/2/2020	**SAND PACK SIZE & TYPE:** 1'' Schedule 40 PVC
DRILLING COMPANY: HydroEnvironmental Solutions, Inc	**SETTING:** 7 – 0'
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54 DT	**SETTING:**
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD/CHK	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: 6.5 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	2'	0.3	FILL (GRAVEL, ASPHALT) and SAND (fine); brown-black; moist; no hydrocarbon odor
4	8	MC	-	3.5'	0.4	(4 – 4.5') FILL (GRAVEL, ASPHALT) and SAND (fine); brown-black; moist; no hydrocarbon odor
						(4.5 – 8') SAND (fine to medium); brown; wet; no hydrocarbon odor
8	12	MC	-	4'	0.3	SAND (fine to medium) and SILT; brown; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**OWNER**: East Coast North Properties, LLC **WELL NO.:** GB-7 TW **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** 1'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 12 – 7'
DATE COMPLETED: 7/2/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc	**SETTING:**
	CASING SIZE & TYPE: 1'' Schedule 40 PVC
DRILLING METHOD: GeoProbe 54 DT	**SETTING:** 7 – 0'
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD/CHK	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: 5.7 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3'	0.4	(0 – 0.5') FILL (GRAVEL, CRUSHED STONE); black; moist; no hydrocarbon odor
						(0.5 – 4') SAND (fine), and SILT, trace CLAY; brown; moist; no hydrocarbon odor
4	8	MC	-	4'	0.4	SAND (fine to medium) and SILT; brown; moist-wet; no hydrocarbon odor
8	12	MC	-	4'	0.3	SAND (very fine to medium) and SILT; brown; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**OWNER**: East Coast North Properties, LLC **WELL NO.:** GB-8 TW **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** 1'' Schedule 40 PVC **SLOT NO.:** 20 **SETTING**: 12 – 7'
DATE COMPLETED: 7/2/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc	**SETTING:**
	CASING SIZE & TYPE: 1'' Schedule 40 PVC
DRILLING METHOD: GeoProbe 54 DT	**SETTING:** 7 – 0'
SAMPLING METHOD: 1.25'' Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD/CHK	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: 4.9 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3'	0.4	(0 – 1') FILL (GRAVEL, CRUSHED STONE), trace SAND; black; moist; no hydrocarbon odor
						(1 – 4') SAND (very fine), and SILT; light brown; moist; no hydrocarbon odor
4	8	MC	-	3.5'	0.3	(4 – 5') SAND (very fine), and SILT; light brown; moist; no hydrocarbon odor
						(5 – 8') SAND (medium); brown; moist-wet; no hydrocarbon odor
8	12	MC	-	4'	0.3	SAND (medium to coarse); brown; wet; no hydrocarbon odor

GEOLOGIC LOG HydroEnvironmental SOLUTIONS, INC.	**OWNER**: East Coast North Properties, LLC **WELL NO.:** GB-9 **PAGE** 1 **OF** 1 **PAGES**
SITE LOCATION: 416 Waverly Avenue Mamaroneck, New York	**SCREEN SIZE & TYPE:** **SLOT NO.:** **SETTING**:
DATE COMPLETED: 7/2/2020	**SAND PACK SIZE & TYPE:**
DRILLING COMPANY: HydroEnvironmental Solutions, Inc	**SETTING:**
	CASING SIZE & TYPE:
DRILLING METHOD: GeoProbe 54 DT	**SETTING:**
SAMPLING METHOD: 1.25" Stainless Steel Macro Core	**SEAL TYPE:**
DRILLER and/or OBSERVER: RJD/CHK	**SETTING:**
REFERENCE POINT (RP): Grade	**BACKFILL TYPE**:
ELEVATION OF RP:	**STATIC WATER LEVEL**: 5.8 ftbg
STICK-UP: None	**DEVELOPMENT METHOD**:
SURFACE COMPLETION:	**DURATION**: – **YIELD**: –
NOTES: Phase II ESA	
ABBREVIATIONS: SS = split spoon W = wash C = cuttings G = grab ST = shelby tube **REC = Recovery PPM = parts per million ftbg = feet below grade MC = macro core sampler**	

DEPTH (FEET)		SAMPLE TYPE	BLOW COUNT	REC. (FEET)	PID READING (PPM)	DESCRIPTION
FROM	TO					
0	4	MC	-	3'	0.3	(0 – 2') FILL (GRAVEL, BRICK); black; moist; no hydrocarbon odor
						(2 – 4') SAND (very fine), and SILT; brown; moist; no hydrocarbon odor
4	8	MC	-	4'	0.3	(4 – 5') SAND (very fine), and SILT; brown; moist; no hydrocarbon odor
						(5 – 8') SAND (fine to medium) and SILT; brown; moist-wet; no hydrocarbon odor
8	12	MC	-	4'	0.3	SAND (fine to medium) and SILT; brown; moist-wet; no hydrocarbon odor

APPENDIX 3:

Soil and Groundwater Laboratory Analytical Report

Technical Report

prepared for:

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

Report Date: 07/10/2020
Client Project ID: 416 Waverly Avenue Mamaroneck, New York
York Project (SDG) No.: 20G0129

Report Date: 07/10/2020
Client Project ID: 416 Waverly Avenue Mamaroneck, New York
York Project (SDG) No.: 20G0129

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 06, 2020 and listed below. The project was identified as your project: **416 Waverly Avenue Mamaroneck, New York**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20G0129-01	GB-1 TW	Soil	07/02/2020	07/06/2020
20G0129-02	GB-1 TW	Water	07/02/2020	07/06/2020
20G0129-03	GB-3 TW	Soil	07/02/2020	07/06/2020
20G0129-04	GB-3 TW	Water	07/02/2020	07/06/2020
20G0129-05	GB-5 TW	Soil	07/02/2020	07/06/2020
20G0129-06	GB-5 TW	Water	07/02/2020	07/06/2020
20G0129-07	GB-6 TW	Soil	07/02/2020	07/06/2020
20G0129-08	GB-6 TW	Water	07/02/2020	07/06/2020
20G0129-09	GB-7 TW	Soil	07/02/2020	07/06/2020
20G0129-10	GB-7 TW	Water	07/02/2020	07/06/2020
20G0129-11	GB-8 TW	Soil	07/02/2020	07/06/2020
20G0129-12	GB-8 TW	Water	07/02/2020	07/06/2020

General Notes for York Project (SDG) No.: 20G0129

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 07/10/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: GB-1 TW

York Sample ID: 20G0129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
71-43-2	Benzene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.2	21	1	EPA 8260C Certifications:	07/07/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/07/2020 14:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/07/2020 14:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
108-88-3	Toluene	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:24	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/07/2020 14:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: GB-1 TW

York Sample ID: 20G0129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
208-96-8	**Acenaphthylene**	**330**	J	ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
120-12-7	Anthracene	ND		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
56-55-3	**Benzo(a)anthracene**	**710**		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
50-32-8	**Benzo(a)pyrene**	**820**		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
205-99-2	**Benzo(b)fluoranthene**	**850**		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
191-24-2	**Benzo(g,h,i)perylene**	**460**	J	ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
207-08-9	**Benzo(k)fluoranthene**	**600**	J	ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
218-01-9	**Chrysene**	**630**	J	ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
206-44-0	**Fluoranthene**	**900**		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
86-73-7	Fluorene	ND		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**720**		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
91-20-3	Naphthalene	ND		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
85-01-8	Phenanthrene	ND		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH
129-00-0	**Pyrene**	**980**		ug/kg dry	320	640	10	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:05	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*33.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*26.8 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*30.8 %*	*24-116*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: GB-1 TW

York Sample ID: 20G0129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0255	1	EPA 8082A	07/08/2020 07:53	07/09/2020 15:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0255	1	EPA 8082A	07/08/2020 07:53	07/09/2020 15:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0255	1	EPA 8082A	07/08/2020 07:53	07/09/2020 15:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0255	1	EPA 8082A	07/08/2020 07:53	07/09/2020 15:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0255	1	EPA 8082A	07/08/2020 07:53	07/09/2020 15:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0255	1	EPA 8082A	07/08/2020 07:53	07/09/2020 15:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0255	1	EPA 8082A	07/08/2020 07:53	07/09/2020 15:50	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0255	1	EPA 8082A	07/08/2020 07:53	07/09/2020 15:50	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**31900**		mg/kg dry	7.73	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.86	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.54**		mg/kg dry	2.32	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**130**		mg/kg dry	3.86	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.077	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.464	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**13100**		mg/kg dry	7.73	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**37.4**		mg/kg dry	0.773	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**16.3**		mg/kg dry	0.618	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GB-1 TW

York Sample ID: 20G0129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**30.1**		mg/kg dry	3.09	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**29300**		mg/kg dry	38.6	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**33.6**		mg/kg dry	0.773	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**10700**		mg/kg dry	7.73	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**294**		mg/kg dry	0.773	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**29.0**		mg/kg dry	1.55	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1680**		mg/kg dry	7.73	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.86	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.773	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**341**		mg/kg dry	77.3	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.86	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**54.5**		mg/kg dry	1.55	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**74.2**		mg/kg dry	3.86	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:36	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.401**		mg/kg dry	0.0464	1	EPA 7473	07/07/2020 09:04	07/07/2020 12:48	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**64.7**		%	0.100	1	SM 2540G	07/07/2020 08:05	07/07/2020 16:08	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: GB-1 TW

York Sample ID: 20G0129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (STARS) Low level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/08/2020 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/08/2020 21:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/08/2020 21:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/08/2020 21:30	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*180 %*	S-HI	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*88.2 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*		*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: GB-1 TW

York Sample ID: 20G0129-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.385**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.815**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.677**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.37**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**2.14**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.98**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.785**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.49**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.969**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.354**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**2.14**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.754**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.954**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.308**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.415**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1.68**		ug/L	0.0769	0.0769	1	EPA 8270D	07/08/2020 14:44	07/09/2020 16:40	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.8 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.5 %*	*30.7-106*

Sample Information

Client Sample ID: GB-3 TW

York Sample ID: 20G0129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C Certifications:	07/07/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/07/2020 14:49	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/07/2020 14:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
108-88-3	Toluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 14:49	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/07/2020 14:49	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:36	KH

Sample Information

Client Sample ID: GB-3 TW

York Sample ID: 20G0129-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
120-12-7	Anthracene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
218-01-9	Chrysene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
206-44-0	Fluoranthene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
86-73-7	Fluorene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
91-20-3	Naphthalene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
85-01-8	Phenanthrene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH
129-00-0	Pyrene	ND		ug/kg dry	60	120	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 08:41	07/09/2020 19:36	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.6 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.7 %*	*24-116*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.4**		%	0.100	1	SM 2540G Certifications: CTDOH	07/07/2020 08:05	07/07/2020 16:08	WJM

Sample Information

Client Sample ID: GB-3 TW **York Sample ID:** 20G0129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (STARS) Low level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.32**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/08/2020 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/08/2020 21:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/08/2020 21:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 21:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/08/2020 21:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: GB-3 TW **York Sample ID:** 20G0129-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS)-Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
208-96-8	Acenaphthylene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
120-12-7	Anthracene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
218-01-9	Chrysene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
206-44-0	Fluoranthene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
86-73-7	Fluorene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
91-20-3	Naphthalene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
85-01-8	Phenanthrene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW
129-00-0	Pyrene	ND		ug/L	0.0645	0.0645	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:11	OW

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.0 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.0 %*	*30.7-106*

Sample Information

Client Sample ID: GB-5 TW **York Sample ID:** 20G0129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Sample Information

Client Sample ID: GB-5 TW

York Sample ID: 20G0129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.5	1	EPA 8260C Certifications:	07/07/2020 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/07/2020 15:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/07/2020 15:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/07/2020 15:14	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications:	07/07/2020 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/07/2020 15:14	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH

Sample Information

Client Sample ID: GB-5 TW

York Sample ID: 20G0129-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
120-12-7	Anthracene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
218-01-9	Chrysene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
206-44-0	Fluoranthene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
86-73-7	Fluorene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
91-20-3	Naphthalene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
85-01-8	Phenanthrene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH
129-00-0	Pyrene	ND		ug/kg dry	47	94	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:07	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.3 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.4 %*	*24-116*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.7**		%	0.100	1	SM 2540G Certifications: CTDOH	07/07/2020 08:05	07/07/2020 16:08	WJM

Sample Information

Client Sample ID: GB-5 TW

York Sample ID: 20G0129-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (STARS) Low level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/08/2020 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/08/2020 22:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/08/2020 22:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/08/2020 22:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW

Sample Information

Client Sample ID: GB-5 TW **York Sample ID:** 20G0129-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
120-12-7	Anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
50-32-8	**Benzo(a)pyrene**	**0.0588**	J	ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
205-99-2	**Benzo(b)fluoranthene**	**0.0588**	J	ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
218-01-9	Chrysene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
206-44-0	**Fluoranthene**	**0.0588**	J	ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
86-73-7	Fluorene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
91-20-3	Naphthalene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
85-01-8	Phenanthrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW
129-00-0	Pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 17:42	OW

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.6 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.7 %*	*30.7-106*

Sample Information

Client Sample ID: GB-6 TW **York Sample ID:** 20G0129-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Sample Information

Client Sample ID: GB-6 TW

York Sample ID: 20G0129-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 15:39 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41	07/09/2020 20:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: GB-6 TW

York Sample ID: 20G0129-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
120-12-7	Anthracene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
218-01-9	Chrysene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
206-44-0	Fluoranthene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
86-73-7	Fluorene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
91-20-3	Naphthalene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
85-01-8	Phenanthrene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH
129-00-0	Pyrene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 20:38	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.2 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.0 %*	*24-116*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	07/08/2020 07:53 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/09/2020 05:32	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	07/08/2020 07:53 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/09/2020 05:32	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	07/08/2020 07:53 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/09/2020 05:32	BJ

Sample Information

Client Sample ID: GB-6 TW

York Sample ID: 20G0129-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:53	07/09/2020 05:32	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:53	07/09/2020 05:32	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:53	07/09/2020 05:32	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:53	07/09/2020 05:32	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	07/08/2020 07:53	07/09/2020 05:32	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4680**		mg/kg dry	6.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7440-36-0	Antimony	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7440-39-3	**Barium**	**29.8**		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.362	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7440-70-2	**Calcium**	**845**		mg/kg dry	6.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7440-47-3	**Chromium**	**8.62**		mg/kg dry	0.603	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7440-48-4	**Cobalt**	**5.37**		mg/kg dry	0.482	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7440-50-8	**Copper**	**8.46**		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7439-89-6	**Iron**	**8860**		mg/kg dry	30.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7439-92-1	**Lead**	**2.71**		mg/kg dry	0.603	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML
7439-95-4	**Magnesium**	**1660**		mg/kg dry	6.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:38	KML

Sample Information

Client Sample ID: GB-6 TW **York Sample ID:** 20G0129-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**328**		mg/kg dry	0.603	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**7.09**		mg/kg dry	1.21	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1060**		mg/kg dry	6.03	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.01	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.603	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**109**		mg/kg dry	60.3	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.01	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**10.1**		mg/kg dry	1.21	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**21.4**		mg/kg dry	3.01	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0362	1	EPA 7473	07/07/2020 09:04	07/07/2020 12:57	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.9**		%	0.100	1	SM 2540G	07/07/2020 08:05	07/07/2020 16:08	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: GB-6 TW **York Sample ID:** 20G0129-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Sample Information

Client Sample ID: GB-6 TW

York Sample ID: 20G0129-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (STARS) Low level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/08/2020 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/08/2020 22:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/08/2020 22:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/08/2020 22:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	07/08/2020 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/08/2020 22:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW

Sample Information

Client Sample ID: GB-6 TW **York Sample ID:** 20G0129-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS)-Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
120-12-7	Anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
218-01-9	Chrysene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
206-44-0	Fluoranthene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
86-73-7	Fluorene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
91-20-3	Naphthalene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
85-01-8	Phenanthrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW
129-00-0	Pyrene	ND		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:13	OW

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.1 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*	*30.7-106*

Sample Information

Client Sample ID: GB-7 TW **York Sample ID:** 20G0129-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (formerly STARS) List **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: GB-7 TW

York Sample ID: 20G0129-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:05 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41	07/09/2020 21:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41	07/09/2020 21:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: GB-7 TW

York Sample ID: 20G0129-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
218-01-9	Chrysene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
206-44-0	Fluoranthene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
86-73-7	Fluorene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
91-20-3	Naphthalene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
85-01-8	Phenanthrene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH
129-00-0	Pyrene	ND		ug/kg dry	43	85	2	EPA 8270D Certifications:	07/09/2020 08:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 21:09	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.7 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.7 %*	*24-116*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	07/08/2020 07:53 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/09/2020 05:46	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	07/08/2020 07:53 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/09/2020 05:46	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	07/08/2020 07:53 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/09/2020 05:46	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	07/08/2020 07:53 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/09/2020 05:46	BJ

Sample Information

Client Sample ID: GB-7 TW **York Sample ID:** 20G0129-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:53	07/09/2020 05:46	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:53	07/09/2020 05:46	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:53	07/09/2020 05:46	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	07/08/2020 07:53	07/09/2020 05:46	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5400**		mg/kg dry	5.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7440-36-0	Antimony	ND		mg/kg dry	2.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.55	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7440-39-3	**Barium**	**95.8**		mg/kg dry	2.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.310	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7440-70-2	**Calcium**	**659**		mg/kg dry	5.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7440-47-3	**Chromium**	**10.2**		mg/kg dry	0.517	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7440-48-4	**Cobalt**	**26.6**		mg/kg dry	0.414	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7440-50-8	**Copper**	**12.0**		mg/kg dry	2.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7439-89-6	**Iron**	**9160**		mg/kg dry	25.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7439-92-1	**Lead**	**3.58**		mg/kg dry	0.517	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7439-95-4	**Magnesium**	**1900**		mg/kg dry	5.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML
7439-96-5	**Manganese**	**640**		mg/kg dry	0.517	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:41	KML

Sample Information

Client Sample ID: GB-7 TW **York Sample ID:** 20G0129-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**10.6**		mg/kg dry	1.03	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1320**		mg/kg dry	5.17	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.59	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.517	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	51.7	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.59	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**12.9**		mg/kg dry	1.03	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**19.3**		mg/kg dry	2.59	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:41	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0310	1	EPA 7473	07/07/2020 09:04	07/07/2020 13:06	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.7**		%	0.100	1	SM 2540G	07/07/2020 08:05	07/07/2020 16:08	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: GB-7 TW **York Sample ID:** 20G0129-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (STARS) Low level

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: GB-7 TW

York Sample ID: 20G0129-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44	07/09/2020 18:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44	07/09/2020 18:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW

Sample Information

Client Sample ID: GB-7 TW **York Sample ID:** 20G0129-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
85-01-8	**Phenanthrene**	**0.0700**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 18:44	OW

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.1 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.8 %*	*30.7-106*

Sample Information

Client Sample ID: GB-8 TW **York Sample ID:** 20G0129-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GB-8 TW

York Sample ID: 20G0129-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	07/07/2020 09:30	07/07/2020 16:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22	07/09/2020 10:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22	07/09/2020 10:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW

Sample Information

Client Sample ID: GB-8 TW

York Sample ID: 20G0129-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
218-01-9	Chrysene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
206-44-0	Fluoranthene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
86-73-7	Fluorene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
91-20-3	Naphthalene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
85-01-8	Phenanthrene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW
129-00-0	Pyrene	ND		ug/kg dry	47	93	2	EPA 8270D Certifications:	07/07/2020 14:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 10:55	OW

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*92.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.8 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.4 %*	*24-116*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	07/08/2020 07:53 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/09/2020 06:00	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	07/08/2020 07:53 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/09/2020 06:00	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	07/08/2020 07:53 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/09/2020 06:00	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	07/08/2020 07:53 NELAC-NY10854,CTDOH,NJDEP,PADEP	07/09/2020 06:00	BJ

Sample Information

Client Sample ID: GB-8 TW

York Sample ID: 20G0129-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:53	07/09/2020 06:00	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:53	07/09/2020 06:00	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:53	07/09/2020 06:00	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	07/08/2020 07:53	07/09/2020 06:00	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5810**		mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7440-36-0	Antimony	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7440-39-3	**Barium**	**34.7**		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.341	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7440-70-2	**Calcium**	**858**		mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7440-47-3	**Chromium**	**9.58**		mg/kg dry	0.568	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7440-48-4	**Cobalt**	**6.09**		mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7440-50-8	**Copper**	**11.6**		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7439-89-6	**Iron**	**10200**		mg/kg dry	28.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7439-92-1	**Lead**	**3.29**		mg/kg dry	0.568	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7439-95-4	**Magnesium**	**1940**		mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML
7439-96-5	**Manganese**	**541**		mg/kg dry	0.568	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 09:01	07/08/2020 13:43	KML

Sample Information

Client Sample ID: GB-8 TW **York Sample ID:** 20G0129-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Soil	July 2, 2020 12:00 am	07/06/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**10.5**		mg/kg dry	1.14	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1340**		mg/kg dry	5.68	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.568	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**95.2**		mg/kg dry	56.8	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**12.1**		mg/kg dry	1.14	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**16.4**		mg/kg dry	2.84	1	EPA 6010D	07/07/2020 09:01	07/08/2020 13:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0341	1	EPA 7473	07/07/2020 09:04	07/07/2020 13:15	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.0**		%	0.100	1	SM 2540G	07/07/2020 08:07	07/08/2020 08:19	WJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: GB-8 TW **York Sample ID:** 20G0129-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Volatile Organics, CP-51 (STARS) Low level

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GB-8 TW

York Sample ID: 20G0129-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	**n-Propylbenzene**	**0.31**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	07/08/2020 12:30	07/08/2020 23:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*79-122*

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44	07/09/2020 19:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44	07/09/2020 19:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	OW

Sample Information

Client Sample ID: GB-8 TW

York Sample ID: 20G0129-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0129	416 Waverly Avenue Mamaroneck, New York	Water	July 2, 2020 12:00 am	07/06/2020

Semi-Volatiles, CP-51 (formerly STARS)-Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/08/2020 14:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/09/2020 19:15	OW

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.4 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.5 %*	*30.7-106*

Analytical Batch Summary

Batch ID: BG00266 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20G0129-01	GB-1 TW	07/07/20
20G0129-03	GB-3 TW	07/07/20
20G0129-05	GB-5 TW	07/07/20
20G0129-07	GB-6 TW	07/07/20
20G0129-09	GB-7 TW	07/07/20
BG00266-DUP1	Duplicate	07/07/20

Batch ID: BG00267 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20G0129-11	GB-8 TW	07/07/20

Batch ID: BG00271 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20G0129-01	GB-1 TW	07/07/20
20G0129-07	GB-6 TW	07/07/20
20G0129-09	GB-7 TW	07/07/20
20G0129-11	GB-8 TW	07/07/20
BG00271-BLK1	Blank	07/07/20
BG00271-SRM1	Reference	07/07/20

Batch ID: BG00276 **Preparation Method:** EPA 5035A **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20G0129-01	GB-1 TW	07/07/20
20G0129-03	GB-3 TW	07/07/20
20G0129-05	GB-5 TW	07/07/20
20G0129-07	GB-6 TW	07/07/20
20G0129-09	GB-7 TW	07/07/20
20G0129-11	GB-8 TW	07/07/20
BG00276-BLK1	Blank	07/07/20
BG00276-BLK2	Blank	07/07/20
BG00276-BS1	LCS	07/07/20
BG00276-BSD1	LCS Dup	07/07/20

Batch ID: BG00279 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20G0129-01	GB-1 TW	07/07/20
20G0129-07	GB-6 TW	07/07/20
20G0129-09	GB-7 TW	07/07/20
20G0129-11	GB-8 TW	07/07/20

BG00279-BLK1	Blank	07/07/20
BG00279-SRM1	Reference	07/07/20

Batch ID: BG00299 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20G0129-11	GB-8 TW	07/07/20
BG00299-BLK1	Blank	07/07/20
BG00299-BS1	LCS	07/07/20

Batch ID: BG00333 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20G0129-01	GB-1 TW	07/08/20
20G0129-07	GB-6 TW	07/08/20
20G0129-09	GB-7 TW	07/08/20
20G0129-11	GB-8 TW	07/08/20
BG00333-BLK2	Blank	07/08/20
BG00333-BS2	LCS	07/08/20

Batch ID: BG00337 **Preparation Method:** EPA 3510C **Prepared By:** AEL

YORK Sample ID	Client Sample ID	Preparation Date
20G0129-02	GB-1 TW	07/08/20
20G0129-04	GB-3 TW	07/08/20
20G0129-06	GB-5 TW	07/08/20
20G0129-08	GB-6 TW	07/08/20
20G0129-10	GB-7 TW	07/08/20
20G0129-12	GB-8 TW	07/08/20
BG00337-BLK1	Blank	07/08/20
BG00337-BS1	LCS	07/08/20
BG00337-BSD1	LCS Dup	07/08/20

Batch ID: BG00368 **Preparation Method:** EPA 5030B **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
20G0129-02	GB-1 TW	07/08/20
20G0129-04	GB-3 TW	07/08/20
20G0129-06	GB-5 TW	07/08/20
20G0129-08	GB-6 TW	07/08/20
20G0129-10	GB-7 TW	07/08/20
20G0129-12	GB-8 TW	07/08/20
BG00368-BLK1	Blank	07/08/20
BG00368-BS1	LCS	07/08/20
BG00368-BSD1	LCS Dup	07/08/20

Batch ID: BG00426 **Preparation Method:** EPA 3550C **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
20G0129-01	GB-1 TW	07/09/20
20G0129-03	GB-3 TW	07/09/20
20G0129-05	GB-5 TW	07/09/20
20G0129-07	GB-6 TW	07/09/20
20G0129-09	GB-7 TW	07/09/20
BG00426-BS1	LCS	07/09/20

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00276 - EPA 5035A											
Blank (BG00276-BLK1)											Prepared & Analyzed: 07/07/2020
1,2,4-Trimethylbenzene	ND	5.0	ug/kg wet								
1,3,5-Trimethylbenzene	ND	5.0	"								
Benzene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	5.0	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Toluene	ND	5.0	"								
Xylenes, Total	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*ug/L*	*50.0*		*97.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				
Blank (BG00276-BLK2)											Prepared & Analyzed: 07/07/2020
1,2,4-Trimethylbenzene	ND	500	ug/kg wet								
1,3,5-Trimethylbenzene	ND	500	"								
Benzene	ND	500	"								
Ethyl Benzene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	500	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Toluene	ND	500	"								
Xylenes, Total	ND	500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*ug/L*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00276 - EPA 5035A											
LCS (BG00276-BS1)							Prepared & Analyzed: 07/07/2020				
1,2,4-Trimethylbenzene	49		ug/L	50.0		98.1	84-125				
1,3,5-Trimethylbenzene	48		"	50.0		96.5	82-126				
Benzene	50		"	50.0		99.1	77-127				
Ethyl Benzene	49		"	50.0		97.3	84-125				
Isopropylbenzene	48		"	50.0		95.1	81-127				
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.6	74-131				
Naphthalene	51		"	50.0		103	86-141				
n-Butylbenzene	45		"	50.0		90.1	80-130				
n-Propylbenzene	47		"	50.0		94.2	74-136				
o-Xylene	48		"	50.0		97.0	83-123				
p- & m- Xylenes	96		"	100		96.5	82-128				
p-Isopropyltoluene	49		"	50.0		98.2	85-125				
sec-Butylbenzene	51		"	50.0		102	83-125				
tert-Butylbenzene	41		"	50.0		82.3	80-127				
Toluene	48		"	50.0		95.5	85-121				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.7*	*76-130*				
LCS Dup (BG00276-BSD1)							Prepared & Analyzed: 07/07/2020				
1,2,4-Trimethylbenzene	52		ug/L	50.0		104	84-125		5.42	30	
1,3,5-Trimethylbenzene	51		"	50.0		101	82-126		4.91	30	
Benzene	52		"	50.0		104	77-127		4.59	30	
Ethyl Benzene	51		"	50.0		102	84-125		4.58	30	
Isopropylbenzene	50		"	50.0		99.3	81-127		4.38	30	
Methyl tert-butyl ether (MTBE)	52		"	50.0		104	74-131		4.51	30	
Naphthalene	54		"	50.0		108	86-141		4.90	30	
n-Butylbenzene	48		"	50.0		95.6	80-130		5.92	30	
n-Propylbenzene	49		"	50.0		98.4	74-136		4.42	30	
o-Xylene	51		"	50.0		101	83-123		4.26	30	
p- & m- Xylenes	100		"	100		101	82-128		4.48	30	
p-Isopropyltoluene	52		"	50.0		103	85-125		5.16	30	
sec-Butylbenzene	54		"	50.0		107	83-125		5.24	30	
tert-Butylbenzene	43		"	50.0		86.0	80-127		4.42	30	
Toluene	50		"	50.0		100	85-121		5.02	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00368 - EPA 5030B											
Blank (BG00368-BLK1)								Prepared & Analyzed: 07/08/2020			
1,2,4-Trimethylbenzene	ND	0.50	ug/L								
1,3,5-Trimethylbenzene	ND	0.50	"								
Benzene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Toluene	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BG00368-BS1)								Prepared & Analyzed: 07/08/2020			
1,2,4-Trimethylbenzene	9.8		ug/L	10.0		98.2	82-132				
1,3,5-Trimethylbenzene	9.6		"	10.0		96.4	80-131				
Benzene	10		"	10.0		102	85-126				
Ethyl Benzene	9.7		"	10.0		96.9	80-131				
Isopropylbenzene	9.4		"	10.0		94.1	76-140				
Methyl tert-butyl ether (MTBE)	9.8		"	10.0		98.2	76-135				
Naphthalene	8.6		"	10.0		85.7	70-147				
n-Butylbenzene	9.8		"	10.0		98.3	79-132				
n-Propylbenzene	9.5		"	10.0		94.6	78-133				
o-Xylene	9.4		"	10.0		94.2	78-130				
p- & m- Xylenes	19		"	20.0		97.2	77-133				
p-Isopropyltoluene	10		"	10.0		99.7	81-136				
sec-Butylbenzene	11		"	10.0		105	79-137				
tert-Butylbenzene	8.7		"	10.0		87.2	77-138				
Toluene	9.7		"	10.0		96.6	80-127				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.54*		*"*	*10.0*		*95.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00368 - EPA 5030B											
LCS Dup (BG00368-BSD1)								Prepared & Analyzed: 07/08/2020			
1,2,4-Trimethylbenzene	9.7		ug/L	10.0		96.7	82-132		1.54	30	
1,3,5-Trimethylbenzene	9.6		"	10.0		95.9	80-131		0.520	30	
Benzene	9.6		"	10.0		96.5	85-126		6.03	30	
Ethyl Benzene	9.4		"	10.0		94.2	80-131		2.83	30	
Isopropylbenzene	9.3		"	10.0		93.0	76-140		1.18	30	
Methyl tert-butyl ether (MTBE)	9.3		"	10.0		93.1	76-135		5.33	30	
Naphthalene	8.2		"	10.0		82.0	70-147		4.41	30	
n-Butylbenzene	9.5		"	10.0		94.6	79-132		3.84	30	
n-Propylbenzene	9.3		"	10.0		92.8	78-133		1.92	30	
o-Xylene	9.0		"	10.0		89.9	78-130		4.67	30	
p- & m- Xylenes	19		"	20.0		93.8	77-133		3.46	30	
p-Isopropyltoluene	9.8		"	10.0		97.6	81-136		2.13	30	
sec-Butylbenzene	10		"	10.0		103	79-137		2.02	30	
tert-Butylbenzene	8.6		"	10.0		85.9	77-138		1.50	30	
Toluene	9.3		"	10.0		93.4	80-127		3.37	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.90*		*"*	*10.0*		*99.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00299 - EPA 3550C											
Blank (BG00299-BLK1)											Prepared: 07/07/2020 Analyzed: 07/08/2020
Acenaphthene	ND	42	ug/kg wet								
Acenaphthylene	ND	42	"								
Anthracene	ND	42	"								
Benzo(a)anthracene	ND	42	"								
Benzo(a)pyrene	ND	42	"								
Benzo(b)fluoranthene	ND	42	"								
Benzo(g,h,i)perylene	ND	42	"								
Benzo(k)fluoranthene	ND	42	"								
Chrysene	ND	42	"								
Dibenzo(a,h)anthracene	ND	42	"								
Fluoranthene	ND	42	"								
Fluorene	ND	42	"								
Indeno(1,2,3-cd)pyrene	ND	42	"								
Naphthalene	ND	42	"								
Phenanthrene	ND	42	"								
Pyrene	ND	42	"								
Surrogate: SURR: Nitrobenzene-d5	*870*		*"*	*831*		*105*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*660*		*"*	*831*		*80.0*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*750*		*"*	*831*		*89.9*	*24-116*				
LCS (BG00299-BS1)											Prepared: 07/07/2020 Analyzed: 07/08/2020
Acenaphthene	570	42	ug/kg wet	831		69.0	17-124				
Acenaphthylene	540	42	"	831		65.4	16-124				
Anthracene	590	42	"	831		71.0	24-124				
Benzo(a)anthracene	590	42	"	831		71.6	25-134				
Benzo(a)pyrene	590	42	"	831		71.0	29-144				
Benzo(b)fluoranthene	620	42	"	831		75.2	20-151				
Benzo(g,h,i)perylene	630	42	"	831		75.6	10-153				
Benzo(k)fluoranthene	560	42	"	831		67.7	10-148				
Chrysene	580	42	"	831		69.8	24-116				
Dibenzo(a,h)anthracene	740	42	"	831		89.2	17-147				
Fluoranthene	610	42	"	831		73.7	36-125				
Fluorene	590	42	"	831		71.4	16-130				
Indeno(1,2,3-cd)pyrene	700	42	"	831		84.5	10-155				
Naphthalene	590	42	"	831		71.0	20-121				
Phenanthrene	600	42	"	831		71.6	24-123				
Pyrene	600	42	"	831		72.4	24-132				
Surrogate: SURR: Nitrobenzene-d5	*780*		*"*	*831*		*94.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*630*		*"*	*831*		*75.5*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*710*		*"*	*831*		*85.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00337 - EPA 3510C											
Blank (BG00337-BLK1)									Prepared & Analyzed: 07/08/2020		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
Surrogate: SURR: Nitrobenzene-d5	*22.1*		*"*	*25.0*		*88.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.0*		*"*	*25.0*		*79.9*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*26.5*		*"*	*25.0*		*106*	*30.7-106*				
LCS (BG00337-BS1)									Prepared & Analyzed: 07/08/2020		
Acenaphthene	18.4	0.0500	ug/L	25.0		73.4	24-114				
Acenaphthylene	17.9	0.0500	"	25.0		71.7	26-112				
Anthracene	21.1	0.0500	"	25.0		84.4	35-114				
Benzo(a)anthracene	23.4	0.0500	"	25.0		93.6	38-127				
Benzo(a)pyrene	24.8	0.0500	"	25.0		99.2	30-146				
Benzo(b)fluoranthene	27.7	0.0500	"	25.0		111	36-145				
Benzo(g,h,i)perylene	25.2	0.0500	"	25.0		101	10-163				
Benzo(k)fluoranthene	23.8	0.0500	"	25.0		95.4	16-149				
Chrysene	21.5	0.0500	"	25.0		86.1	33-120				
Dibenzo(a,h)anthracene	25.2	0.0500	"	25.0		101	10-149				
Fluoranthene	24.5	0.0500	"	25.0		97.9	33-126				
Fluorene	20.0	0.0500	"	25.0		80.2	28-117				
Indeno(1,2,3-cd)pyrene	28.9	0.0500	"	25.0		115	10-150				
Naphthalene	18.9	0.0500	"	25.0		75.6	30-99				
Phenanthrene	20.6	0.0500	"	25.0		82.6	31-112				
Pyrene	20.0	0.0500	"	25.0		79.9	42-125				
Surrogate: SURR: Nitrobenzene-d5	*19.7*		*"*	*25.0*		*78.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.7*		*"*	*25.0*		*70.8*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*23.4*		*"*	*25.0*		*93.8*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00337 - EPA 3510C											
LCS Dup (BG00337-BSD1)								Prepared & Analyzed: 07/08/2020			
Acenaphthene	19.6	0.0500	ug/L	25.0		78.5	24-114		6.69	20	
Acenaphthylene	19.2	0.0500	"	25.0		76.8	26-112		6.90	20	
Anthracene	22.4	0.0500	"	25.0		89.6	35-114		5.97	20	
Benzo(a)anthracene	25.0	0.0500	"	25.0		99.8	38-127		6.41	20	
Benzo(a)pyrene	24.4	0.0500	"	25.0		97.6	30-146		1.59	20	
Benzo(b)fluoranthene	27.8	0.0500	"	25.0		111	36-145		0.432	20	
Benzo(g,h,i)perylene	25.0	0.0500	"	25.0		100	10-163		0.796	20	
Benzo(k)fluoranthene	24.2	0.0500	"	25.0		96.7	16-149		1.42	20	
Chrysene	22.7	0.0500	"	25.0		90.9	33-120		5.47	20	
Dibenzo(a,h)anthracene	25.3	0.0500	"	25.0		101	10-149		0.515	20	
Fluoranthene	25.1	0.0500	"	25.0		101	33-126		2.66	20	
Fluorene	21.2	0.0500	"	25.0		84.8	28-117		5.63	20	
Indeno(1,2,3-cd)pyrene	29.5	0.0500	"	25.0		118	10-150		2.23	20	
Naphthalene	20.7	0.0500	"	25.0		82.8	30-99		8.99	20	
Phenanthrene	21.8	0.0500	"	25.0		87.2	31-112		5.46	20	
Pyrene	22.9	0.0500	"	25.0		91.4	42-125		13.4	20	
Surrogate: SURR: Nitrobenzene-d5	*22.5*		*"*	*25.0*		*90.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.1*		*"*	*25.0*		*80.2*	*39.9-105*				
Surrogate: SURR: Terphenyl-d14	*27.6*		*"*	*25.0*		*110*	*30.7-106*				
Batch BG00426 - EPA 3550C											
LCS (BG00426-BS1)								Prepared & Analyzed: 07/09/2020			
Acenaphthene	490	42	ug/kg wet	831		59.0	17-124				
Acenaphthylene	470	42	"	831		56.0	16-124				
Anthracene	550	42	"	831		65.8	24-124				
Benzo(a)anthracene	540	42	"	831		65.2	25-134				
Benzo(a)pyrene	520	42	"	831		62.8	29-144				
Benzo(b)fluoranthene	520	42	"	831		63.2	20-151				
Benzo(g,h,i)perylene	510	42	"	831		61.8	10-153				
Benzo(k)fluoranthene	500	42	"	831		60.2	10-148				
Chrysene	500	42	"	831		59.9	24-116				
Dibenzo(a,h)anthracene	560	42	"	831		67.8	17-147				
Fluoranthene	570	42	"	831		68.8	36-125				
Fluorene	500	42	"	831		59.9	16-130				
Indeno(1,2,3-cd)pyrene	570	42	"	831		68.1	10-155				
Naphthalene	490	42	"	831		59.2	20-121				
Phenanthrene	540	42	"	831		64.6	24-123				
Pyrene	540	42	"	831		65.2	24-132				
Surrogate: SURR: Nitrobenzene-d5	*570*		*"*	*831*		*69.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*510*		*"*	*831*		*60.9*	*21-113*				
Surrogate: SURR: Terphenyl-d14	*650*		*"*	*831*		*78.0*	*24-116*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00333 - EPA 3550C											
Blank (BG00333-BLK2)											Prepared: 07/08/2020 Analyzed: 07/09/2020
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0515*		*"*	*0.0664*		*77.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0771*		*"*	*0.0664*		*116*	*30-140*				
LCS (BG00333-BS2)											Prepared: 07/08/2020 Analyzed: 07/09/2020
Aroclor 1016	0.204	0.0166	mg/kg wet	0.332		61.3	40-130				
Aroclor 1260	0.269	0.0166	"	0.332		80.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0518*		*"*	*0.0664*		*78.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0801*		*"*	*0.0664*		*120*	*30-140*				
Batch Y0G0838 - BG00333											
Aroclor Reference (Y0G0838-ARC1)											Prepared & Analyzed: 07/08/2020
Surrogate: Tetrachloro-m-xylene	*0.197*		*ug/mL*	*0.200*		*98.5*					
Surrogate: Decachlorobiphenyl	*0.250*		*"*	*0.200*		*125*					
Batch Y0G0930 - BG00427											
Aroclor Reference (Y0G0930-ARC1)											Prepared & Analyzed: 07/09/2020
Surrogate: Tetrachloro-m-xylene	*0.193*		*ug/mL*	*0.200*		*96.5*					
Surrogate: Decachlorobiphenyl	*0.252*		*"*	*0.200*		*126*					

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00271 - EPA 3050B											
Blank (BG00271-BLK1)											Prepared: 07/07/2020 Analyzed: 07/08/2020
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Reference (BG00271-SRM1)											Prepared: 07/07/2020 Analyzed: 07/08/2020
Aluminum	9540	5.00	mg/kg wet	8460		113	50.5-150.1				
Antimony	71.1	2.50	"	120		59.3	19-251.7				
Arsenic	113	1.50	"	95.5		118	70.1-129.8				
Barium	352	2.50	"	300		117	75-125				
Beryllium	118	0.050	"	103		114	75-125.2				
Cadmium	155	0.300	"	135		115	74.8-125.2				
Calcium	5450	5.00	"	4720		115	72.7-127.5				
Chromium	169	0.500	"	147		115	70.1-129.9				
Cobalt	53.4	0.400	"	43.2		124	75-125				
Copper	185	2.00	"	150		124	75.3-125.3				
Iron	16300	25.0	"	14400		113	35.8-164.6				
Lead	107	0.500	"	92.3		116	70-130				
Magnesium	2620	5.00	"	2300		114	61.7-137.8				
Manganese	781	0.500	"	677		115	78.1-122				
Nickel	83.0	1.00	"	59.8		139	70.1-130.1	High Bias			
Potassium	2310	5.00	"	2030		114	59.1-140.9				
Selenium	29.3	2.50	"	42.0		69.8	55.7-144.5				
Silver	47.3	0.500	"	40.3		117	69.2-130.8				
Sodium	151	50.0	"	139		108	36.1-163.3				
Thallium	94.2	2.50	"	83.1		113	65.3-146.8				
Vanadium	107	1.00	"	96.9		110	67-133.1				
Zinc	421	2.50	"	369		114	69.9-130.1				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00279 - EPA 7473 soil											
Blank (BG00279-BLK1)									Prepared & Analyzed: 07/07/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BG00279-SRM1)									Prepared & Analyzed: 07/07/2020		
Mercury	3.0919		mg/kg	3.71		83.3	65-135				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00266 - % Solids Prep											
Duplicate (BG00266-DUP1)	*Source sample: 20G0129-09 (GB-7 TW)								Prepared & Analyzed: 07/07/2020		
% Solids	96.6	0.100	%		96.7				0.105	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20G0129-01	GB-1 TW	40mL Vial with Stir Bar-Cool 4° C
20G0129-02	GB-1 TW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20G0129-03	GB-3 TW	40mL Vial with Stir Bar-Cool 4° C
20G0129-04	GB-3 TW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20G0129-05	GB-5 TW	40mL Vial with Stir Bar-Cool 4° C
20G0129-06	GB-5 TW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20G0129-07	GB-6 TW	40mL Vial with Stir Bar-Cool 4° C
20G0129-08	GB-6 TW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20G0129-09	GB-7 TW	40mL Vial with Stir Bar-Cool 4° C
20G0129-10	GB-7 TW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20G0129-11	GB-8 TW	40mL Vial with Stir Bar-Cool 4° C
20G0129-12	GB-8 TW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-08	The recovery of this surrogate was outside of QC limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 20G0129

YOUR Information
Company: HES, Inc.
Address: One Deans Bridge Road
Somers, New York 10589
Phone No. (914) 276-2560
Contact Person:
E-Mail Address:

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
416 Waverly Avenue
Mamaroneck, New York
Samples from: CT ___ NY X NJ ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) ☒

Report Type
Summary Report X
Summary w/ QA Summary
CT RCP Package
CTRCP DQA/DUE Pkg
NY ASP A Package
NY ASP B Package
NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Richard DePelo
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GB-1 TW	7/2/20	S	EPA 8260 w/ MTBE, 8270 STARS, TAL Metals + PCBs	(1) 8oz (3) VOAs
GB-1 TW		GW	EPA 8260 w/ MTBE + 8270 STARS	(1) Amber (3) VOAs
GB-3 TW		S	EPA 8260 w/ MTBE, 8270 STARS	(1) 8oz (3) VOAs
GB-3 TW		GW	EPA 8260 w/ MTBE + 8270 STARS	(1) Amber (3) VOAs
GB-5 TW		S	EPA 8260 w/ MTBE + 8270 STARS	(1) ~~Amber~~ 8oz (3) VOAs
GB-5 TW		GW	EPA 8260 w/ MTBE + 8270 STARS	(1) Amber (3) VOAs
GB-6 TW		S	EPA 8260 w/ MTBE, 8270 STARS, TAL Metals + PCBs	(1) 8oz (3) VOAs
GB-6 TW		GW	EPA 8260 w/ MTBE + 8270 STARS	

Comments

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 7-6-20 9:40
Samples Received By — Date/Time: 7-6-20 9:40
Samples Relinquished By — Date/Time: 7-6-20 1453
Samples Received in LAB by — Date/Time: 7/6/20 1453

Temperature on Receipt: 2.3 °C

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 20G0129

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: HES, Inc.	Company: Same	Company: Same	416 Waverly Avenue, Mamaroneck, New York	RUSH - Same Day ☐	Summary Report X
Address: One Deans Bridge Road	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary
Somers, New York 10589				RUSH - Two Day ☐	CT RCP Package
Phone No. (914) 276-2500	Phone No.	Phone No.		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
Contact Person:	Attention:	Attention:		RUSH - Four Day ☐	NY ASP A Package
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT__ NY X NJ__	Standard(5-7 Days) ☒	NY ASP B Package
					NJDEP Red. Deliv.

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs (please fill in):

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GB-7 TW	7/2/20	S	EPA 8260 w/ MTBE, 8270 STARS, TAL Mets + PCBs	(1) 8oz (3) VOAs
GB-7 TW	"	GW	EPA 8260 w/ MTBE + 8270 STARS	(1) Amber (3) VOAs
GB-8 TW	"	S	EPA 8260 w/ MTBE, 8270 STARS, TAL Mets + PCBs	(1) 8 oz (3) VOAs
GB-8 TW	"	GW	EPA 8260 w/ MTBE + 8270 STARS	(1) Amber, (3) VOAs

Comments

Preservation Check those Applicable: 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

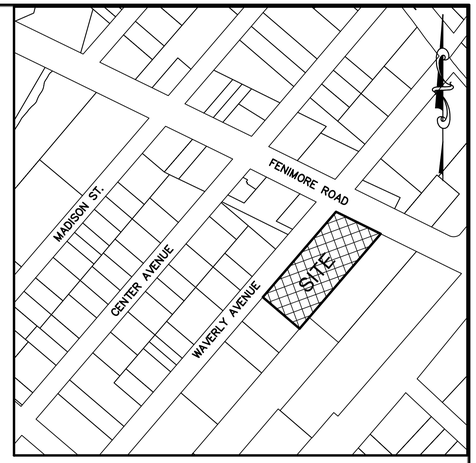
Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
DuBine	7-6-20 9:40	Clem C	7-6-20 9:40
Clem C	7-6-20 1453	K Blocker	7/6/20 1453
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

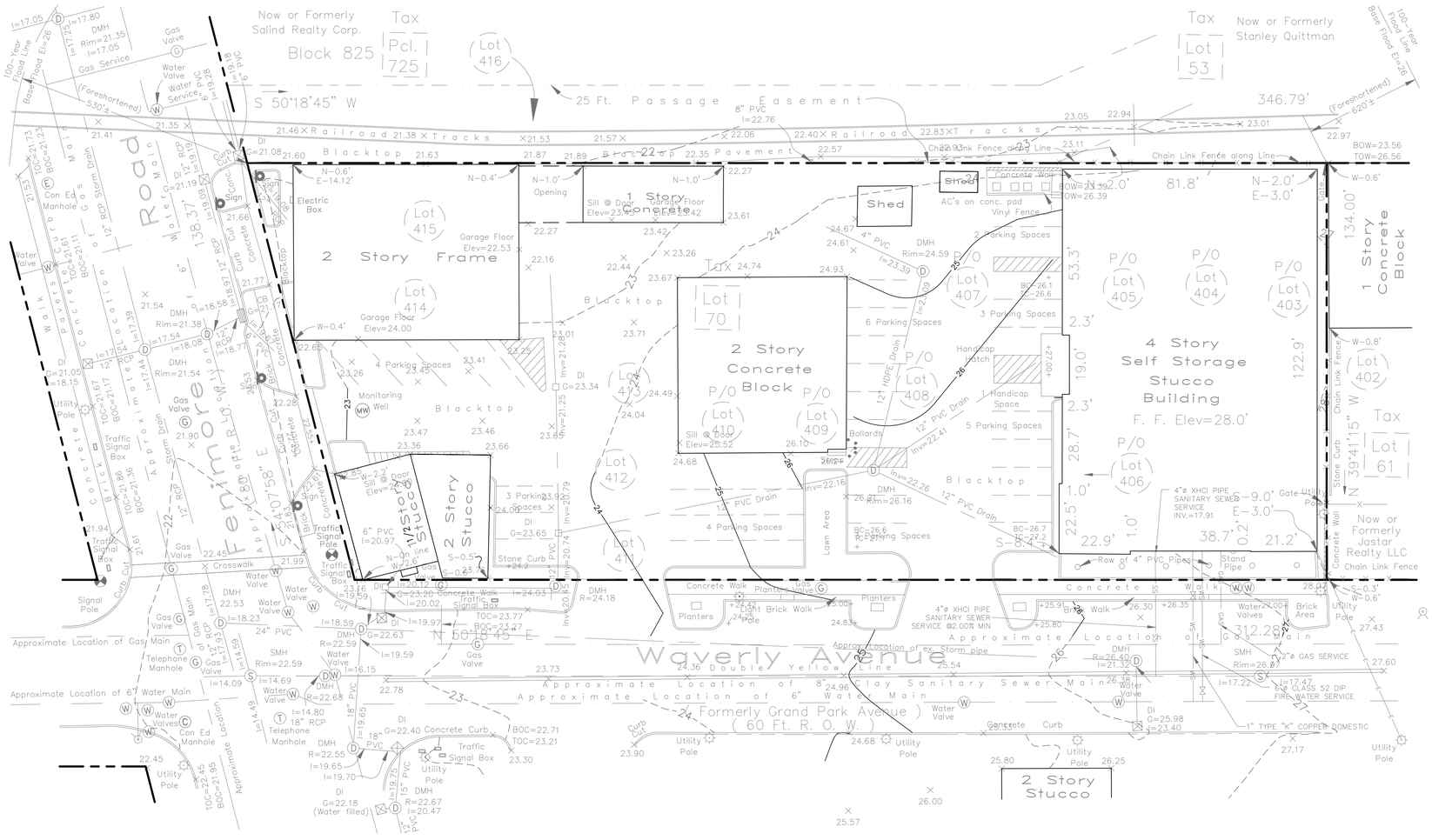
Temperature on Receipt ____°C

Appendix I

Site Plans



SITE LOCATION MAP
(SCALE: 1"=200')



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

No.	Revisions	Date
2.	REVISED PER MEETING WITH TOWN STAFF	1-14-19
1.	REVISED PER TOWN COMMENTS	9-27-18

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE

PROJECT:

SELF STORAGE BUILDING ADDITION
560 FENIMORE ROAD
VILLAGE OF MAMARONECK
WESTCHESTER COUNTY – NEW YORK

EXISTING CONDITIONS MAP

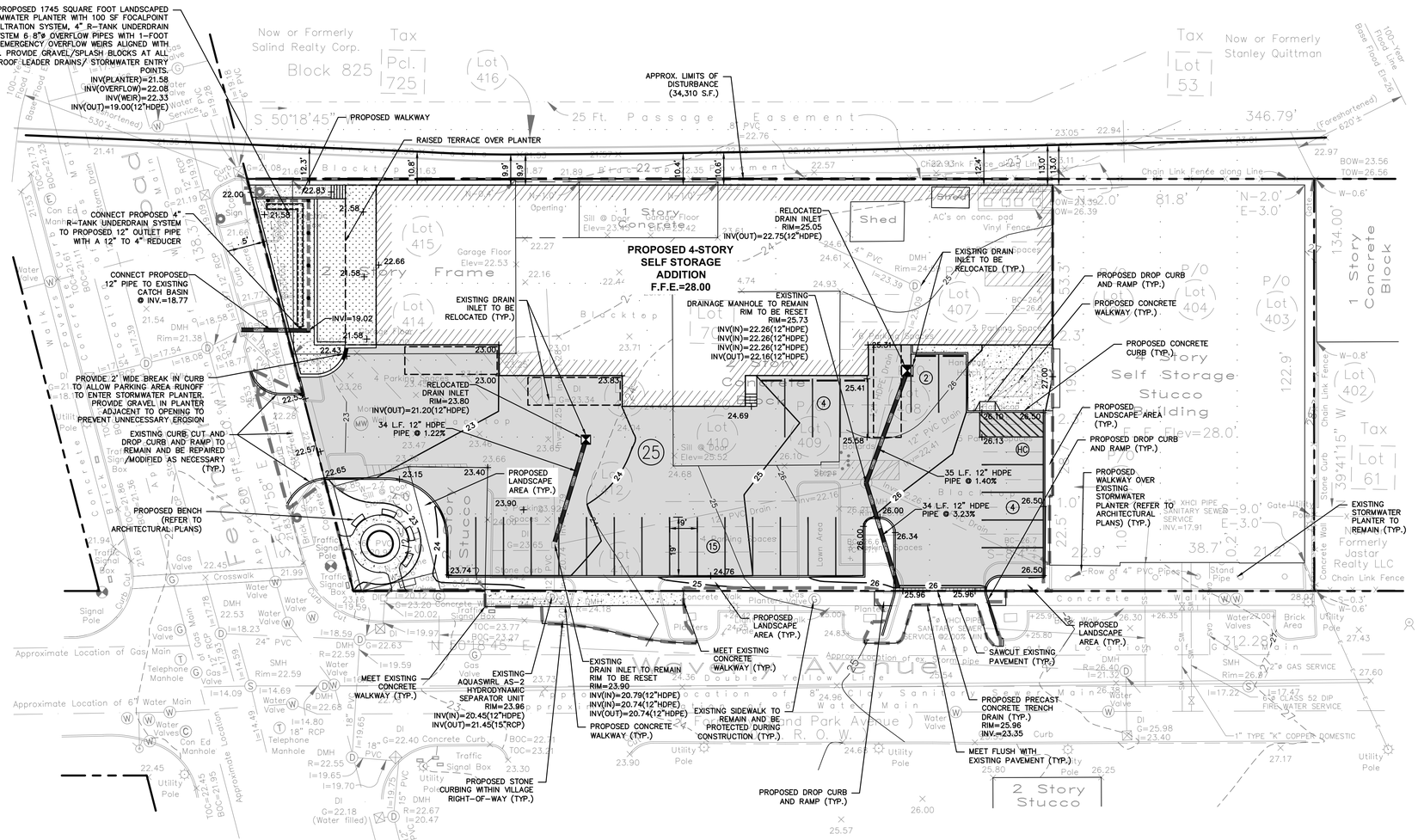
STATE OF NEW YORK
MICHAEL F. STEIN
No. 80837
LICENSED PROFESSIONAL ENGINEER

HEC

HUDSON ENGINEERING & CONSULTING, P.C.
45 Knollwood Road – Suite 201
Elmsford, New York 10523
T: 914-909-0420
F: 914-560-2086

© 2018

Date: 2/8/18 Sheet: 1
Scale: 1" = 20' of 7
Designed By: D.C.
Checked By: M.S.
Sheet No.
C-1



GENERAL NOTES:

1. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SUPERVISION OF THE CONSTRUCTION.
2. NO CHANGES SHALL BE MADE TO THESE PLANS EXCEPT AS PER NYS LAW CHAPTER 987.
3. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL APPLICABLE CODES, INCLUDING BUT NOT LIMITED TO ACI, AISC, ZONING, AND THE NEW YORK STATE BUILDING CODE.
4. ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
5. ALL CHANGES MADE TO THE PLANS SHALL BE APPROVED BY THE ENGINEER AND ANY SUCH CHANGES SHALL BE FILED AS AMENDMENTS TO THE ORIGINAL BUILDING PERMIT.
6. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEES, SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES, AND OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTACT WITH THE CONTRACTOR.
8. SAFETY DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL AGENCIES IN EFFECT DURING THE PERIOD OF CONSTRUCTION.
9. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL MAKE APPLICATION TO RECEIVE ALL NECESSARY PERMITS TO PERFORM THE WORK UNDER CONTRACT. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL BE LICENSED TO DO ALL WORK AS REQUIRED BY THE LOCAL, COUNTY, AND STATE AGENCIES WHICH MAY HAVE JURISDICTION OVER THOSE TRADES, AND SHALL PRESENT THE OWNER WITH COPIES OF ALL LICENSES AND INSURANCE CERTIFICATES.
10. FINAL GRADING AROUND THE BUILDING AREA SHALL SLOPE AWAY FROM THE STRUCTURE.
11. ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS.
12. ADJOINING PUBLIC AND PRIVATE PROPERTY SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION, REMODELING AND DEMOLITION WORK. PROTECTION MUST BE PROVIDED FOR FOOTINGS, FOUNDATIONS, PARTY WALLS, CHIMNEYS, SKYLIGHTS AND ROOFS. PROVISIONS SHALL BE MADE TO CONTROL WATER RUNOFF AND EROSION DURING CONSTRUCTION OR DEMOLITION ACTIVITIES. THE PERSON MAKING OR CAUSING AN EXCAVATION TO BE MADE SHALL PROVIDE WRITTEN NOTICE TO THE OWNERS OF ADJOINING BUILDINGS ADVISING THEM THAT THE EXCAVATION IS TO BE MADE AND THAT THE ADJOINING BUILDING SHOULD BE PROTECTED. SAID NOTIFICATION SHALL BE DELIVERED NOT LESS THAN 10 DAYS PRIOR TO THE SCHEDULED STARTING DATE OF THE EXCAVATION.
13. OWNER SHALL INSURE THAT THE INSURANCE PROVIDED BY THE CONTRACTOR HIRED TO PERFORM THE WORK SHALL BE ENDORSED TO NAME HUDSON ENGINEERING & CONSULTING, P.C., AND ANY DIRECTORS, OFFICERS, EMPLOYEES, SUBSIDIARIES, AND AFFILIATES, AS ADDITIONAL INSURED ON ALL POLICIES AND HOLD HARMLESS DOCUMENTS, AND SHALL STIPULATE THAT THIS INSURANCE IS PRIMARY, AND THAT ANY OTHER INSURANCE OR SELF-INSURANCE MAINTAINED BY HUDSON ENGINEERING & CONSULTING, P.C., SHALL BE EXCESS ONLY AND SHALL NOT BE CALLED UPON TO CONTRIBUTE WITH THIS INSURANCE. ISO ADDITIONAL INSURED ENDORSEMENT FORM NUMBER CG2010 1185 UNDER GL. COPIES OF THE INSURANCE POLICIES SHALL BE SUBMITTED TO AND HUDSON ENGINEERING & CONSULTING, P.C., FOR APPROVAL PRIOR TO THE SIGNING OF THE CONTRACT.
14. INDUSTRIAL CODE RULE 753: THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS PRIOR TO THE START OF HIS OPERATIONS AND SHALL COMPLY WITH ALL THE LATEST INDUSTRIAL CODE RULE 753 REGULATIONS.

LEGEND

- PROPERTY LINE
- PROPOSED CONCRETE CURB
- PROPOSED BITUMINOUS CONCRETE PAVEMENT
- PROPOSED WALKWAY
- PROPOSED CONTOUR — 26
- PROPOSED SPOT GRADE +26.25
- PROPOSED STORM PIPE
- PROPOSED DRAIN INLET
- PROPOSED TRENCH DRAIN
- PROPOSED LIMIT OF DISTURBANCE

NOTES:

1. ANY IMPORTED SOIL SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS FOR QUALITY AND USE.
2. OFF-SITE DISPOSAL OF EXCESS CUT SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.
3. THE APPLICANT SHALL PROVIDE AN AS-BUILT PLAN OF THE STORMWATER MANAGEMENT SYSTEM (FOR ALL STORM FEATURES INCLUDING, BUT NOT LIMITED TO, LOCATIONS OF STORMWATER INFRASTRUCTURE, INVERT/RIM ELEVATIONS, PIPE LOCATIONS AND SIZES, FINAL GRADING, ETC.) CERTIFIED BY THE ENGINEER ON RECORD, PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY. THE AS-BUILT PLAN SHALL ALSO INCLUDE THE FINAL MAINTENANCE SCHEDULE FOR THE STORMWATER MANAGEMENT FEATURES.

UTILITY REMOVAL NOTES:

1. EXISTING SANITARY SEWER SERVICES TO ALL BUILDINGS TO BE DEMOLISHED SHALL BE ABANDONED AND CAPPED AT THE MAIN. A WATERTIGHT JOINT SHALL BE USED TO CAP THE MAIN PER VILLAGE OF MAMARONECK STANDARDS.
2. EXISTING WATER SERVICES TO ALL BUILDINGS TO BE DEMOLISHED SHALL BE REMOVED, CUT AND CAPPED PER WESTCHESTER JOINT WATER WORKS REQUIREMENTS AND REGULATIONS.
3. THE VILLAGE ENGINEER SHALL BE CONTACTED PRIOR TO REMOVAL OF UTILITIES. NO TRENCHES SHALL BE BACKFILLED PRIOR TO RECEIVING THE VILLAGE ENGINEER'S APPROVAL.

Cut/Fill Summary

	Cut	Fill	Net
Totals	150.00 Cu. Yd.	69.90 Cu. Yd.	80.10 Cu. Yd.<CUT>

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No.	Revisions	Date
4.	REVISED PER DRS REVIEW COMMENTS	8-18-20
3.	REVISED PER MEETING WITH TOWN STAFF	1-14-19
2.	REVISED PER TOWN COMMENTS	5-27-18
1.		

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE

PROJECT:

SELF STORAGE BUILDING ADDITION
560 FENIMORE ROAD
VILLAGE OF MAMARONECK
WESTCHESTER COUNTY – NEW YORK

STORMWATER MANAGEMENT PLAN

STATE OF NEW YORK MICHAEL P. STEIN 080527 LICENSED PROFESSIONAL ENGINEER

HEC HUDSON ENGINEERING & CONSULTING, P.C.
45 Knollwood Road – Suite 201
Elmsford, New York 10523
T: 914-909-0420
F: 914-560-2086
© 2018

Date: 2/8/18 Sheet: 2 of 7
Scale: 1" = 20'
Designed By: D.C.
Checked By: M.S.
Sheet No. C-2

INSTALLATION & MAINTENANCE OF EROSION CONTROL:

CONSTRUCTION SCHEDULE
NOTIFY APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 5 DAYS PRIOR TO START.

EROSION CONTROL MEASURES
INSTALL ALL EROSION CONTROL MEASURES PRIOR TO START OF CONSTRUCTION. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO INSTALLATION.

INSPECTION BY MUNICIPALITY
MAINTENANCE (TO BE PERFORMED DURING ALL PHASES OF CONSTRUCTION)

AFTER ANY RAIN CAUSING RUNOFF, CONTRACTOR TO INSPECT HAYBALES, ETC. AND REMOVE ANY EXCESSIVE SEDIMENT AND INSPECT STOCKPILES AND CORRECT ANY PROBLEMS WITH SEED ESTABLISHMENT.
INSPECTIONS SHALL BE DOCUMENTED IN WRITING AND SUBMITTED TO THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION.

INSPECTION BY MUNICIPALITY – FINAL GRADING
REMOVE UNNEEDED SUBGRADE FROM SITE.
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY – LANDSCAPING

SPREAD TOPSOIL EVENLY OVER AREAS TO BE SEEDED. HAND RAKE LEVEL. BROADCAST 1.25 LB. BAG OF JONATHAN GREEN "FASTGROW" MIX OR EQUAL OVER AREA TO BE SEEDED. APPLY STRAW MULCH AND WATER WITHIN 2 DAYS OF COMPLETION OF TOPSOILING. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY – FINAL LANDSCAPING

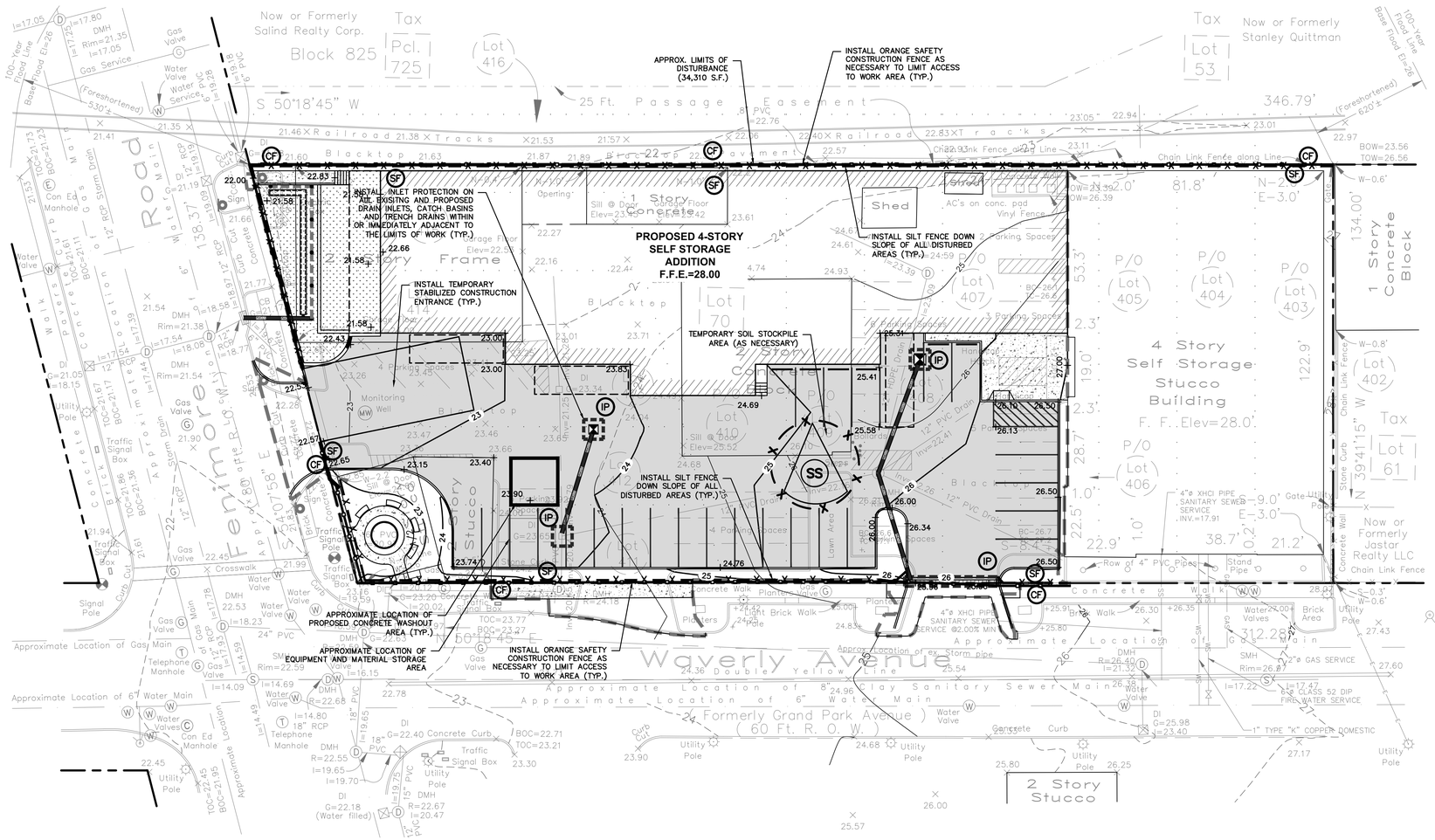
GRASS ESTABLISHED.
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY – FINAL INSPECTION

ALL EROSION CONTROL MEASURES REMOVED AND GRASS ESTABLISHED.
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

LEGEND

- TEMPORARY INLET PROTECTION — IP
- TEMPORARY SILT FENCE — SF
- TEMPORARY CONSTRUCTION FENCE — CF
- TEMPORARY SOIL STOCKPILE AREA — SS
- STABILIZED CONSTRUCTION ENTRANCE
- PROPOSED LIMIT OF DISTURBANCE


APPROX. LIMITS OF DISTURBANCE (34,310 S.F.)
INSTALL ORANGE SAFETY CONSTRUCTION FENCE AS NECESSARY TO LIMIT ACCESS TO WORK AREA (TYP.)
PROPOSED 4-STORY SELF STORAGE ADDITION F.F.E.=28.00
INSTALL INLET PROTECTION ON ALL EXISITNG AND PROPOSED DRAIN INLETS, CATCH BASINS AND TRENCH DRAINS WITHIN OR IMMEDIATELY ADJACENT TO THE LIMITS OF WORK (TYP.)
INSTALL SILT FENCE DOWN SLOPE OF ALL DISTURBED AREAS (TYP.)
INSTALL TEMPORARY STABILIZED CONSTRUCTION ENTRANCE (TYP.)
TEMPORARY SOIL STOCKPILE AREA (AS NECESSARY)
INSTALL SILT FENCE DOWN SLOPE OF ALL DISTURBED AREAS (TYP.)
APPROXIMATE LOCATION OF PROPOSED CONCRETE WASHOUT AREA (TYP.)
APPROXIMATE LOCATION OF EQUIPMENT AND MATERIAL STORAGE AREA
INSTALL ORANGE SAFETY CONSTRUCTION FENCE AS NECESSARY TO LIMIT ACCESS TO WORK AREA (TYP.)
Now or Formerly Salind Realty Corp.
Block 825 Pcl. 725
Lot 416
Now or Formerly Stanley Quittman
Lot 53
25 Ft. Passage Easement
S 50°18'45" W
346.79'
Waverly Avenue
(Formerly Grand Park Avenue)
(60 Ft. R. O. W.)
4 Story Self Storage Stucco Building F. F. Elev=28.0'
1 Story Concrete Block
2 Story Stucco
Shed
Lot 414
Lot 410
Lot 407
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100-Year Flood Line
Base Flood El=26
Gas Service
Water Service
Gas Valve
Water Valve
Con Ed Manhole
Telephone Manhole
Utility Pole
Traffic Signal Box
Traffic Signal Pole
Signal Pole
Monitoring Well
Sign
Curb Cut
Crosswalk
Stone Curb
Concrete Wall
Chain Link Fence
Stand Pipe
Brick Walk
Planters
Concrete Walk
Concrete Curb
Water Valves
Gas Main
Storm Drain
Sanitary Sewer Main
Approximate Location of Gas Main
Approximate Location of 6" Water Main
Approximate Location of 8" Clay Sanitary Sewer Main
Approximate Location of ex. Storm pipe
Approximate Location of 6" Water Main
4" ø XHCI PIPE SANITARY SEWER SERVICE @2.00% MIN.
4" ø XHCI PIPE SANITARY SEWER SERVICE INV=17.91
6" ø GAS SERVICE
6" CLASS 52 DIP FIRE WATER SERVICE
1" TYPE "K" COPPER DOMESTIC
Row of 4" PVC Pipes
Water Valves
Gate Valves
Parking Spaces
4 Parking Spaces
2 Parking Spaces
Vinyl Fence
AC's on conc. pad
Chain Link Fence along Line
Concrete Walk
Light Brick Walk
Brick Area
Lawn Area
Concrete
Blacktop
Railroad Tracks
Overhead Door
Sill @ Door Elev=23.42
Sill @ Door Elev=25.52
Storage Floor Elev=22.92
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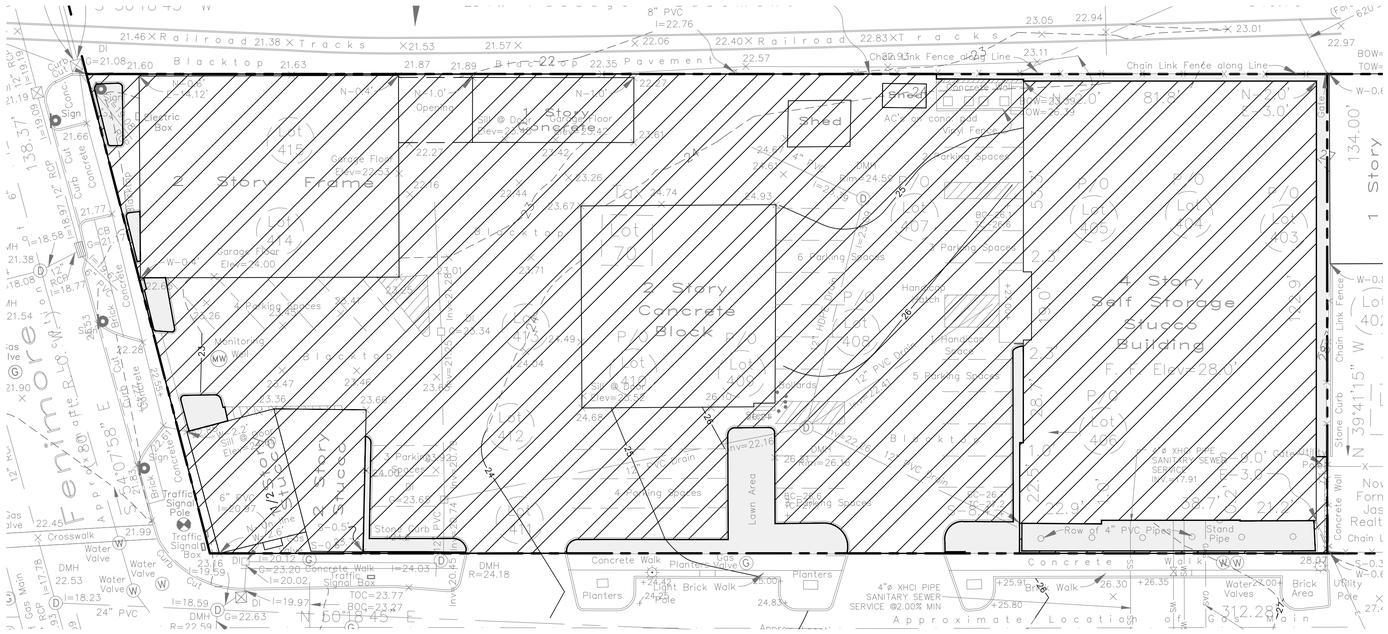
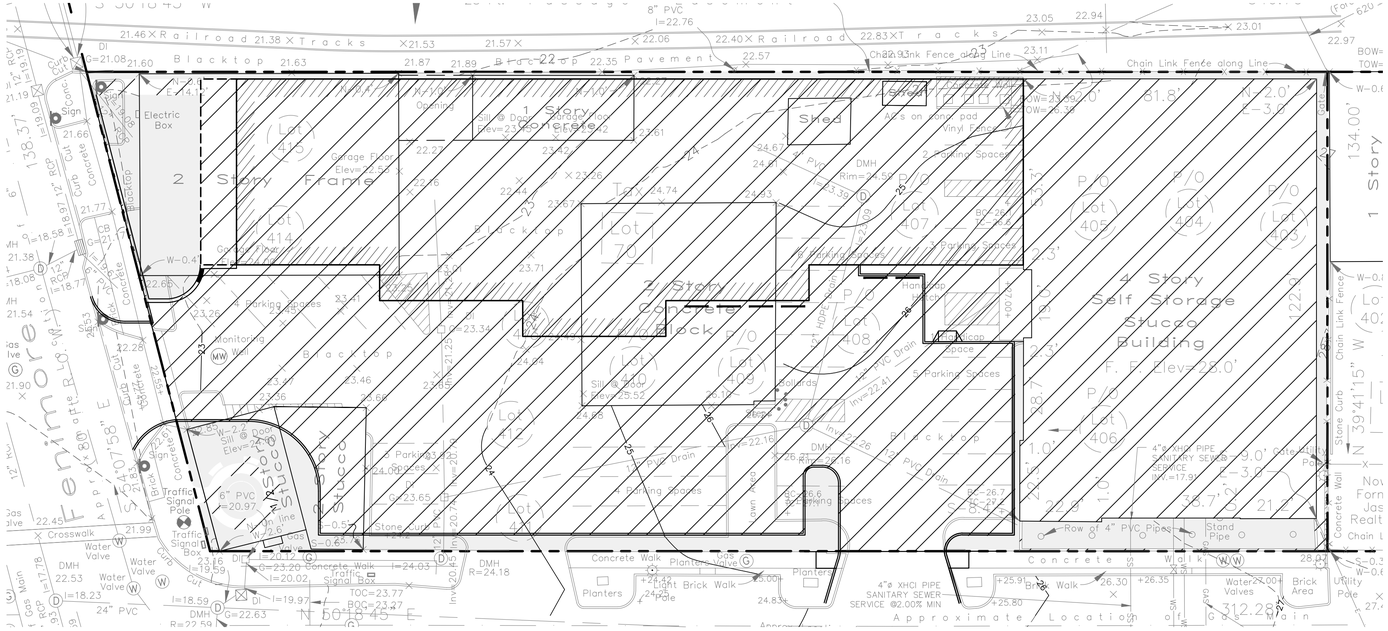
Storage Floor



EXISTING SITE COVERAGE
SCALE: 1"=20'

Existing Site Coverage

Impervious:	41,390 SF
Pervious:	2,766 SF



PROPOSED SITE COVERAGE
SCALE: 1"=20'

Proposed Site Coverage

Impervious:	39,235 SF
Pervious:	4,921 SF

LEGEND

IMPERVIOUS COVER

PERVIOUS COVER

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

No.	Revisions	Date
4.	REVISED PER DES REVIEW COMMENTS	9-18-20
3.	REVISED PER MEETING WITH TOWN STAFF	1-14-19
2.	REVISED PER TOWN COMMENTS	5-27-18
1.		

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE

PROJECT:
SELF STORAGE BUILDING ADDITION
560 FENIMORE ROAD
VILLAGE OF MAMARONECK
WESTCHESTER COUNTY – NEW YORK

SITE COVERAGE PLAN

STATE OF NEW YORK · MICHAEL J. STEIN · LICENSED PROFESSIONAL ENGINEER · No. 80837

HEC
HUDSON ENGINEERING & CONSULTING, P.C.
45 Knollwood Road – Suite 201
Elmsford, New York 10523
T: 914-909-0420
F: 914-560-2086
© 2018

Date: 2/8/18 Sheet: 4 / 7
Scale: 1" = 20'
Designed By: D.C.
Checked By: M.S.
Sheet No.
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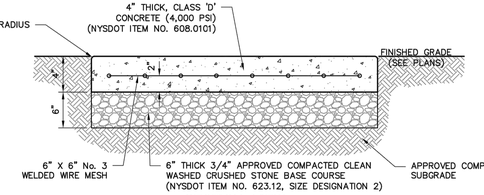
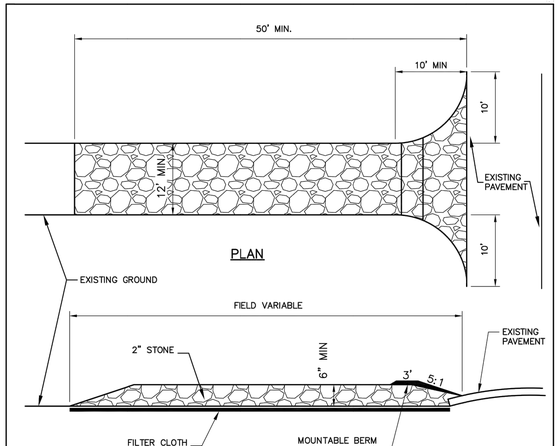


SECTION VIEW

NOTES:

1. WHEN SIDEWALK ABUTS A ROADWAY, CURB AND SIDEWALK SHALL BE MONOLITHICALLY CONSTRUCTED. REFER TO VILLAGE STANDARD MONOLITHIC CURB AND SIDEWALK CONSTRUCTION DETAIL.
2. UNLESS OTHERWISE NOTED, PORTLAND CEMENT CONCRETE SIDEWALKS SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 608 AND SUBSECTION 700 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED JANUARY 9, 2014 WITH LATEST REVISIONS.
3. THE GENERAL CONSTRUCTION DETAILS FOR MANUFACTURING AND TRANSPORTING CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 501, PORTLAND CEMENT CONCRETE– GENERAL.
4. WELDED WIRE FABRIC REINFORCEMENT SHALL BE MADE OF W2.9 OR W3 WIRE AT 6 INCH CENTERS TRANSVERSELY CONVENTIONALLY FORMED CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS D IN ACCORDANCE WITH SECTION 501 "PORTLAND CEMENT CONCRETE--GENERAL." ALL CONCRETE SHALL CONTAIN A WATER-REDUCING ADMIXTURE MEETING THE REQUIREMENTS OF §711-08 IN SUCH A QUANTITY AS TO PROVIDE A MINIMUM 10% REDUCTION OF THE DESIGN WATER CONTENT BY USING A NORMAL RANGEWATER-REDUCER. WWF SHALL BE MANUFACTURED IN SHEETS AND PLACED WITH IN CONCRETE BY CHAIRING.
5. REINFORCING SHALL NOT EXTEND THROUGH EXPANSION JOINTS.
6. INSTALL A PREMOULDED RESILIENT JOINT FILLER, §705-07, AT ALL JOINTS BETWEEN SIDEWALK AND CURB, PAVEMENT, BUILDING, ETC. THE PREMOULDED RESILIENT JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF ASTM D1751.
7. THE EXPANSION JOINTS SHALL BE LOCATED AT ALL IMMOVABLE OBJECTS (BRIDGE SUBSTRUCTURES, ETC.), WHERE SHOWN ON THE PLANS, AND/OR AS DIRECTED BY THE ENGINEER. EXPANSION JOINTS SHALL NOT BE REQUIRED AT 20 FOOT INTERVALS.
8. PREMOULDED RESILIENT JOINT FILLER (§705-07). USE 3/8 – 5/8 INCH THICK FILLER IN TRANSVERSE EXPANSION JOINT ASSEMBLIES ONLY. INCLUDE A ONE-PIECEPREMOULDED RESILIENT JOINT FILLER IN THE ASSEMBLY THAT EXTENDS COMPLETELY ACROSS THE SLAB WIDTH. THE JOINT FILLER MUST EITHER EQUAL THE FULL DEPTH OF THE SLAB, OR EXTEND FROM THE BOTTOM OF THE SLAB TO WITHIN 1 1/2 – 2 INCHES OF THE TOP OF THE SLAB WITH A FINISHING CAP THAT EXTENDS TO THE TOP OF THE SLAB.
9. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, THE CONCRETE SURFACE SHALL BE SCORED AND TOOLED AT INTERVALS OF 5 FEET. SCORE THE CONCRETE A MINIMUM 1/8 INCH TO A MAXIMUM 1/4 INCH IN WIDTH AND TO A MINIMUM DEPTH OF ONE-THIRD THE TOTAL THICKNESS.
10. 3 FOOT WIDE SIDEWALKS SHALL RECEIVE CONTRACTION JOINTS EVERY 4 FEET. 4 AND 5 FOOT WIDE SIDEWALKS SHALL RECEIVE CONTRACTION JOINTS EQUAL TO THE WIDTH OF THE SIDEWALK. SIDEWALKS MAY BE CONVENTIONALLY FORMED OR MACHINE FORMED.
11. ONLY MAGNESIUM FLOATS AND TROWELS ARE ALLOWED. THE USE OF ALUMINUM OR STEEL FINISHING TROWELS AND TOOLS IS PROHIBITED. THE CONCRETE SHALL BE FINISHED TO PRODUCE A SMOOTH SURFACE AND THEN LIGHTLY BROOMED TO A UNIFORM TEXTURE. THE EDGES AND SCORED JOINTS OF ALL SIDEWALK SLABS SHALL BE TOOLED WITH AN EDGING TOOL HAVING A 1/4 INCH RADIUS.
12. ALL WORK SHALL BE IN ACCORDANCE WITH NYSDOT SPECIFICATIONS AND IN REASONABLY CLOSE CONFORMITY WITH THE LINES AND GRADES SHOWN ON THE PLANS OR ESTABLISHED BY THE ENGINEER.
13. SIDEWALK SHALL BE PAID UNDER NYSDOT ITEM NO. 608.0101. CRUSHED STONE SHALL BE PAID UNDER NYSDOT ITEM NO. 623.12.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	CAST-IN-PLACE CONCRETE SIDEWALK	VILLAGE OF MAMARONECK, VILLAGE MUNICIPAL BUILDING, 169 MT. PLEASANT AVENUE (3RD FLOOR), WESTCHESTER COUNTY, VILLAGE OF MAMARONECK, NY 10543, PHONE: (914) 777-7731, FAX: (914) 777-7792	PROJECT: DETAILS, SCALE/NOT TO SCALE, DATE: 03/13/2014	SD-5D
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VGM PCC Sidewalk.dwg			



PROFILE

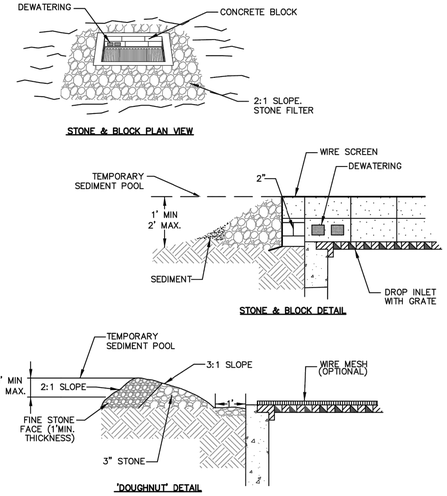
CONSTRUCTION SPECIFICATIONS:

1. USE 2" DIAMETER STONE OR RECLAIMED/RECYCLED CONCRETE EQUIVALENT.
2. RECOMMENDED LENGTH GREATER THAN 50 FEET WHERE PRACTICAL.
3. THICKNESS NOT LESS THAN 6 INCHES.
4. 10 FOOT MINIMUM WIDTH, BUT NOT LESS THAN FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCUR.
5. FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

CONSTRUCTION SPECIFICATIONS:

6. ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WILL BE PERMITTED.
7. ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED BY THE CONTRACTOR.
9. REMOVE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO PLACEMENT OF BITUMINOUS CONCRETE PAVEMENT.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	STABILIZED CONSTRUCTION ENTRANCE	VILLAGE OF MAMARONECK, VILLAGE MUNICIPAL BUILDING, 169 MT. PLEASANT AVENUE (3RD FLOOR), WESTCHESTER COUNTY, VILLAGE OF MAMARONECK, NY 10543, PHONE: (914) 777-7731, FAX: (914) 777-7792	PROJECT: DETAILS, SCALE/NOT TO SCALE, DATE: 03/13/2014	SD-1C
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VGM Stabilized Construction Entra			



STONE & BLOCK PLAN VIEW

STONE & BLOCK DETAIL

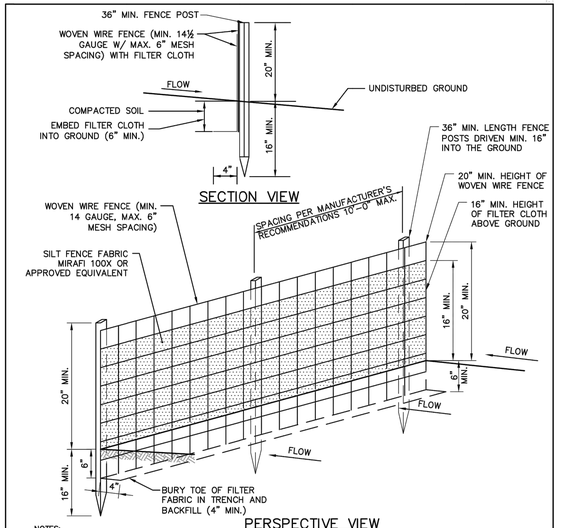
'DOUGHNUT' DETAIL

NOTES:

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
2. HARDWARE CLOTH OR ½" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. USE CLEAN STONE OR GRAVEL ½ TO ¾ INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
4. FOR STONE STRUCTURES ONLY. A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS.

MAXIMUM DRAINAGE AREA 1 ACRE

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	STONE AND BLOCK DRAIN INLET PROTECTION	VILLAGE OF MAMARONECK, VILLAGE MUNICIPAL BUILDING, 169 MT. PLEASANT AVENUE (3RD FLOOR), WESTCHESTER COUNTY, VILLAGE OF MAMARONECK, NY 10543, PHONE: (914) 777-7731, FAX: (914) 777-7792	PROJECT: DETAILS, SCALE/NOT TO SCALE, DATE: 03/13/2014	SD-1G
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VGM Stone & Block Inlet Protecti			



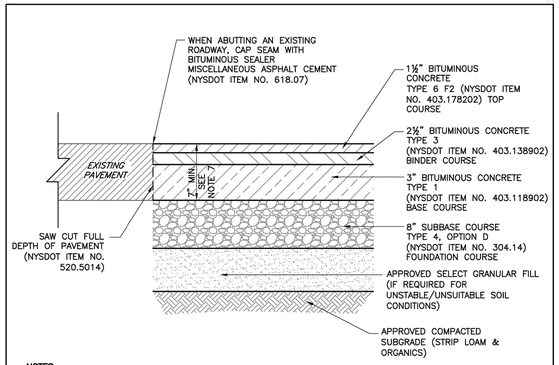
SECTION VIEW

PERSPECTIVE VIEW

NOTES:

1. WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL, EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABLINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
6. INSTALL FABRIC ON UPHILL SIDE OF SUPPORT POSTS.
7. SILT FENCE SHALL NOT BE USED IN DRAINAGE WAYS.

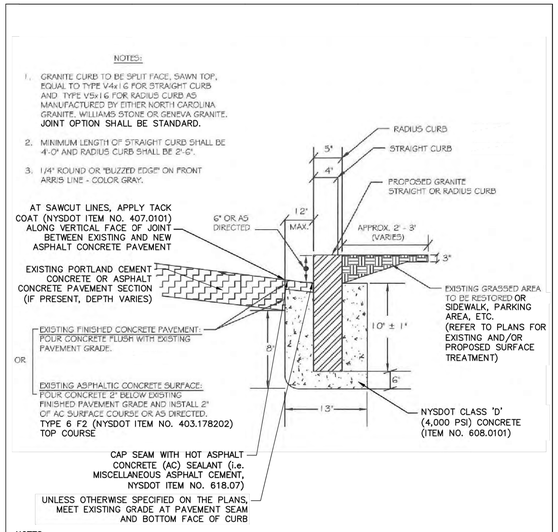
VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	SILT FENCE	VILLAGE OF MAMARONECK, VILLAGE MUNICIPAL BUILDING, 169 MT. PLEASANT AVENUE (3RD FLOOR), WESTCHESTER COUNTY, VILLAGE OF MAMARONECK, NY 10543, PHONE: (914) 777-7731, FAX: (914) 777-7792	PROJECT: DETAILS, SCALE/NOT TO SCALE, DATE: 03/13/2014	SD-1A
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VGM Silt Fence.dwg			



NOTES:

1. UNLESS OTHERWISE NOTED, BITUMINOUS CONCRETE SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 403 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED MAY 1, 2008 WITH LATEST REVISIONS. NOTE, THIS SECTION IS NO LONGER INCLUDED IN THE NYSDOT STANDARD SPECIFICATIONS.
2. UNLESS OTHERWISE NOTED, SUBBASE COURSE SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 300 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED MAY 1, 2008 WITH LATEST REVISIONS.
3. DETAIL DEPICTS COMPACTED PAVEMENT THICKNESS.
4. THIS DETAIL SHALL BE COORDINATED WITH THE VILLAGE STANDARD PIPE TRENCH AND ASPHALT PAVEMENT REPLACEMENT CONSTRUCTION DETAIL AND ALL OTHER PERTINENT VILLAGE STANDARD CONSTRUCTION DETAILS.
5. THIS ASPHALT CONCRETE PAVEMENT SECTION APPLIES ONLY TO LOCAL (i.e. VILLAGE) ROADS. PAVEMENT REPLACEMENT, REHABILITATION, CONSTRUCTION, ETC. FOR COUNTY AND STATE ROADWAYS SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE AGENCY HAVING JURISDICTION.
6. IF 403 HOT MIX ASPHALT (HMA) ITEM NUMBERS ARE UNAVAILABLE FROM THE ASPHALT PLANT, NYSDOT SUPERPAVE HMA 70 OR 80 SERIES COMPACTION SHALL BE SUBSTITUTED UPON REVIEW AND APPROVAL BY THE VILLAGE ENGINEER.
7. HOT MIX ASPHALT (HMA) PAVEMENT SHALL BE 7" MIN. THICK, OR MATCH EXISTING HMA PAVEMENT THICKNESS, WHICHEVER IS GREATER. IF EXISTING HMA PAVEMENT IS GREATER THAN 7", THE HMA DIFFERENCE SHALL CONSIST OF HMA BASE COURSE (OR BINDER COURSE FOR SMALL QUANTITIES)
8. THE VILLAGE ENGINEER RESERVES THE RIGHT TO MODIFY (e.g. INCREASE THICKNESS) THE PAVEMENT SECTION DUE TO SITE CONDITIONS (e.g. UNSUITABLE/UNSTABLE SUBGRADE, HIGH GROUNDWATER, ETC.).

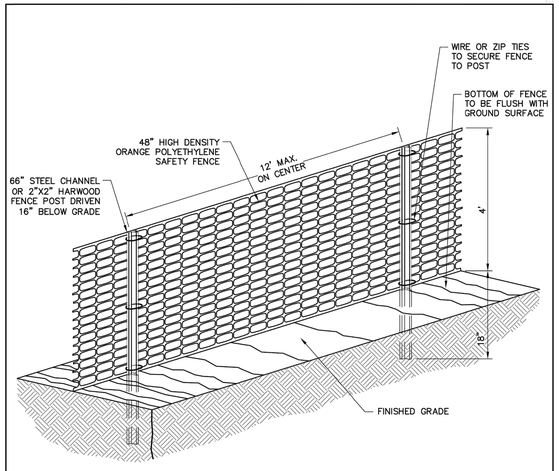
VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	ASPHALT CONCRETE PAVEMENT (WITHIN RIGHT-OF-WAY)	VILLAGE OF MAMARONECK, VILLAGE MUNICIPAL BUILDING, 169 MT. PLEASANT AVENUE (3RD FLOOR), WESTCHESTER COUNTY, VILLAGE OF MAMARONECK, NY 10543, PHONE: (914) 777-7731, FAX: (914) 777-7792	PROJECT: DETAILS, SCALE/NOT TO SCALE, DATE: 03/13/2014, REV: 09/23/2014	SD-6A
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VGM Roadway Pavement Section			



NOTES:

1. UNLESS OTHERWISE NOTED, GRANITE CURB AND PORTLAND CEMENT CONCRETE CRADLE SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 501, 609 AND SUBSECTION 700 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED JANUARY 9, 2014 WITH LATEST REVISIONS.
2. CURB SHALL CONFORM TO NYSDOT ITEM NO. 609.0201.
3. THE GENERAL CONSTRUCTION DETAILS FOR MANUFACTURING AND TRANSPORTING CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 501, PORTLAND CEMENT CONCRETE– GENERAL.
4. THE VERTICAL FACE OF THE COLD BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT SHALL BE SEALED WITH TACK COAT AND THE SEAM SHALL BE SEALED WITH HOT AC SEALANT AS SHOWN ABOVE.

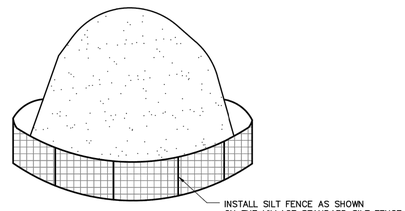
VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	GRANITE CURB	VILLAGE OF MAMARONECK, VILLAGE MUNICIPAL BUILDING, 169 MT. PLEASANT AVENUE (3RD FLOOR), WESTCHESTER COUNTY, VILLAGE OF MAMARONECK, NY 10543, PHONE: (914) 777-7731, FAX: (914) 777-7792	PROJECT: DETAILS, SCALE/NOT TO SCALE, DATE: 03/13/2014	SD-5B
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VGM Granite Curb.dwg			



NOTES:

1. MAINTAIN TENSION ACROSS FULL HEIGHT AND LENGTH OF FENCE.
2. PROVIDE PERIODIC INSPECTION AND MAINTENANCE OF FENCE.
3. FENCE SHALL BE HIGH DENSITY ORANGE POLYETHYLENE SAFETY FENCE AS MANUFACTURED BY EROSION RUNNER® OR APPROVED EQUAL.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	CONSTRUCTION FENCE	VILLAGE OF MAMARONECK, VILLAGE MUNICIPAL BUILDING, 169 MT. PLEASANT AVENUE (3RD FLOOR), WESTCHESTER COUNTY, VILLAGE OF MAMARONECK, NY 10543, PHONE: (914) 777-7731, FAX: (914) 777-7792	PROJECT: DETAILS, SCALE/NOT TO SCALE, DATE: 03/13/2014	SD-1B
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VGM Construction Fence.dwg			



NOTES:

1. ALL STOCKPILES SHALL BE SURROUNDED BY SILT FENCING.
2. STOCKPILES SHALL HAVE A MAXIMUM 2:1 (H:V) SIDE SLOPE.
3. REPAIR/OR REPLACE ANY SILT FENCING DAMAGED DUE TO CONSTRUCTION ACTIVITIES OR STOCKPILE MITIGATION.
4. STOCKPILE SHALL BE LOCATED IN AREAS AS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	TEMPORARY SOIL/MATERIAL STOCKPILE AREA	VILLAGE OF MAMARONECK, VILLAGE MUNICIPAL BUILDING, 169 MT. PLEASANT AVENUE (3RD FLOOR), WESTCHESTER COUNTY, VILLAGE OF MAMARONECK, NY 10543, PHONE: (914) 777-7731, FAX: (914) 777-7792	PROJECT: DETAILS, SCALE/NOT TO SCALE, DATE: 03/13/2014	SD-1H
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE; CHECKED BY: ARC, PE; DRAWN BY: ARC, PE; VGM Temporary Stockpile Area.dw			

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

No.	Description	Date
1.	REVISED PER TOWN COMMENTS	9-27-18

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE

PROJECT:

SELF STORAGE BUILDING ADDITION
560 FENIMORE ROAD
VILLAGE OF MAMARONECK
WESTCHESTER COUNTY – NEW YORK

SITE DETAILS

STATE OF NEW YORK · MICHAEL F. STEIN · No. 80657 · LICENSED PROFESSIONAL ENGINEER

HUDSON ENGINEERING & CONSULTING, P.C.
45 Knollwood Road - Suite 201
Elmsford, New York 10523
T: 914-909-0420
F: 914-560-2086
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Date:	2/8/18	Sheet: 5 / 7
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Designed By:	D.C.	
Checked By:	M.S.	

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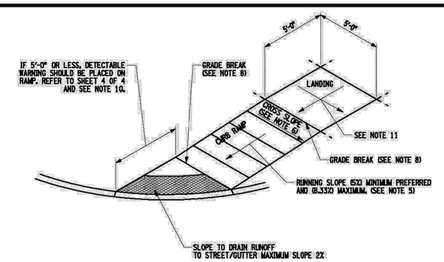
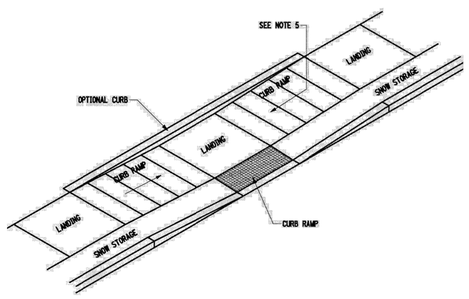


CURB RAMP WITHOUT SIDE FLARES
TYPICAL DIMENSIONING



MID-BLOCK CROSSING CURB RAMP
TYPICAL DIMENSIONING

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	SIDEWALK CURB RAMPS (SHEET 1 OF 8)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE:NOT TO SCALE DATE: 03/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM NYSDOT Sidewalk Curb Ramp		SD-5H

NOTE: THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF A CURB RAMP, LANDING, OR BLENDED TRANSITION SHALL BE 5% MAXIMUM

COUNTER SLOPE CONDITIONS

GENERAL NOTES:

1. THE DIMENSIONS AND SLOPES PRESENTED IN THE DETAILS ARE THE MINIMUM NECESSARY TO COMPLY WITH THE ADA AND IDOT STANDARDS. ANY DEVIATION LESS THAN THE MINIMUM WIDTH OR GREATER THAN THE MAXIMUM SLOPE FROM THESE STANDARDS MUST BE DOCUMENTED WITH THE STANDARDS BEING MET TO THE GREATEST EXTENT PRACTICABLE AND CONSISTENT WITH THE MOST CURRENT ADAAG.
2. CURB RAMPS, LANDINGS AND BLENDED TRANSITIONS MAY REQUIRE THE USE OF DETECTABLE WARNINGS. DETECTABLE WARNINGS ON THIS SHEET ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO THE DETECTABLE WARNING DETAILS ON SHEET 4 OF 4 FOR DETAILS ON PLACEMENT, ORIENTATION & DIMENSIONS. REFER TO CHAPTER 18 OF THE HIGHWAY DESIGN MANUAL FOR MORE INFORMATION.

CURB RAMP NOTES:

3. THE MINIMUM WIDTH FOR SIDEWALK CURB RAMPS IS 5'-0".
4. THE RUNNING SLOPE OF A CURB RAMP SHALL BE 1:20 (5% MINIMUM (PREFERRED) AND 1:12 (8.33% MAXIMUM.
5. WHERE THE SLOPE OF THE ROADWAY EXCEEDS 8.33% THE CURB RAMP LENGTH IS THE LENGTH NECESSARY TO MEET THE EXISTING SIDEWALK. IT IS NOT NECESSARY THAT THE RAMP LENGTH EXCEED 15'-0".
6. THE CROSS SLOPE OF CURB RAMPS SHOULD BE AS FLAT AS POSSIBLE, NOT TO EXCEED 1:50 (2%. THE CROSS SLOPE AT MIDBLOCK CROSSINGS MAY BE WARPED TO MEET STREET OR HIGHWAY GRADE.
7. THE VERTICAL ALIGNMENT OF A CURB RAMP, EXCLUDING THE FLARES, SHALL BE PLANAR. GRADE BREAKS SHALL BE FLUSH AND PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN.
8. RAMP TRANSITIONS BETWEEN WALKS, LANDINGS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (1/4" MAX.
9. WHERE A PEDESTRIAN CIRCULATION PATH CROSSES THE CURB RAMP, FLARED SIDES WITH A SLOPE OF 10% MAXIMUM, MEASURED PARALLEL TO THE CURB LINE, SHALL BE PROVIDED.

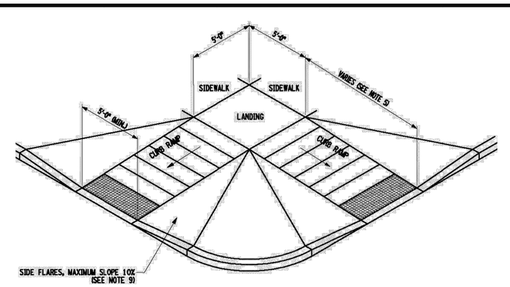
LANDING NOTES:

10. LANDINGS SHALL HAVE A MINIMUM CLEAR DIMENSION OF A 5'-0" BY 5'-0" EXCEPT AT THE BOTTOM OF RAMPS TYPE 1 & 2 ON SHEET 2 OF 4.
11. THE RUNNING AND CROSS SLOPES ON LANDINGS AT INTERSECTIONS IS 1:50 (2% MAXIMUM. THE RUNNING AND CROSS SLOPES AT MIDBLOCK CROSSINGS MAY BE WARPED TO MEET STREET OR HIGHWAY GRADE.

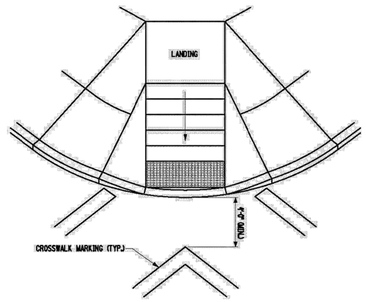
NOTES:

1. FOR DIMENSIONS & GEOMETRIC VALUES REFER TO SHEET 1 OF 4.
2. THE CONFIGURATIONS SHOWN GENERICALLY REPRESENT THE MOST COMMON SITUATIONS ENCOUNTERED ON NYSDOT PROJECTS. THEY ARE INTENDED TO PRESENT CURB RAMP DESIGN CONCEPTS. SITE CONDITIONS AT INDIVIDUAL LOCATIONS REQUIRE SPECIFIC DESIGNS. CURB RAMP DESIGNS MUST BE CONSISTENT WITH THE PROVISIONS OF SHEETS 1, 2, AND 3 OF 4. REFER TO REGIONAL LANDSCAPE ARCHITECT FOR ADDITIONAL DESIGN GUIDANCE.
3. COORDINATE TRAFFIC CONTROL DEVICES, UTILITY LOCATIONS, SIGNS, STREET FURNITURE AND DRAINAGE TO ENSURE A CONTINUOUS PEDESTRIAN ACCESS ROUTE AT ALL CURB RAMP LOCATIONS. GUIDANCE FOR CROSSWALK MARKINGS AND TRAFFIC CONTROL DEVICES IS PROVIDED IN THE MUTCD.
4. DETECTABLE WARNINGS SHOWN ON THIS SHEET ARE FOR ILLUSTRATION ONLY. FOR SPECIFIC PLACEMENT ORIENTATIONS AND DIMENSIONS REFER TO SHEET 4 OF 4. SEE NOTE 10.
5. THE CROSS SLOPE OF RAMPS AND/OR LANDINGS AT MID BLOCK CROSSINGS MAY BE WARPED TO MEET STREET OR HIGHWAY GRADE.
6. USE TYPE 8 ONLY WHERE OTHER RAMPS ARE UNUSABLE. SINGLE DIAGONAL OR DEPRESSED CORNER CURB RAMPS SERVING TWO STREET CROSSING DIRECTIONS SHOULD BE AVOIDED IN NEW CONSTRUCTION AND SHOULD ONLY BE CONSIDERED WHERE CONDITIONS REQUIRE THEIR USE.
7. GRATES SHALL NOT BE LOCATED ON CURB RAMPS, BLENDED TRANSITIONS OR LANDINGS. ACCESS COVERS OF SIMILAR SURFACES SHALL COMPLY WITH APPLICABLE SURFACE REQUIREMENTS.
8. UTILITIES, SIGNS, AND OTHER FIXED OBJECTS MAY NOT BE PLACED ON A CURB, OR IN A MANNER THAT INTERFERES WITH THE USE OF THE CURB RAMP.
9. THE SURFACE OF ALL CURB RAMPS SHALL BE STABLE, FIRM AND SLIP RESISTANT. A COARSE BROOM FINISH RUNNING PERPENDICULAR TO THE SLOPE IS RECOMMENDED ON CONCRETE RAMP SURFACES, EXCLUSIVE OF THE DETECTABLE WARNING FIELDS.
10. THERE SHALL BE A LANDING AT THE TOP OF EACH PERPENDICULAR CURB RAMP AND A LANDING AT THE BOTTOM OF RAMPS TYPE 1 & 2 ON SHEET 2 OF 4.
11. LANDINGS MAY OVERLAP WITH ADJACENT LANDINGS OR A SINGLE LANDING MAY SERVE MULTIPLE CURB RAMPS.
12. LANDINGS MAY OVERLAP WITH THE CLEAR GROUND SPACE REQUIRED AT PEDESTRIAN SIGNAL PUSH BUTTONS.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	SIDEWALK CURB RAMPS (SHEET 2 OF 8)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE:NOT TO SCALE DATE: 03/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM NYSDOT Sidewalk Curb Ramp		SD-5H

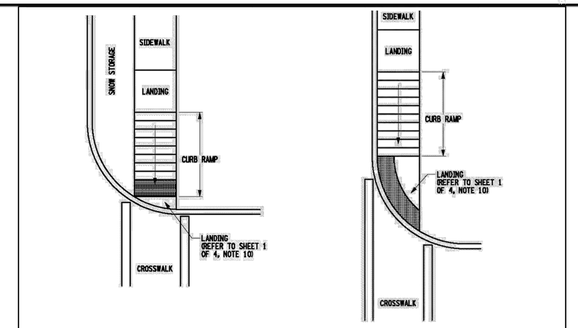


CURB RAMP WITH SIDE FLARES
TYPICAL DIMENSIONING



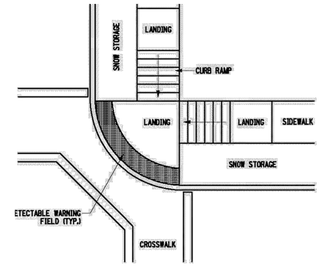
DIAGONAL SIDEWALK CURB RAMP

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	SIDEWALK CURB RAMPS (SHEET 3 OF 8)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE:NOT TO SCALE DATE: 03/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM NYSDOT Sidewalk Curb Ramp		SD-5H



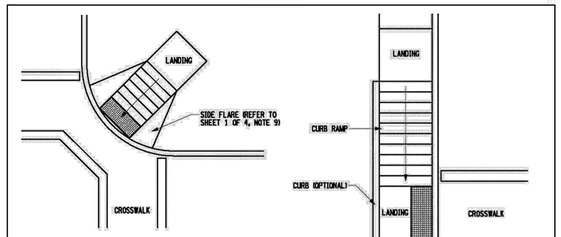
CURB RAMP CONFIGURATION: TYPE 1

CURB RAMP CONFIGURATION: TYPE 2



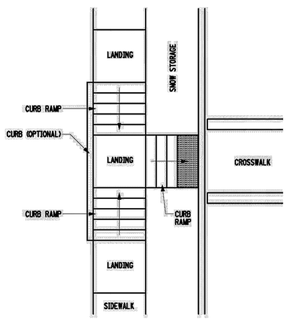
CURB RAMP CONFIGURATION: TYPE 3

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	SIDEWALK CURB RAMPS (SHEET 4 OF 8)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE:NOT TO SCALE DATE: 03/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM NYSDOT Sidewalk Curb Ramp		SD-5H



CURB RAMP CONFIGURATION: TYPE 8
REFER TO SHEET 3 OF 4 NOTE 6)
NOT RECOMMENDED

CURB RAMP CONFIGURATION: TYPE 9
MID BLOCK CROSSING



CURB RAMP CONFIGURATION: TYPE 10
MID BLOCK CROSSING

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	SIDEWALK CURB RAMPS (SHEET 7 OF 8)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE:NOT TO SCALE DATE: 03/13/2014
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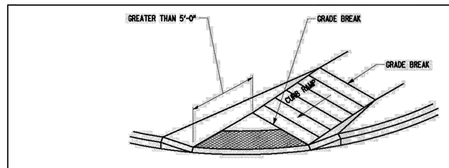
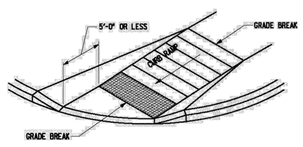


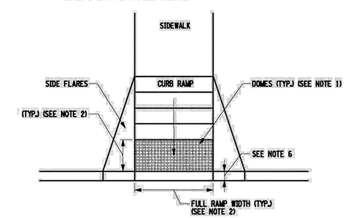
DETECTABLE WARNING PLACEMENT DETAIL 1

NOTE: IF THE DISTANCE FROM THE GRADE BREAK IS GREATER THAN OR EQUAL TO 5'-0", DETECTABLE WARNINGS SHOULD BE PLACED ALONG THE RADIUS OF THE CURVE AS SHOWN IN THE ABOVE DETAIL.



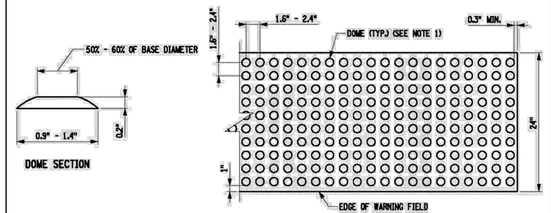
DETECTABLE WARNING PLACEMENT DETAIL 2

NOTE: IF THE DISTANCE FROM THE GRADE BREAK IS LESS THAN OR EQUAL TO 5'-0", DETECTABLE WARNINGS SHOULD BE PLACED ON THE CURB RAMP ALONG THE BOTTOM GRADE BREAK WITH ONE CORNER 5" TO 9" FROM THE FRONT OF THE CURB OR EDGE OF THE ROADWAY.



DETECTABLE WARNING AT CURB RAMP

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	DETECTABLE WARNING PLACEMENT (SHEET 1 OF 3)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE:NOT TO SCALE DATE: 03/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM Detectable Warning Units.dwg		SD-5I



NOTES:

1. THE DETAILS PROVIDED ARE NOT DRAWN TO SCALE. THE QUANTITY OF DOMES DEPICTED ON THE DETECTABLE WARNING UNIT (THE DOMES AND THE ENTIRE 24" LEVEL SURFACE) IS FOR ILLUSTRATION ONLY.

DETECTABLE WARNING UNIT DIMENSIONS:

2. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE, EXCLUSIVE OF SIDE FLARES.

DOME ALIGNMENT:

3. THE ROWS OF DOMES SHALL BE ALIGNED TO BE PERPENDICULAR OR RADIAL TO THE GRADE BREAK BETWEEN THE RAMP LANDING OR CURB RAMP AND THE STREET.
4. WHERE DOMES ARE ARRAYED RADIALLY THEY MAY DIFFER IN DOME DIAMETER AND CENTER-TO-CENTER SPACING WITHIN THE RANGES SPECIFIED ON THIS SHEET.

COLOR REQUIREMENTS:

5. THE DETECTABLE WARNING FIELD SHALL BE THE COLOR SPECIFIED IN THE CONTRACT DOCUMENTS OR MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

DETECTABLE WARNINGS LOCATION:

6. DETECTABLE WARNINGS SHALL BE LOCATED SO THAT THE EDGE OR CORNER OF THE WARNING FIELD NEAREST TO THE ROADWAY IS 5" TO 9" FROM THE FRONT OF THE CURB OR THE ROADWAY EDGE (12" WHERE TRANSVERSABLE CURB IS USED).
7. THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 6'-0" MINIMUM AND 15'-0" MAXIMUM FROM THE CENTERLINE OF THE NEAREST RAIL.

NOTES:

1. DETECTABLE WARNINGS SHALL BE INSTALLED ON ALL CURB RAMPS. DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES (23 mm), A HEIGHT OF NOMINAL 0.2 INCHES (5 mm), AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 INCHES (60 mm) AND SHALL CONTRACT VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. DETECTABLE WARNINGS SHALL BE IN ACCORDANCE WITH THE DEPARTMENT OF JUSTICE 28 CFH PART 36 "EXCERPT FROM 28 CFR PART 36: ADA STANDARDS FOR ACCESSIBLE DESIGN" LAST REVISED JULY 1, 1994.
2. DETECTABLE WARNING SYSTEM SHALL BE CAST-IN-PLACE TRUNCATED DOMES PART NUMBER ATS-C-2x5 MANUFACTURED BY ADVANTAGE™ TACTILE SYSTEMS OR APPROVED EQUAL. THE COLOR OF THE DETECTABLE WARNING SYSTEM SHALL BE BRICK RED (FEDERAL COLOR NO. 22144).
3. DETECTABLE WARNING UNITS SHALL BE PAID UNDER NYSDOT ITEM NO. 608.21.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	DETECTABLE WARNING PLACEMENT (SHEET 3 OF 3)	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792	PROJECT: DETAILS SCALE:NOT TO SCALE DATE: 03/13/2014
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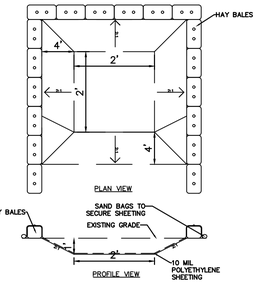

CLEANOUT WASHOUT AREA

CONCRETE WASHOUT AREA NOTES:

1. CONCRETE WASHOUT AREA TO BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE. CONCRETE WASHOUT AREA TO BE ENTIRELY SELF CONTAINED
2. HAY BALES SHALL BE PROVIDED AROUND THE PERIMETER OF CONCRETE WASHOUT AREA FOR CONTAINMENT.
3. WASHOUT AREA SHALL BE LINED WITH PLASTIC SHEETING NO THINNER THAN 10 MILS. SHEETING SHALL HAVE NO HOLES OR TEARS AND SHALL BE ANCHORED BY SAND BAGS ON ALL SIDES EXCEPT ACCESS SIDE. PLASTIC LINING TO BE REPLACED WITH EACH CLEANING
4. SIGNS SHALL BE PROVIDED AT THE CONSTRUCTION ENTRANCE AND CONCRETE AREAS INDICATING LOCATION OF WASHOUT AREA.
5. WASHOUT AREA TO BE ENCLOSED IN CONSTRUCTION FENCE.
6. WASHOUT AREAS TO BE INSPECTED DAILY TO ENSURE LINER IS INTACT AND ADEQUATE CAPACITY IS AVAILABLE AT ALL TIMES. WASHOUT AREAS SHALL BE INSPECTED IMMEDIATELY AFTER HEAVIER RAINS. DAMAGED OR LEAKING WASHOUT AREAS TO BE DEACTIVATED AND REPAIRED IMMEDIATELY.
7. CONCRETE WASTE SHALL BE REMOVED AND DISPOSED OF ONCE IT REACHES THREE-QUARTERS OF THE WASHOUT AREA'S HEIGHT. ALL WASTE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH APPLICABLE LAWS, REGULATIONS, AND GUIDELINES OF MUNICIPALITY.

ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

No.	Description	Date
1.	REVISED PER TOWN COMMENTS	9-27-18

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE

PROJECT:

SELF STORAGE BUILDING ADDITION
560 FENIMORE ROAD
VILLAGE OF MAMARONECK
WESTCHESTER COUNTY – NEW YORK

SITE DETAILS

STATE OF NEW YORK · MICHAEL F. STERN · No. 80637 · LICENSED PROFESSIONAL ENGINEER

HUDSON ENGINEERING & CONSULTING, P.C.
45 Knollwood Road – Suite 201
Elmsford, New York 10523
T: 914-909-0420
F: 914-560-2086
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Date: 2/8/18 Sheet: 6 / 7
Scale: N.T.S.
Designed By: D.C.
Checked By: M.S.
Sheet No. C-6

CONSTRUCTION PHASE:

DURING THE CONSTRUCTION PHASE OF THE PROJECT, A SEDIMENT AND EROSION CONTROL PLAN SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S BEST MANAGEMENT PRACTICES (BMP). THE PRIMARY GOALS OF THE SEDIMENT AND EROSION CONTROL PLAN ARE TO PREVENT THE TRACKING OF DIRT AND MUD ONTO ADJACENT ROADS, TO PREVENT MUD AND SILT FROM ENTERING INTO EXISTING AND PROPOSED DRAINAGE FACILITIES, AND TO PROTECT THE RECEIVING WATERS FROM CONTAMINATION DURING THE CONSTRUCTION.

DURING CONSTRUCTION, THE PARTY RESPONSIBLE FOR IMPLEMENTING THE TEMPORARY (DURING CONSTRUCTION) STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM WILL BE THE OWNER. THE NAME AND CONTACT INFORMATION WILL BE FILED WITH THE VILLAGE OF CARMEL AND THE NYSDEC AT THE TIME OF THE PRECONSTRUCTION MEETING.

A NEW YORK STATE PROFESSIONAL ENGINEER OR CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (P.E. OR CPESC) SHALL CONDUCT AN INSPECTION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND CERTIFY IN AN INSPECTION REPORT THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLAN HAVE BEEN ADEQUATELY INSTALLED AND/OR IMPLEMENTED TO ENSURE OVERALL PREPAREDNESS OF THE SITE FOR CONSTRUCTION. FOLLOWING THE COMMENCEMENT, SITE INSPECTIONS SHALL BE CONDUCTED BY THE P.E. OR CPESC AT LEAST EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.

DURING EACH INSPECTION, THE REPRESENTATIVE SHALL RECORD THE FOLLOWING:

1. ON A SITE MAP, INDICATE THE EXTENT OF ALL DISTURBED SITE AREAS AND DRAINAGE PATHWAYS. INDICATE SITE AREAS THAT ARE EXPECTED TO UNDERGO INITIAL DISTURBANCE OR SIGNIFICANT SITE WORK WITHIN THE NEXT 14–DAY PERIOD;
2. INDICATE ON A SITE MAP ALL AREAS OF THE SITE THAT HAVE UNDERGONE TEMPORARY OR PERMANENT STABILIZATION;
3. INDICATE ALL DISTURBED SITE AREAS THAT HAVE NOT UNDERGONE ACTIVE SITE WORK DURING THE PREVIOUS 14–DAY PERIOD;
4. INSPECT ALL SEDIMENT CONTROL PRACTICES AND RECORD APPROXIMATE DEGREE OF SEDIMENT ACCUMULATION AS A PERCENTAGE OF THE SEDIMENT STORAGE VOLUME;
5. INSPECT ALL EROSION AND SEDIMENT CONTROL PRACTICES AND RECORD ALL MAINTENANCE REQUIREMENTS. IDENTIFY ANY EVIDENCE OF RILL OR GULLY EROSION OCCURRING ON SLOPES AND ANY LOSS OF STABILIZING VEGETATION OR SEDIMENT/MULCHING. DOCUMENT ANY EXCESSIVE DEPOSITION OF SEDIMENT OR PONDING WATER ALONG THE BARRIER. RECORD THE DEPTH OF SEDIMENT WITHIN CONTAINMENT STRUCTURES AND ANY EROSION NEAR OUTLET AND OVERFLOW STRUCTURES.
6. ALL IDENTIFIED DEFICIENCIES.

THE P.E. OR CPESC SHALL MAINTAIN A RECORD OF ALL INSPECTION REPORTS IN A SITE LOGBOOK. THE SITE LOGBOOK SHALL BE MAINTAINED ON–SITE AND BE MADE AVAILABLE TO THE VILLAGE OF BRIARCLIFF MANOR AND THE NYSDEC. A SUMMARY OF THE SITE INSPECTION ACTIVITIES SHALL BE POSTED ON A MONTHLY BASIS IN A PUBLICLY ACCESSIBLE LOCATION AT THE SITE.

THE PROJECTS ANTICIPATED START DATE IS SEPTEMBER 2017 AND THE ANTICIPATED COMPLETION DATE IS ESTIMATED TO OCCUR IN SEPTEMBER APRIL 2018.

CONSTRUCTION SEQUENCING:

THE FOLLOWING EROSION CONTROL SCHEDULE SHALL BE UTILIZED:

1. INSTALL CONSTRUCTION ENTRANCE TO THE DEVELOPMENT AREA.
2. ESTABLISH CONSTRUCTION STAGING AREA.
3. INSTALL TREE PROTECTION ON TREES AS NOTED ON PLANS.
4. SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION.
5. INSTALL SILT FENCE DOWN SLOPE OF ALL AREAS TO BE DISTURBED AS SHOWN ON THE PLAN.
6. REMOVE TREES WHERE NECESSARY (CLEAR & GRUB) FOR THE PROPOSED CONSTRUCTION.
7. STRIP TOPSOIL AND STOCKPILE AT THE LOCATIONS SPECIFIED ON THE PLANS (UP GRADIENT OF EROSION CONTROL MEASURES). TEMPORARILY STABILIZE TOPSOIL STOCKPILES (HYDROSEED DURING MAY 1ST THROUGH OCTOBER 31ST PLANTING SEASON OR BY COVERING WITH A TARPAULIN(S) NOVEMBER 1ST THROUGH APRIL 30TH. INSTALL SILT FENCE AROUND TOE OF SLOPE.
8. DEMOLISH ANY EXISTING SITE FEATURES AND/OR STRUCTURES NOTED AS BEING REMOVED ON THE CONSTRUCTION DOCUMENTS, AND DISPOSE OF OFF–SITE.
9. ROUGH GRADE SITE.
10. INSTALL ADDITIONAL SILT FENCING AS NECESSARY.
11. ROUGH GRADE PARKING LOT AND INSTALL TRENCH DRAINS AND DRAIN INLETS, AS WELL AS ALL ASSOCIATED ONSITE PIPING.
12. OBTAIN STREET OPENING PERMIT FOR DRAINAGE CONNECTION TO EXISTING CATCH BASIN IN FENIMORE ROAD, AS WELL AS PROPOSED CURB CUT WIDENINGS.
13. INSTALL DRAINAGE WORK TRIBUTARY TO EXISTING MUNICIPAL CATCH BASIN IN FENIMORE ROAD UP TO LOCATION OF PROPOSED STORMWATER PLANTER18. EXCAVATE AND CONSTRUCT FOUNDATIONS FOR NEW BUILDING.
14. CONSTRUCT STORMWATER PLANTER ADJACENT TO BUILDING ADDITION.
15. CONSTRUCT BUILDING. INSTALL AND CONNECT ALL ROOF DRAIN LEADERS TO PREVIOUSLY INSTALLED STORMWATER PLANTER.
16. INSTALL CURBING, AND SUB–BASE COURSES. FINE GRADE AND SEED ALL DISTURBED AREAS. SPREAD SALT HAY OVER SEEDED AREAS.
17. INSTALL BITUMINOUS CONCRETE TOP COURSE.
18. CLEAN PAVEMENT, DRAIN LINES, CATCH BASINS AND PRETREATMENT DEVICES. CLEAN EXFILTRATION/ATTENUATION GALLERIES.
19. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION.

*SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR EVERY TWO WEEKS AND PRIOR TO AND AFTER EVERY ½" OR GREATER RAINFALL EVENT.

CONSTRUCTION PRACTICES TO MINIMIZE STORMWATER CONTAMINATION:

GENERAL:

ADEQUATE MEASURES SHALL BE TAKEN TO MINIMIZE CONTAMINANT PARTICLES ARISING FROM THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, GRADING OPERATIONS, AND THE RECLAMATION AND PLACEMENT OF PAVEMENT, DURING PROJECT CONSTRUCTION, INCLUDING BUT NOT LIMITED TO:

- BUILDING MATERIALS, GARBAGE, AND DEBRIS SHALL BE CLEANED UP DAILY AND DEPOSITED INTO DUMPSTERS, WHICH WILL BE PERIODICALLY REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED OF. ALL DUMPSTERS AND CONTAINERS LEFT ON–SITE SHALL BE COVERED AND SURROUNDED WITH SILT FENCE IN ORDER TO PREVENT CONTAMINANTS FROM LEAVING THE SITE. SILT FENCING SHALL BE INSPECTED ON A WEEKLY BASIS.
- DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.
- THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DAILY TO REMOVE EXCESS MUD, DIRT, OR ROCK TRACKED FROM THE SITE.
- PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS THAT ARE CLEARLY LABELED.
- ALL VEHICLES ON SITE WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE.
- ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. SPILLS LARGE ENOUGH TO REACH THE STORM SYSTEM WILL BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 1–800–424–8802.
- MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE TEMPORARY MATERIAL STORAGE TRAILER ONSITE. EQUIPMENT WILL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAW DUST, AND PLASTIC AND METAL TRASH CONTAINERS.
- ALL PAINT CONTAINERS AND CURING COMPOUNDS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SYSTEM, BUT WILL BE PROPERLY DISPOSED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS A MINIMUM OF TWO TIMES A WEEK TO AVOID OVERFILLING. ALL SANITARY WASTE UNITS SHALL BE SURROUNDED BY SILT FENCE TO PREVENT CONTAMINANTS FROM LEAVING THE SITE. SILT FENCING SHALL BE INSPECTED ON A WEEKLY BASIS.
- ANY ASPHALT SUBSTANCES USED ON–SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATION.
- FERTILIZERS WILL BE STORED IN A COVERED SHED AND PARTIALLY USED BAGS WILL BE TRANSFERRED TO A SEALABLE BIN TO AVOID SPILLS AND WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER AND WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER.
- NO DISTURBED AREA SHALL BE LEFT UN–STABILIZED FOR LONGER THAN 14 DAYS DURING THE GROWING SEASON.
- WHEN EROSION IS LIKELY TO BE A PROBLEM, GRUBBING OPERATIONS SHALL BE SCHEDULED AND PERFORMED SUCH THAT GRADING OPERATIONS AND PERMANENT EROSION CONTROL FEATURES CAN FOLLOW WITHIN 24 HOURS THEREAFTER.
- AS WORK PROGRESSES, PATCH SEEDING SHALL BE DONE AS REQUIRED ON AREAS PREVIOUSLY TREATED TO MAINTAIN OR ESTABLISH PROTECTIVE COVER.
- DRAINAGE PIPES AND SWALES/DITCHES SHALL GENERALLY BE CONSTRUCTED IN A SEQUENCE FROM OUTLET TO INLET IN ORDER TO STABILIZE OUTLET AREAS AND DITCHES BEFORE WATER IS DIRECTED TO THE NEW INSTALLATION OR ANY PORTION THEREOF, UNLESS CONDITIONS UNIQUE TO THE LOCATION WARRANT AN ALTERNATIVE METHOD.

SPILL CONTROL & SPILL RESPONSE:

- FOR ALL HAZARDOUS MATERIALS STORED ON SITE, THE MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP WILL BE CLEARLY POSTED. SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES, AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES.
- APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT WILL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ON–SITE. AS APPROPRIATE, EQUIPMENT AND MATERIALS MAY INCLUDE ITEMS SUCH AS BOOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR CLEAN UP PURPOSES.
- ALL SPILLS WILL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY.
- THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- AFTER A SPILL, A REPORT WILL BE PREPARED DESCRIBING THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES TAKEN. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING, AS WELL AS CLEAN UP INSTRUCTIONS IN THE EVENT OF REOCCURRENCES.
- THE CONTRACTOR'S SITE SUPERINTENDENT, RESPONSIBLE FOR DAY–TO–DAY OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SITE SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND CLEANUP.
- THE CONTRACTOR'S SITE SUPERINTENDENT WILL BE NOTIFIED IMMEDIATELY WHEN A SPILL OR THE THREAT OF A SPILL IS OBSERVED. THE SUPERINTENDENT WILL ASSESS THE SITUATION AND DETERMINE THE APPROPRIATE RESPONSE.
- IF SPILLS REPRESENT AN IMMINENT THREAT OF ESCAPING EROSION AND SEDIMENT CONTROLS AND ENTERING RECEIVING WATERS, PERSONNEL WILL BE DIRECTED TO RESPOND IMMEDIATELY TO CONTAIN THE RELEASE AND NOTIFY THE SUPERINTENDENT AFTER THE SITUATION HAS BEEN STABILIZED.

- SPILL KITS CONTAINING APPROPRIATE MATERIALS AND EQUIPMENT FOR SPILL RESPONSE AND CLEANUP WILL BE MAINTAINED BY THE CONTRACTOR AT THE SITE.
- IF OIL SHEEN IS OBSERVED ON SURFACE WATER, ACTION WILL BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING THE SHEEN. THE CONTRACTOR WILL USE APPROPRIATE MATERIALS TO CONTAIN AND ABSORB THE SPILL. THE SOURCE OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR REPAIRED AS NECESSARY TO PREVENT FURTHER RELEASES.
- IF A SPILL OCCURS THE SUPERINTENDENT OR THE SUPERINTENDENT'S DESIGNEE WILL BE RESPONSIBLE FOR COMPLETING THE SPILL REPORTING FORM AND FOR REPORTING THE SPILL TO THE CONTACTS LISTED BELOW.
- PERSONNEL WITH PRIMARY RESPONSIBILITY FOR SPILL RESPONSE AND CLEAN UP WILL RECEIVE TRAINING BY THE CONTRACTOR'S SITE SUPERINTENDENT OR DESIGNEE. THE TRAINING MUST INCLUDE IDENTIFYING THE LOCATION OF THE SPILL KITS AND OTHER SPILL RESPONSE EQUIPMENT AND THE USE OF SPILL RESPONSE MATERIALS.
- SPILL RESPONSE EQUIPMENT WILL BE INSPECTED AND MAINTAINED AS NECESSARY TO REPLACE ANY MATERIALS USED IN SPILL RESPONSE ACTIVITIES.

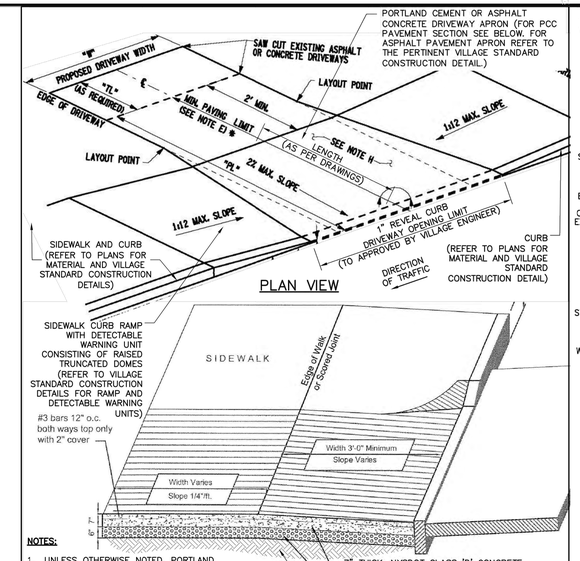
SPILL CONTROL NOTIFICATION:

- A REPORTABLE SPILL IS A QUANTITY OF FIVE (5) GALLONS OR MORE OR ANY SPILL OF OIL WHICH: (1) VIOLATES WATER QUALITY STANDARDS, (2) PRODUCES A 'SHEEN' ON A SURFACE WATER, OR (3) CAUSES A SLUDGE OR EMULSION. THIS SPILL MUST BE REPORTED IMMEDIATELY TO THE AGENCIES LISTED BELOW.
- ANY SPILL OF OIL OR HAZARDOUS SUBSTANCE TO WATERS OF THE STATE MUST BE REPORTED IMMEDIATELY BY TELEPHONE TO THE FOLLOWING AGENCIES:
  - 911 – POLICE, FIRE AND EMS
  - VILLAGE OF MAMARONECK ENGINEERING DEPARTMENT 169 MOUNT PLEASANT AVENUE MAMARONECK, NY 10543 PHONE: (914) 777–7731
  - VILLAGE OF MAMARONECK FIRE DEPARTMENT 123 MAMARONECK AVENUE MAMARONECK, NY 10543 PHONE: (914) 825–8777
  - NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) SPILL REPORTING HOTLINE (1800) 457–7362
  - NATIONAL RESPONSE CENTER: (1800) 424–8802
  - LOCAL EMERGENCY PLANNING COMMITTEE (LEPC) WESTCHESTER COUNTY OFFICE OF EMERGENCY MANAGEMENT 200 BRADHURST AVENUE HAWTHORNE, NY 10532 (914) 864–5450
  - WESTCHESTER COUNTY DEPARTMENT OF HEALTH (WCDOH) SPILL REPORTING HOTLINE (914) 813–5000
  - U.S. ENVIRONMENTAL PROTECTION AGENCY (USEPA) EPCRA INFORMATION HOTLINE (1800) 535–0202
  - U.S. DEPARTMENT OF LABOR AND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) TARRYTOWN, NY (914) 524–7510

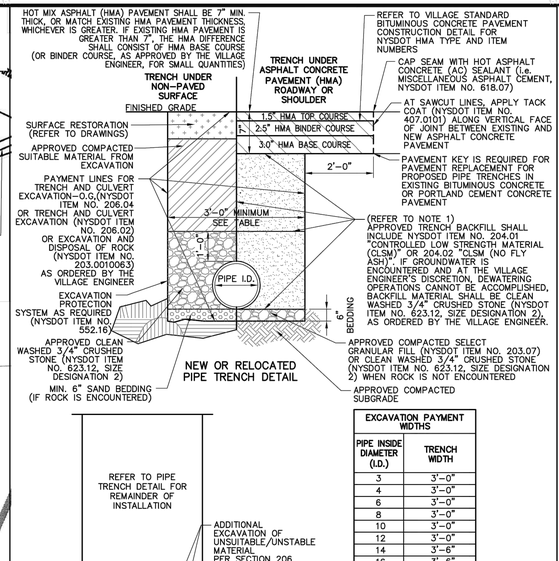
STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM

MEASURE	DATES FOR INSPECTION	TIMING, ACTIVITY, AND LOCATION
GENERAL MAINTENANCE (STORM SEWER, CATCH BASINS/ DRAIN INLETS, MANHOLES, PRE–TREATMENT DEVICE)	ALL	ALL STORMWATER FACILITIES SHALL BE INSPECTED IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION, AND THEN MONTHLY FOR THE FIRST THREE (3) MONTHS FOLLOWING THE COMPLETION OF THE PROJECT. WITHIN THE FIRST THREE (3) MONTHS, INSPECTIONS SHALL IMMEDIATELY BE PERFORMED FOLLOWING A LARGE STORM EVENT (I.E. PRODUCING 1/2" (ONE–HALF INCH) OF RAIN OR GREATER. THEREAFTER, THESE FACILITIES SHALL BE INSPECTED AS DESCRIBED AS FOLLOWS. UPON INSPECTION, FACILITIES SHALL BE IMMEDIATELY MAINTAINED AND/OR CLEANED AS MAY BE REQUIRED. ANY SITE AREAS EXHIBITING SOIL EROSION OF ANY KIND SHALL BE IMMEDIATELY RESTORED AND STABILIZED WITH VEGETATION, MULCH OR STONE, DEPENDING ON THE AREA TO BE STABILIZED. UPON EACH INSPECTION, ALL VISIBLE DEBRIS INCLUDING, BUT NOT LIMITED TO, TWIGS, LEAF AND FOREST LITTER SHALL BE REMOVED FROM THE BASIN, OVERFLOW DISCHARGE POINTS AND FRAMES AND GRATES OF DRAINAGE STRUCTURES.
SUMPS – CATCH BASIN/DRAIN INLETS AND DRAIN MANHOLES	UPON COMPLETION OF CONSTRUCTION: –ONCE A MONTH FOR THE FIRST THREE (3) MONTHS AFTER FIRST THREE (3) MONTHS: –EVERY FOUR (4) MONTHS THEREAFTER	ALL CATCH BASIN/DRAIN INLETS AND DRAIN MANHOLES WITH SUMPS HAVE BEEN DESIGNED TO TRAP SEDIMENT PRIOR TO ITS TRANSPORT DOWNSTREAM. THESE SUMPS WILL REQUIRE PERIODIC INSPECTION AND MAINTENANCE TO ENSURE THAT ADEQUATE DEPTH IS MAINTAINED WITHIN THE SUMPS. THE OWNER, OR THEIR DULY AUTHORIZED REPRESENTATIVE, SHALL TAKE MEASUREMENTS OF THE SUMP DEPTH. IF SEDIMENT HAS ACCUMULATED TO 1/2 (ONE–HALF) THE DEPTH OF THE SUMP, ALL SEDIMENT SHALL BE REMOVED FROM THE SUMP. SEDIMENTS CAN BE REMOVED WITH HAND–LABOR OR WITH A VACUUM TRUCK. THE USE OF ROAD SALT SHALL BE MINIMIZED FOR MAINTENANCE OF ROADWAY AND DRIVEWAY AREAS.
EXISTING HYDRODYNAMIC SEPARATOR	UPON COMPLETION OF CONSTRUCTION: –QUARTERLY FOR FIRST YEAR AFTER FIRST YEAR: –EVERY SIX (6) MONTHS THEREAFTER (SPRING & FALL)	THE HYDRODYNAMIC SEPARATOR DEVICE LOCATED IMMEDIATELY UPSTREAM OF THE OUTFALL SHALL BE MAINTAINED DURING DRY WEATHER CONDITIONS. ANY ACCUMULATED SEDIMENTS SHALL BE VACUUMED OUT WHEN SEDIMENT HAS REACHED 1/2 (ONE–HALF) THE CAPACITY OF THE ISOLATED SUMP, OR WHEN AN APPRECIABLE LEVEL OF HYDROCARBONS AND TRASH HAS ACCUMULATED, WHICHEVER OCCURS FIRST. WHEN THE SEDIMENT PILE IS WITHIN 30 TO 36 INCHES OF THE WATER SURFACE, THE SYSTEM SHOULD BE MAINTAINED. A VACUUM TRUCK SHALL BE USED TO REMOVE THE ACCUMULATED SEDIMENT AND DEBRIS. REFER TO MANUFACTURER'S LITERATURE FOR DETAILED MAINTENANCE INSTRUCTIONS.
STORMWATER PLANTER	UPON COMPLETION OF CONSTRUCTION: –TWICE IN THE FIRST SIX(6) MONTHS & AFTER EACH STORM EVENT GREATER THAN 0.5–INCHES AFTER FIRST YEAR: –EVERY FOUR (4) MONTHS THEREAFTER & AFTER STORM EVENTS GREATER THAN THE 1–YEAR STORM	ROUTINE MAINTENANCE ACTIVITIES INCLUDE PRUNING AND REPLACING DEAD OR DYING VEGETATION, PLANT THINNING, AND EROSION REPAIR. SINCE STORMWATER PLANTERS ARE NOT TYPICALLY PRECEDED BY PRE–TREATMENT PRACTICES, THE SOIL SURFACE SHOULD BE INSPECTED FOR EVIDENCE OF SEDIMENT BUILD–UP FROM THE CONNECTED IMPERVIOUS SURFACE AND FOR SURFACE PONDING. ATTENTION SHOULD BE PAID TO ADDITIONAL SEASONAL MAINTENANCE NEEDS AS WELL AS THE FIRST GROWING SEASON.

- DURING CONSTRUCTION, THE PARTY RESPONSIBLE FOR IMPLEMENTING THE TEMPORARY (DURING CONSTRUCTION) STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM WILL BE THE CONTRACTOR. THE NAME AND CONTACT INFORMATION WILL BE FILED WITH THE TOWN OF YORKTOWN AND THE NYSDEC AT THE TIME OF THE PRE–CONSTRUCTION MEETING. THE PERMANENT MAINTENANCE PROGRAM FOR ALL NEW STORMWATER MANAGEMENT FACILITIES WILL BE MANAGED BY THE INDIVIDUAL HOMEOWNERS UPON COMPLETION OF CONSTRUCTION AND ACCEPTANCE OF THE IMPROVEMENTS.

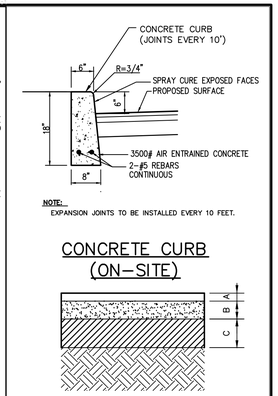


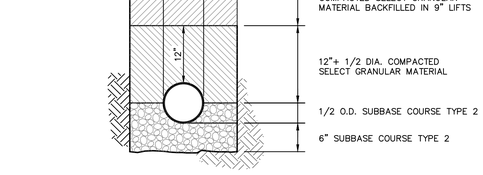
VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	PORTLAND CEMENT CONCRETE TAPERED DRIVEWAY APRON (SIDEWALK ABUTTING ROADWAY)	VILLAGE OF MAMARONECK	PROJECT: DETAILS
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE / CHECKED BY: ARC, PE DRAWN BY: ARC, PE / VOM PCC Driveway.dwg	VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777–7731 FAX: (914) 777–7792	SCALE/NOT TO SCALE DATE: 01/13/2014 REV: 10/16/2014 SD-5E



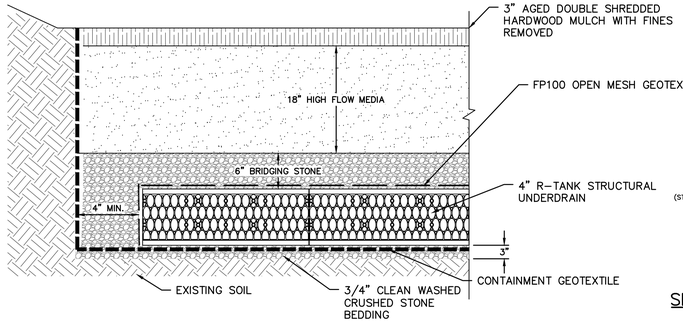
EXCAVATION PAYMENT WIDTHS	
PIPE INSIDE DIAMETER (I.D.)	TRENCH WIDTH
3	3'–0"
4	3'–0"
6	3'–0"
8	3'–0"
10	3'–0"
12	3'–0"
14	3'–6"
16	3'–6"
18	3'–6"
20	4'–0"
24	4'–0"
30	4'–6"
36	5'–0"
42	5'–6"
48	6'–0"
54	6'–6"
60	7'–0"
64	7'–6"

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	PIPE TRENCH AND ASPHALT CONCRETE PAVEMENT RESTORATION	VILLAGE OF MAMARONECK	PROJECT: DETAILS
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE / CHECKED BY: ARC, PE DRAWN BY: ARC, PE / VOM Pipe Trench and Asphalt Rs	VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777–7731 FAX: (914) 777–7792	SCALE/NOT TO SCALE DATE: 01/13/2014 REV: 10/16/2014 SD-2A

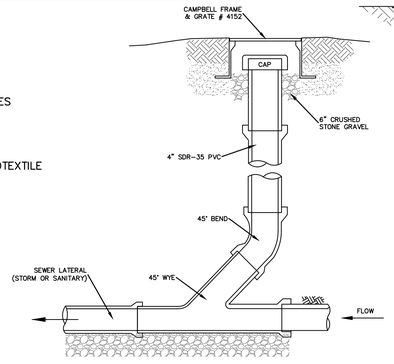




TRENCH BEDDING (ON–SITE)



FOCALPOINT FILTER



SEWER CLEANOUT DETAIL (GRAVITY)
(STORM OR SANITARY)

NOTES (SANITARY SEWER SERVICES):
1. ALL SANITARY SEWER SERVICES TO BE 4"ø SDR–35 @ 1.0% MINIMUM.
2. IN ACCORDANCE WITH THE NYS RESIDENTIAL BUILDING CODE, THE FOLLOWING REQUIREMENTS APPLY:
   A. CLEANOUTS SHALL BE INSTALLED NOT MORE THAN 100 FEET APART IN HORIZONTAL DRAINAGE LINES (P.3005.2.2).
   B. CLEANOUTS SHALL BE INSTALLED AT EACH CHANGE OF DIRECTION OF THE DRAINAGE SYSTEM GREATER THAN 45 DEGREES.
   C. CLEANOUTS SHALL BE INSTALLED SO THAT THE CLEANOUT O

Appendix J

Stormwater Pollution Prevention Plan

STORMWATER POLLUTION PREVENTION PLAN & DRAINAGE ANALYSIS

Self Storage Addition
560 Fenimore Road
Mamaroneck - New York

February 8, 2018
Revised August 20, 2020

Hudson Engineering & Consulting, P.C.
45 Knollwood Road - Suite 201
Elmsford, NY 10523

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   L. **Erosion and Sediment Control Components**
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   A. **Construction Site Log Book**

B. Monthly Summary of Site Inspection Activities

C. Inspection and Maintenance Checklist

- **Catch Basins, Manholes, and Inlets**
- **Conveyance Systems (Pipes & Ditches)**
- **Vaults, Tanks, and Attenuation Piping**

1.) Contractor Certification Statement

CONTRACTOR and SUBCONTRACTOR CERTIFICATION STATEMENT

for the New York State Department of Environmental Conservation (DEC) State Pollutant Discharge Elimination System Permit for Stormwater Discharges from Construction Activity (GP-0-15-002)

As per *Part III.A.5* on page 19 of *GP-0-15-002* (effective January 29, 2015):

'Prior to the *commencement of construction activity*, the *owner or operator* must identify the contractor(s) and subcontractor(s) that will be responsible for installing, constructing, repairing, replacing, inspecting and maintaining the erosion and sediment control practices included in the SWPPP; and the contractor(s) and subcontractor(s) that will be responsible for constructing the post-construction stormwater management practices included in the SWPPP. The *owner or operator* shall have each of the contractors and subcontractors identify at least one person from their company that will be responsible for implementation of the SWPPP. This person shall be known as the *trained contractor*. The *owner or operator* shall ensure that at least one *trained contractor* is on site on a daily basis when soil disturbance activities are being performed.'

The *owner or operator* shall have each contractor and subcontractor involved in soil disturbance sign a copy of the following certification statement before they commence any *construction activity*:

416 Waverly Avenue	**NYR** _____	Village of Mamaroneck
Name of Construction Site	*DEC Permit ID*	*Municipality (MS4)*

"I hereby certify under penalty of law that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspector during a site inspection. I also understand that the owner or operator must comply with the terms and conditions of the most current version of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for stormwater discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I am aware that there are significant penalties for submitting false information, that I do not believe to be true, including the possibility of fine and imprisonment for knowing violations."

Responsible Corporate Officer/Partner Signature	Date
Name of above Signatory	Name of Company
Title of above Signatory	Mailing Address
Telephone of Company	City, State and Zip

Identify the specific elements of the SWPPP the contractor or subcontractor is responsible for:
The contractor shall be responsible for the installation and maintenance of all temporary and permanent erosion
and sediment control practices for the duration of construction activities.

'*TRAINED CONTRACTOR*' FOR THE CERTIFIED CONTRACTOR OR SUBCONTRACTOR

Name of Trained Employee	*Title of Trained Employee*	*NYSDEC SWT #*

A copy of this signed contractor certification statement must be maintained at the SWPPP on site

2.) Narrative

STORMWATER POLLUTION PREVENTION PLAN
Self Storage Addition
560 Fenimore Road
Mamaroneck - New York

A. INTRODUCTION

This Stormwater Pollution Prevention Plan & Stormwater Analysis presents the proposed Best Management Practices (BMPs) to control erosion, sedimentation, and manage stormwater during the construction of a new four (4) story addition to an existing self storage building, and associated parking and landscaping, located at 560 Fenimore Road (SBL 8-25-70) in the Village of Mamaroneck, Westchester County, New York.

This Plan consists of this narrative and a plan set entitled: "Self Storage Building Addition, 560 Fenimore Road, Village of Mamaroneck, Westchester County, New York", all as prepared by Hudson Engineering and Consulting, P.C., Elmsford, New York, last revised August 20, 2020. The design is in accordance with the Village of Mamaroneck requirements. The plans have also been prepared to meet the requirements of the New York State Department of Environmental Conservation (NYSDEC), per the Village code.

B. METHODOLOGY

The stormwater analysis was developed utilizing the Soil Conservation Service (SCS) TR-20 methodologies (HydroCad®) to assist with the drainage analysis and design of the mitigating practice. The "Complex Number" (CN) value determination is based on soil type, vegetation and land use. *See Soil Map & Report contained herein.* The "Time of Concentration" (T_c) is determined by the time wise longest flow path within each watershed. The CN and T_c data is input into the computer model. This project involves modifications to an existing developed property; therefore, this will be classified as redevelopment per the NYSDEC Phase II regulations.

The pre-developed and post-developed impervious area coverage was calculated as follows:

Pre and Post Impervious Coverage	
Total Existing Impervious Area	41,390-square feet
Total Proposed Impervious Area	39,235-square feet
Total Decrease in Impervious Area	2,155-square feet
Percent Decrease	5.20%

Per Section 9.2.1, B-III of the NYSDEC Manual, 75% of the Water Quality Volume from the disturbed, impervious area, as well as any additional runoff from tributary areas that are undisturbed, can be treated with the use of Alternative Stormwater Management Practices (SMPs), as listed in Section 9.4 of the NYSDEC Stormwater Management Design Manual.

The stormwater management design is based on the NYSDEC "New York State Stormwater Management Design Manual", latest edition and "Controlling Urban Runoff: A practical Manual for Planning and Designing Urban BMP'S", by the Metropolitan Washington Council of Governments. Stormwater quality has been analyzed in accordance with the guidelines set forth in the New York State General Permit for Storm Water Discharge, GP-0-15-002.

C. LIST OF PERMITS

The following is a list of permits and approvals required for the project along with the status.

- Village of Mamaroneck – Building Permit – Pending
- Village of Mamaroneck – Zoning Board Approval – Pending
- Village of Mamaroneck – Planning Board Approval – Pending
- Harbor Coastal Zone Management Commission – Pending

D. PRE-DESIGN INVESTIGATIVE ANALYSIS

Due to the site's location partially within the 100-year flood limit line, it has been determined that percolation is not a viable option for stormwater on this site, and conventional stormwater management practices could not be utilized in the stormwater design (i.e. infiltration chambers, infiltration basins, etc.). Therefore, no deep hole testing or percolation testing was performed.

E. PRE-DEVELOPED CONDITION

In the pre-developed conditions, the proposed redevelopment project was modeled as six watersheds, Watershed 1A, 1B, 1C, 1D, 2 and 3. Watersheds 1A, 1B, 1C, 1D and 2 are all tributary to Design Point 1. Watershed 3 is tributary to DP-2. Each watershed was analyzed as follows:

Watershed 1A is comprised of 2,252 square feet, of which all is impervious in the form of a portion of the existing 2 story building and driveway surface. The watershed has a weighted complex number (CN) value of 98 and a calculated time of concentration (Tc) of 0.8 Minutes. Stormwater from this tributary area flows overland to an existing catch basin located in the center of the parking area. The runoff is then conveyed via pipe to an existing hydrodynamic separator

(Aqua-swirl AS-2 as manufactured by Aquashield) and enters the village's drainage system at Design Point DP-1.

Watershed 1B is comprised of 5,979 square feet, of which 5,522 square feet is impervious in the form of a portion of the driveway and 457 square feet is pervious in the form of lawn and landscaping. The watershed has a weighted complex number (CN) value of 97 and a calculated time of concentration (Tc) of 1.1 Minutes. Stormwater from this tributary area flows overland to an existing catch basin located in the center of the parking area. The runoff is then conveyed via pipe to an existing hydrodynamic separator (Aqua-swirl AS-2 as manufactured by Aquashield) and enters the village's drainage system at Design Point DP-1.

Watershed 1C is comprised of 2,849 square feet, of which 2,119 square feet is impervious in the form of a portion of the driveway and 730 square feet is pervious in the form of lawn and landscaping. The watershed has a weighted complex number (CN) value of 93 and a calculated time of concentration (Tc) of 0.9 Minutes. Stormwater from this tributary area flows overland to an existing catch basin located adjacent to the Waverly Avenue right-of-way. The runoff is then conveyed via pipe to an existing hydrodynamic separator (Aqua-swirl AS-2 as manufactured by Aquashield) and enters the village's drainage system at Design Point DP-1.

Watershed 1D is comprised of 786 square feet, all of which is impervious in the form of a portion of an existing building. The watershed has a weighted complex number (CN) value of 98 and a calculated time of concentration (Tc) of 1.0 Minute (direct entry). Stormwater from this roof area is collected and conveyed via pipe to an existing catch basin (private) located within the village's Right of Way. The runoff then enters the village's drainage system at Design Point DP-1.

Watershed 2 is comprised of 10,733 square feet, of which 10,056 square feet is impervious in the form of the existing storage building and 677 square feet is pervious in the form of an existing stormwater planter. The watershed has a weighted complex number (CN) value of 97 and a calculated time of concentration (Tc) of 1.0 Minute (direct entry). The existing stormwater planter was sized to provide water quality treatment for the runoff from this watershed. The planter is designed with overflows to bypass larger storms. All runoff from the planter is conveyed via pipe the hydrodynamic separator (Aqua-swirl AS-2 as manufactured by Aquashield) and enters the village's drainage system at design point DP-1.

Watershed 3 is comprised of 21,557 square feet, of which 20,655 is impervious in the form of a portion of the driveway, and buildings and 902 square feet is pervious in the form of lawn and landscaping. The watershed has a weighted complex number (CN) value of 97 and a calculated time of concentration (Tc) of 1.4 Minutes. Stormwater from this tributary area flows overland from the center of

the site in a northwesterly direction where it exits the site into the Fenimore Road right-of-way at Point C. The runoff flows overland (R1) to design point DP-1 where it enters the village's drainage system.

The rate off runoff at the design point are calculated as follows:

Pre-Developed Conditions			
Design Point	1-Year	10-Year	25-Year
	cfs	cfs	cfs
DP-1	0.89	3.02	3.81
DP-2	1.58	2.89	3.64

F. POST-DEVELOPED CONDITION

In the post-developed condition, the project site has been modeled as eight (8) watersheds, Watershed 1A, 1B, 1C, 1D, 2, 3, 3A and 3B. Watersheds 1A, 1B, 1C, 1D, and 2 are tributary to design point DP-1. Watersheds 3, 3A, and 3B are tributary to DP-2. Each watershed is analyzed as follows:

Watershed 1A is made up of the portion of the proposed parking area adjacent to the proposed building addition. This watershed contains 2,892-square feet of tributary area, all of which is impervious area in the form of the driveway. This watershed has a weighted complex number (CN) value of 98 and a calculated Time of Concentration (Tc) of 1.2 minutes. Stormwater from this area flows overland to an existing catch basin. From here the runoff is captured and conveyed to an existing hydrodynamic separator (Aqua-swirl AS-2 as manufactured by Aquashield), where it meets with the runoff from Watersheds 1B, 1C, 1D and 2. The hydrodynamic separator is capable of treating the entire water quality volume from the tributary area. The treated runoff is then conveyed to an existing catch basin located at the corner of Waverly Avenue and Fenimore Road where it enters the village's drainage system at design point DP-1.

Watershed 1B is made up of the portion of the proposed parking area adjacent to the entrance to the existing storage building. This watershed contains 3,367-square feet of tributary area, which consists of 3,367-square feet of impervious area, with the remaining 71-square feet of area in the form of lawn and landscaping. This watershed has a weighted complex number (CN) value of 97 and a calculated Time of Concentration (Tc) of 0.8 minutes. Stormwater from this area flows overland to a relocated catch basin located adjacent to a proposed loading area. From here the runoff is captured and conveyed to an existing hydrodynamic separator (Aqua-swirl AS-2 as manufactured by Aquashield), where it meets with the runoff from Watersheds 1A, 1C, 1E and 2. As previously mentioned, the hydrodynamic separator is capable of treating the

entire water quality volume from the tributary area. The treated runoff is then conveyed to an existing catch basin located at the corner of Waverly Avenue and Fenimore Road where it enters the village's drainage system at design point DP-1.

Watershed 1C is made up of the portion of the proposed parking area adjacent to the existing stucco building to remain. This watershed contains 3,454-square feet of tributary area, which consists of 3,172-square feet of impervious area, with the remaining 172-square feet of area in the form of lawn and landscaping. This watershed has a weighted complex number (CN) value of 97 and a calculated Time of Concentration (Tc) of 0.9 minutes. Stormwater from this area flows overland to an existing catch basin located just upstream of the existing hydrodynamic separator (Aqua-swirl AS-2 as manufactured by Aquashield). From here the runoff is captured and conveyed to the existing hydrodynamic separator, where it meets with the runoff from Watersheds 1A, 1B, 1D and 2. As previously mentioned, the hydrodynamic separator is capable of treating the entire water quality volume from the tributary area. The treated runoff is then conveyed to an existing catch basin located at the corner of Waverly Avenue and Fenimore Road where it enters the village's drainage system at design point DP-1.

Watershed 1E is made up of the portion of the proposed parking area adjacent to the main driveway entrance. This watershed contains 1,069-square feet of tributary area, which consists of 1,043-square feet of impervious area, with the remaining 26-square feet of area in the form of lawn and landscaping. This watershed has a weighted complex number (CN) value of 97 and a calculated Time of Concentration (Tc) of 0.7 minutes. Stormwater from this area flows overland to a proposed trench drain located across the driveway entrance. From here the runoff is captured and conveyed to an existing hydrodynamic separator (Aqua-swirl AS-2 as manufactured by Aquashield), where it meets with the runoff from Watersheds 1A, 1B, 1C and 2. As previously mentioned, the hydrodynamic separator is capable of treating the entire water quality volume from the tributary area. The treated runoff is then conveyed to an existing catch basin located at the corner of Waverly Avenue and Fenimore Road where it enters the village's drainage system at design point DP-1.

Watershed 2 is made up of the existing roof area and associated stormwater planter. This watershed contains 10,733-square feet of tributary area, which consists of 10,056-square feet of impervious area, with the remaining 677-square feet of area in the form of an existing stormwater planter. This watershed has a weighted complex number (CN) value of 97 and a direct entry Time of Concentration (Tc) of 1.0 minute. Stormwater from this area is collected via a series of roof drains and is conveyed directly to an existing stormwater planter located adjacent to the existing building. The stormwater planter is sized to treat the entire water quality volume from the watershed, as well as bypass storm events up to and including the 25-year storm. From here the treated runoff is conveyed to an existing hydrodynamic separator (Aqua-swirl AS-2 as

manufactured by Aquashield), where it meets with the runoff from Watersheds 1A, 1B, 1C and 1E. The treated runoff is then conveyed to an existing catch basin located at the corner of Waverly Avenue and Fenimore Road where it enters the village's drainage system at design point DP-1.

Watershed 3 is made up of portions of sidewalk and landscaped area encompass the perimeter of the property. This watershed contains 3,181 square feet of tributary area, consisting of 470 square feet of impervious area in the form of sidewalks, with the remaining 2,711 square feet pervious area. The watershed has a weighted complex number (CN) value of 78 and a calculated time of concentration (Tc) of 1.0 minute (direct entry). The runoff flows overland within the right-of-way to an existing catch basin where it enters the village's drainage system and is conveyed to the design point DP-2.

Watershed 3A is made up of the proposed roof area and associated stormwater planter. This watershed contains 14,917-square feet of tributary area, which consists of 13,653-square feet of impervious area, with the remaining 1,264-square feet of area in the form of a proposed stormwater planter. This watershed has a weighted complex number (CN) value of 96 and a direct entry Time of Concentration (Tc) of 1.0 minute. Stormwater from this area is collected via a series of roof drains and is conveyed directly to a proposed stormwater planter, which has been sized to treat the entire water quality volume from watersheds 3A and 3B, as well as bypass storm events up to and including the 25-year storm. The treated runoff is conveyed via pipe to design point DP-2 where it enters the village's drainage system.

Watershed 3B is made up of a portion of the driveway area. This watershed contains 4,472-square feet of tributary area, all of which is impervious. This watershed has a weighted complex number (CN) value of 98 and a Time of Concentration (Tc) of 1.0 minute. Stormwater from this area originates adjacent to the existing two-story building and flows in an easterly direction where it flows into the proposed stormwater planter. The stormwater planter has been sized to treat the entire water quality volume from watershed 3A and 3B, as well as bypass storm events up to and including the 25-year storm. The treated runoff is conveyed via pipe to design point DP-2 where it enters the village's drainage system.

The rate off runoff at the design point are calculated as follows:

Post-Developed Conditions			
Design Point	**1-Year**	**10-Year**	**25-Year**
	cfs	**cfs**	**Cfs**
DP-1	**0.85**	**2.90**	**3.65**
DP-2	**0.33**	**2.51**	**3.48**

G. SUMMARY OF FLOWS

Pre- and Post-Developed Conditions						
Design Point	**1-Year**		**10-Year**		**25-Year**	
	Pre-	**Post-**	**Pre-**	**Post-**	**Pre-**	**Post-**
DP-1	0.89	**0.85**	3.02	**2.90**	3.81	**3.65**
DP-2	1.58	**0.33**	2.89	**2.51**	3.64	**3.48**

Post-developed flows rates at each design point are equal to or less than those in the pre-developed conditions.

H. WATER QUALITY VOLUME

The Water Quality Volume (WQv) calculations were performed for the entire site as well as for the tributary areas to each water quality practice. The calculations are as follows:

ENTIRE SITE

P= 90% Rainfall 1.5 -inches

A_i = Impervious Area = 39,235 -square feet

A_i = 0.9007 -acres

A_t = Tributary Area = 44,156 -square feet

A_t = 1.0137 -acres

I = % Impervious = 88.86%

R_v= 0.05+0.009(I); where I = Percent Impervious written as a percent

R_v= 0.850 **(0.20 minimum)**

R_v= 0.850

$$WQ_v = \frac{(P \times R_v \times A_t)}{12} = 0.10767 \text{ acre-feet} = 4689.91 \text{ cubic feet}$$

Total Water Quality Volume: 4689 cubic feet

*Water Quality treatment provided: 100.5% (4,713.00 cubic feet)

Due to the configuration of the site, water quality treatment could not be provided for Watershed 3. Watershed 3 consists of the small areas around the perimeter of the site that flow overland into the right-of-way.

To compensate for these two areas, additional treatment was provided for Watershed 1A, 1B, 1C, 1D, 2, 3A, and 3B. Since Watersheds 1A, 1B, 1C, 1D and 3A are more susceptible to pollutants as they are mostly made up of driving

surfaces, the increase of treatable volume will have greater overall benefits than trying to capture the roof area.

WATERSHEDS 1A, 1B, 1C & 1D

P= 90% Rainfall 1.5 -inches

A_i = Impervious Area = 10,584 -square feet

A_i = 0.2430 -acres

A_t = Tributary Area = 10,853 -square feet

A_t = 0.2492 -acres

I = % Impervious = 97.52%

R_v = 0.05+0.009(I); where I = Percent Impervious written as a percent

R_v = 0.928 **(0.20 minimum)**

R_v = 0.928

$$WQ_v = \frac{(P \times R_v \times A_t)}{12} = 0.02889 \text{ acre-feet} = 1258.53 \text{ cubic feet}$$

Rainfall = 1.38 -inches → 0.04700 acre-feet OKAY

The Water Quality Volume (WQv) from the proposed parking area comprises of approximately 26.84% of the overall WQv for the entire property. This volume is equal to a 1.73-inch, 24-hour storm event from tributary area, which produces a flow rate of approximately 0.48-cfs*. The entire volume is treated via an existing AquaSwirl AS-2 hydrodynamic separator device, which is capable of treating up to 1.10-cfs. The existing device is also capable of bypassing the 25-year storm event from the watershed. *Water Quality routing calculations are contained within Section 8 of this report. The AquaSwirl Sizing Chart is contained within Section 9 of this report.*

**Note, the existing hydrodynamic separator also receives flows from watershed 2. For the water quality storm event the peak flow is 0.03 cfs.*

WATERSHED 2

P= 90% Rainfall 1.5 -inches

A_i = Impervious Area = 10,056 -square feet

A_i = 0.2309 -acres

A_t = Tributary Area = 10,755 -square feet

A_t = 0.2469 -acres

I = % Impervious = 93.50%

R_v= 0.05+0.009(I); where I = Percent Impervious written as a percent

R_v= 0.892 **(0.20 minimum)**

R_v= 0.892

$$WQ_v = \frac{(P \times R_v \times A_t)}{12} = 0.02751 \text{ acre-feet} = 1198.52 \text{ cubic feet}$$

Rainfall = 1.73 -inches → 1259 cubic feet OKAY

The Water Quality Volume (WQv) from the existing roof area comprises of approximately 26.84% of the overall WQv for the entire property. This volume is equal to a 1.73-inch, 24-hour storm event. The entire volume is treated via an existing Stormwater Planter, which was previously approved by the Village and was designed to treat the entire WQV from this watershed. The existing planter is also capable of bypassing the 25-year storm event from the watershed without overflow. *Water Quality routing calculations are contained within Section 8 of this report.*

WATERSHED 3A & 3B

P= 90% Rainfall 1.5 -inches

A_i = Impervious Area = 18,125 -square feet

A_i = 0.4161 -acres

A_t = Tributary Area = 19,389 -square feet

A_t = 0.4451 -acres

I = % Impervious = 93.48%

R_v= 0.05+0.009(I); where I = Percent Impervious written as a percent

R_v= 0.891 **(0.20 minimum)**

R_v= 0.891

$$WQ_v = \frac{(P \times R_v \times A_t)}{12} = 0.04959 \text{ acre-feet} = 2160.24 \text{ cubic feet}$$

Rainfall = 1.7 -inches → 2,195 cubic feet OKAY

The Water Quality Volume (WQv) from the proposed roof area comprises of approximately 46.00% of the overall WQv for the entire property. This volume is equal to a 1.73-inch, 24 hour storm event over the tributary area. This volume is treated via a proposed Stormwater Planter with a Focal Point biofilter system. The proposed planter is also capable of bypassing the 25-year storm event from the watershed without overflow. The FocalPoint biofilter system is approved as a proprietary practice for redevelopment under the NYSDEC guidelines. Additional information for this practice has been provided in *Section 10* of this report. *Water Quality routing calculations are contained within Section 8 of this report.*

100% of the Water Quality Volume is treated with a combination of a proposed stormwater planter for all new roof area, an existing stormwater planter for the existing roof area, and an AquaSwirl AS-2 hydrodynamic separator device for the existing/revised parking area. All practices have also been sized to bypass the 25-year storm event. Each practice is an approved Alternate SMP, as outlined in Section 9.4 of the NYSDEC Stormwater Management Design Manual.

I. NYSDEC TABLE 3.1 DESIGN REGULATIONS:

Each mitigation practice is contained in Table 3.1 of the NYSDEC design regulations and is discussed below.

- Preservation of Undisturbed Areas: Permanent conservation easements of undisturbed areas are not proposed for this site
- Preservation of Buffers. See above.
- Reduction of Clearing and Grading: All construction is occurring in areas previously disturbed.
- Locating Development in Less Sensitive Areas: No development is planned within sensitive areas.
- Open Space Design: Not applicable to this application.
- Soil Restoration: As required, all disturbed soil areas will be “deep tilled” prior to the establishment of ground cover. Deep tilling restores the absorptive quality of the soil.
- Roadway Reduction: No roadways are being proposed as part of this application.
- Sidewalk Reduction: All sidewalks have been designed to the minimum extent possible per the Village of Mamaroneck requirements, in order meet the required pedestrian traffic on and off-site.
- Driveway Reduction: All driveways have been designed to the minimum extent possible to provide adequate access for the proposed use.
- Cul-de-sac Reduction: No Cul-de-sacs are being proposed as part of this application.
- Building Footprint Reduction: The proposed building footprint is considered the minimum footprint desired for this use.
- Parking Reduction: Parking for the proposed use has been provided to the maximum extent possible.
- Conservation of Natural Areas: Not applicable to this application.
- Sheet Flow to riparian buffers or filter strips: Not applicable to this application.
- Vegetated Open Swale: An “O-Type Swale” is not applicable to this site.
- Tree Planting/Tree Boxes: Landscaped Islands have been provided wherever possible.
- Disconnection of Rooftop Runoff: Not applicable to this application.
- Stream Daylighting for Redevelopment Projects: Not applicable to this application.
- Rain Gardens: Due to the location of the property within the existing 100-year flood zone, standard exfiltration practices were determined to be ineffective for this application.
- Green Roof: Green roof technology could be incorporated into the design if desired, however, the required water quality volume is already being treated via existing and proposed stormwater planters and an existing hydrodynamic separator.
- Stormwater Planters: Stormwater Planters have been incorporated into the design to treat the runoff from both existing and proposed roof areas.

- Rain tank/Cistern: Rain tanks/Cisterns could be incorporated if desired.
- Porous Pavement: Porous Pavement could be incorporated into the design, however, due to the location of the property within the existing 100-year flood zone, standard exfiltration practices were determined to be ineffective for this application.

J. CONSTRUCTION PHASE

During the construction phase of the project, a sediment and erosion control plan shall be implemented in accordance with the New York State Department of Environmental Conservation's Best Management Practices (BMP). The primary goals of the sediment and erosion control plan are to prevent the tracking of dirt and mud onto adjacent roads, to prevent mud and silt from entering into existing and proposed drainage facilities, and to protect the receiving waters from contamination during the construction.

<u>During construction, the party responsible for implementing the temporary (during construction) Stormwater Management facilities Maintenance Program will be the owner. Contact information will be filed with the Village.</u>

A New York State Professional Engineer or Certified Professional In Erosion and Sediment Control (P.E. or CPESC) shall conduct an assessment of the site prior to the commencement of construction and certify in an inspection report that the appropriate erosion and sediment controls shown on the plan have been adequately installed and/or implemented to ensure overall preparedness of the site for construction. Following the commencement of construction, site inspections shall be conducted by the P.E. or CPESC at least every 7 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater.

During each inspection, the representative shall record the following:

1. On a site map, indicate the extent of all disturbed site areas and drainage pathways. Indicate site areas that are expected to undergo initial disturbance or significant site work within the next 14-day period;

2. Indicate on a site map all areas of the site that have undergone temporary or permanent stabilization;

3. Indicate all disturbed site areas that have not undergone active site work during the previous 14-day period;

4. Inspect all sediment control practices and record approximate degree of sediment accumulation as a percentage of the sediment storage volume;

5. Inspect all erosion and sediment control practices and record all maintenance requirements. Identify any evidence of rill or gully erosion occurring on slopes and any loss of stabilizing vegetation or seeding/mulching. Document any excessive deposition of sediment or

ponding water along the barrier. Record the depth of sediment within containment structures and any erosion near outlet and overflow structures.

6. All identified deficiencies.

The construction manager shall maintain a record of all inspection reports in a site logbook. The site logbook shall be maintained on-site and be made available to the Village of Mamaroneck. A summary of the site inspection activities shall be posted on a monthly basis in a public accessible location at the site.

The projects anticipated start date is Spring 2019 and the anticipated completed date is spring 2020.

K. CONSTRUCTION SEQUENCING

The following erosion control schedule shall be utilized:

1. Install construction entrance to the development area.
2. Establish construction staging area.
3. Selective vegetation removal for silt fence installation.
4. Install silt fence down slope of all areas to be disturbed as shown on the plan.
5. Strip topsoil and stockpile at the locations specified on the plans (up gradient of erosion control measures). Temporarily stabilize topsoil stockpiles (hydroseed during May 1st through October 31st planting season or by covering with a tarpaulin(s) November 1st through April 30th. Install silt fence around toe of slope.
6. Demolish any existing site features and/or structures noted as being removed on the construction documents, and dispose of off-site.
7. Rough grade site.
8. Install additional silt fencing as necessary.
9. Rough grade parking lot and install trench drains and drain inlets, as well as all associated onsite piping.
10. Obtain street opening permit for drainage connection to existing catch basin in Fenimore Road, as well as proposed curb cut widenings.
11. Install drainage work tributary to existing municipal catch basin in Fenimore Road up to location of proposed stormwater planter.

12. Excavate and construct foundations for new building.

13. Construct stormwater planter adjacent to building addition.

14. Construct building. Install and connect all roof drain leaders to previously installed stormwater planter.

15. Install curbing, and sub-base courses. Fine grade and seed all disturbed areas. Spread salt hay over seeded areas.

16. Install bituminous concrete top course.

17. Clean pavement, drain lines, catch basins and pretreatment devices. Clean exfiltration/attenuation galleries.

18. Remove all temporary soil erosion and sediment control measures after the site is stabilized with vegetation.

* Soil erosion and sediment control maintenance must occur weekly and prior to and after every ½" or greater rainfall event.

L. EROSION AND SEDIMENT CONTROL COMPONENTS

The primary aim of the soil and sediment control measures is to reduce soil erosion from areas stripped of vegetation during and after construction and to prevent silt from reaching the off-site drainage structures and downstream properties. As outlined in the Construction Sequencing schedule, the Sediment and Erosion Control Components are an integral component of the construction sequencing and will be implemented to control sedimentation and re-establish vegetation as soon as practicable.

Planned erosion and sedimentation control practices during construction include the installation, inspection and maintenance of the inlet protection, soil stockpile areas, diversion swales, sediment traps and silt fencing. General land grading practices, including land stabilization and construction sequencing are also integrated into the Sediment and Erosion Control Plan. Dust control is not expected to be a problem due to the relatively limited area of exposure, the undisturbed perimeter of trees around the project area and the relatively short time of exposure. Should excessive dust be generated, it will be controlled by sprinkling.

All proposed soil erosion and sediment control practices have been designed in accordance with the following publications:

- New York State standards and Specifications for Urban Erosion and Sediment Control, latest edition.

- New York State General Permit for Stormwater Discharges, GP-0-15-002 (General permit).

- "Reducing the Impacts of Stormwater Runoff from New Development", as published by the New York State Department of Environmental Conservation (NYSDEC), second edition, April, 1993.

The proposed soil erosion and sediment control devices include the planned erosion control practices outlined below. Maintenance procedures for each erosion control practice have also been outlined below.

- **SILT FENCE**

  Silt fence (geo-textile filter cloth) shall be placed in locations depicted on the approved plans. The purpose of the silt fence is to reduce the velocity of sediment laden stormwater from small drainage areas and to intercept the transported sediment load. In general, silt fence shall be used at the toe of slopes or intermediately within slopes where obvious channel concentration of stormwater is not present.

  Maintenance

  Silt fencing shall be inspected at a minimum of once per week and prior to and within 48 hours following a rain event ½" or greater. Inspections shall include ensuring that the fence material is tightly secured to the woven wire and the wire is secured to the wood posts. In addition, overlapping filter fabric shall be secure and the fabric shall be maintained a minimum of six (6) inches below grade. In the event that any "bulges" develop in the fence, that section of fence shall be replaced within 48 hours with new fence section. Any sediment build-up against the fence shall be removed within 48 hours and deposited on-site a minimum of 100 feet outside of any wetland or watercourse.

- **INLET PROTECTION**

  After driveway catch basins and surface inlets have been installed, these drain inlets will receive stormwater from the driveway, Temporary Diversion Swales and surrounding overland watersheds. In order to protect the receiving waters from sedimentation, the contractor shall install ¾ inch stone aggregate around the perimeter of all catch basins and surface inlets as illustrated on the approved plans. This barrier will allow stormwater to be filtered prior to reaching the basin inlet grate.

  Maintenance

  The stone aggregate shall be inspected weekly prior to and within 48 hours following a rain event ½" or greater. Care shall be taken to ensure that all stone aggregate are properly located and secure and do not become

displaced. The stone aggregate shall be inspected for accumulated sediments and any accumulated sediment shall be removed from the device and deposited not less than 100 feet from wetland or watercourse.

- **SOIL/SHOT ROCK STOCKPILING**

  All soil and shot rock stripped from the construction area during grubbing and mass grading shall be stockpiled in locations approved by the Town/Village's representative, but in no case shall they be placed within 100' of a wetland or watercourse. The stockpiled soils shall be re-used during finish-grading to provide a suitable growing medium for plant establishment. Soil stockpiles shall be protected from erosion by vegetating the stockpile with rapidly – germinating grass seed or covering the stockpile with tarpaulin and surrounding it with either silt fence.

  Maintenance

  Sediment controls (silt fence) surrounding the stockpiles shall be inspected according to the recommended maintenance outline above. All stockpiles shall be inspected for signs of erosion or problems with seed establishment weekly and prior to and within 48 hours following a rain event ½" or greater.

- **GENERAL LAND GRADING**

  The intent of the Erosion & Sediment Control Plan is to control disturbed areas such that soils are protected from erosion by temporary methods and, ultimately, by permanent vegetation. Where practicable, all cut and fill slopes shall be kept to a maximum slope of 2:1. In the event that a slope must exceed a 2:1 slope, it will be stabilized with stone riprap. On fill slopes, all material will be placed in layers not to exceed 12 inches in depth and adequately compacted. Where practicable, diversion swales shall be constructed on the top of all fill embankments to divert any overland flows away from the fill slopes.

- **SURFACE STABILIZATION**

  All disturbed will be protected from erosion with the use of vegetative measures (i.e., grass seed mix, sod) hydromulch netting or hay. When activities temporarily cease during construction, soil stockpiles and exposed soil should be stabilized by seed, mulch or other appropriate measures as soon as possible, but in no case more than 14 days after construction activity has ceased. All seeded areas will be re-seeded areas as necessary and mulch according to the site plan to maintain a vigorous, dense vegetative cover,

  Erosion control barriers consisting of silt fencing shall be placed around exposed areas during construction. Where exposed areas are immediately

uphill from a wetland or watercourse, the erosion control barrier will consist of double rows of silt fencing. Any areas stripped of vegetation during construction will be vegetated and/or mulch as soon as possible, but in no case more than 14 days to prevent erosion of the exposed soils. And topsoil removed during construction will be temporarily stockpiled for future use in grading and landscaping.

As mentioned above, temporary vegetation will be established to protect exposed soil areas during construction. If growing conditions are not suitable for the temporary vegetation, mulch will be used to the satisfaction of the Commissioner of Public Works. Materials that may be used for mulching include straw, hay, salt hay, wood fiber, synthetic soil stabilizers, mulch netting, sod or hydromulch. In site areas where significant erosion potential exists (steep slopes) and where specifically directed by the Town/Village's representative, Curlex Excelsior erosion control blankets (manufactured by American Excelsior, or approved equal) shall be installed. A permanent vegetative cover will be established upon completion of construction of those areas that have been brought to finish-grade and to remain undisturbed.

- **DEWATERING**

Prevent surface water and subsurface or ground water from flowing into excavations and trenches. Pump out any accumulated water.

Do not allow water to accumulate in excavations or trenches. Remove water from all excavations immediately to prevent softening of foundation bottoms, undercutting footings, and soil changes detrimental to the stability of subgrades and foundations. Furnish and maintain pumps, sumps, suction and discharge piping systems, and other system components necessary to convey the water away from the Site.

Convey water removed from excavations, and rain water, to collecting or run-off area. Cut and maintain temporary drainage ditches and provide other necessary diversions outside excavation limits for each structure. Do not use trench excavations as temporary drainage ditches.

Provide temporary controls to restrict the velocity of discharged water as necessary to prevent erosion and siltation of receiving areas.

M. CONSTRUCTION PRACTICES TO MINIMIZE STORMWATER CONTAMINATION

General:

Adequate measures shall be taken to minimize contaminant particles arising from the discharge of solid materials, including building materials, grading operations, and the reclamation and placement of pavement, during project construction, including but not limited to:

- Building materials, garbage, and debris shall be cleaned up daily and deposited into dumpsters, which will be periodically removed from the site and appropriately disposed of. All dumpsters and containers left on-site shall be covered and surrounded with silt fence in order to prevent contaminants from leaving the site. Silt fencing shall be inspected on a weekly basis.

- Dump trucks hauling material from the construction site will be covered with a tarpaulin.

- The paved street adjacent to the site entrance will be swept daily to remove excess mud, dirt, or rock tracked from the site.

- Petroleum products will be stored in tightly sealed containers that are clearly labeled.

- All vehicles on site will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage.

- All spills will be cleaned up immediately upon discovery. Spills large enough to reach the storm system will be reported to the National Response Center at 1-800-424-8802.

- Materials and equipment necessary for spill cleanup will be kept in the temporary material storage trailer onsite. Equipment will include, but not be limited to, brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, saw dust, and plastic and metal trash containers.

- All paint containers and curing compounds will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm system, but will be properly disposed according to the manufacturer’s instructions.

- Sanitary waste will be collected from portable units a minimum of two times a week to avoid overfilling. All sanitary waste units shall be surrounded by silt fence to prevent contaminants from leaving the site. Silt fencing shall be inspected on a weekly basis.

- Any asphalt substances used on-site will be applied according to the manufacturer's recommendation.

- Fertilizers will be stored in a covered shed and partially used bags will be transferred to a sealable bin to avoid spills and will be applied only in the minimum amounts recommended by the manufacturer and worked into the soil to limit exposure to stormwater.

- No disturbed area shall be left un-stabilized for longer than 14 days during the growing season.

- When erosion is likely to be a problem, grubbing operations shall be scheduled and performed such that grading operations and permanent erosion control features can follow within 24 hours thereafter.

- As work progresses, patch seeding shall be done as required on areas previously treated to maintain or establish protective cover.

- Drainage pipes and swales/ditches shall generally be constructed in a sequence from outlet to inlet in order to stabilize outlet areas and ditches before water is directed to the new installation or any portion thereof, unless conditions unique to the location warrant an alternative method.

Spill Control & Spill Response:

- For all hazardous materials stored on site, the manufacturer's recommended methods for spill clean up will be clearly posted. Site personnel will be made aware of the procedures, and the locations of the information and cleanup supplies.
- Appropriate cleanup materials and equipment will be maintained by the Contractor in the materials storage area on-site. As appropriate, equipment and materials may include items such as booms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for clean up purposes.
- All spills will be cleaned immediately after discovery and the materials disposed of properly.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- After a spill, a report will be prepared describing the spill, what caused it, and the cleanup measures taken. The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurring, as well as clean up instructions in the event of reoccurrences.
- The Contractor's site superintendent, responsible for day-to-day operations, will be the spill prevention and cleanup coordinator. The Contractor is responsible for ensuring that the site superintendent has had appropriate training for hazardous materials handling, spill management, and cleanup.

- The Contractor's site superintendent will be notified immediately when a spill or the threat of a spill is observed. The superintendent will assess the situation and determine the appropriate response.

- If spills represent an imminent threat of escaping erosion and sediment controls and entering receiving waters, personnel will be directed to respond immediately to contain the release and notify the superintendent after the situation has been stabilized.
- Spill kits containing appropriate materials and equipment for spill response and cleanup will be maintained by the Contractor at the site.
- If oil sheen is observed on surface water, action will be taken immediately to remove the material causing the sheen. The Contractor will use appropriate materials to contain and absorb the spill. The source of the oil sheen will also be identified and removed or repaired as necessary to prevent further releases.
- If a spill occurs the superintendent or the superintendent's designee will be responsible for completing the spill reporting form and for reporting the spill to the contacts listed below.
- Personnel with primary responsibility for spill response and clean up will receive training by the Contractor's site superintendent or designee. The training must include identifying the location of the spill kits and other spill response equipment and the use of spill response materials.
- Spill response equipment will be inspected and maintained as necessary to replace any materials used in spill response activities.

Spill Control Notification:

- A reportable spill is a quantity of five (5) gallons or more or any spill of oil which: (1) violates water quality standards, (2) produces a "sheen" on a surface water, or (3) causes a sludge or emulsion. This spill must be reported immediately to the agencies listed below.

- Any spill of oil or hazardous substance to waters of the state must be reported immediately by telephone to the following agencies:

  - 911 – Police, Fire and EMS
  - Village of Mamaroneck Engineering Department
    169 Mount Pleasant Avenue
    Phone: (914) 777-7731
  - Mamaroneck Fire Department
    123 Mamaroneck Avenue
    Phone: (914) 825-8777

- NYS Department of Environmental Conservation (NYSDEC)
  Spill Reporting Hotline
  (1800) 457–7362
- National Response Center: (1800) 424-8802
- Local Emergency Planning Committee (LEPC)
  Westchester County Office of Emergency Management
  200 Bradhurst Avenue
  Hawthorne, NY 10532
  (914) 864–5450
- Westchester County Department of Health (WCDOH)
  Spill Reporting Hotline
  (914) 813-5000
- U.S. Environmental Protection Agency (USEPA)
  EPCRA Information Hotline
  1(800) 535–0202
- U.S. Department of Labor and Occupational Safety and Health Administration (OSHA)
  Tarrytown, NY
  (914) 524–7510

N. STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM

The following maintenance plan has been developed to maintain the proper function of all drainage and erosion and sediment control facilities:

- Erosion & Sediment Control Maintenance:

  During the construction of the project, the site erosion and sediment control measures as well as basin embankments and outlet structures will be inspected by the project superintendent once a week and/or within 24 hours following a rainstorm ½" or greater. Any repairs required shall be performed in a timely manner. All sediment removal and/or repairs will be followed within 24 hours by re-vegetation. Remove sediment and correct erosion by re-seed eroded areas and gullies within 7 days.

- General Stormwater Facilities Maintenance (Storm Sewer, Catch Basins/Drain Inlets, Manholes, Pre-treatment Device)

  All stormwater facilities shall be inspected immediately after completion of construction, and then monthly for the first three (3) months following the completion of the Project. Within the first three (3) months, inspections shall immediately be performed following a large storm event (i.e. producing 1/2" (one-half inch) of rain or greater. Thereafter, these facilities shall be inspected as described as follows. Upon inspection, facilities shall be

immediately maintained and/or cleaned as may be required. Any site areas exhibiting soil erosion of any kind shall be immediately restored and stabilized with vegetation, mulch or stone, depending on the area to be stabilized.

Upon each inspection, all visible debris including, but not limited to, twigs, leaf and forest litter shall be removed from overflow discharge points and frames and grates of drainage structures.

- Sumps − Catch Basin/Drain Inlets and Drain Manholes

  All catch basin/drain inlets and drain manholes with sumps have been designed to trap sediment prior to its transport downstream. These sumps will require periodic inspection and maintenance to ensure that adequate depth is maintained within the sumps.

  All sumps shall be inspected once per month for the first three (3) months (after drainage system has been put into service). Thereafter, all sumps shall be inspected every four (4) months. The Owner, or their duly authorized representative, shall take measurements of the sump depth.

  If sediment has accumulated to 1/2 (one-half) the depth of the sump, all sediment shall be removed from the sump. Sediments can be removed with hand-labor or with a vacuum truck.

  The use of road salt shall be minimized for maintenance of roadway and driveway areas.

- Hydrodynamic Separator:

  The hydrodynamic separator (Aquaswirl AS-2 unit) shall be inspected every six (6) months (Spring and Fall) for excess sediment accumulation. During dry weather conditions, accumulated sediments shall be vacuumed out when sediment has reached 1/2 (one-half) the capacity of the isolated sump, or when an appreciable level of hydrocarbons and trash has accumulated, whichever occurs first.

  Upon completion of construction, the Aquaswirl Unit should be inspected quarterly during the first year in order to develop an appropriate schedule of maintenance. When the sediment pile is within 30 to 36 inches of the water surface, the system should be maintained. A vacuum truck shall be used to remove the accumulated sediment and debris. Refer to manufacturer's literature for detailed maintenance instructions.

- Stormwater Planter:

The stormwater planters shall be inspected twice within the first six (6) months, and after each storm event greater than 0.5-inches (Spring and Fall) for excess sediment accumulation and for surface ponding. After the first year, the planter shall be inspected every four (4) months and after storm events greater than the 1-year storm.

During dry weather conditions, all accumulated sediment shall be removed from the planter, and the existing topsoil shall be retiled to promote exfiltration of the stormwater thought the practice.

Routine maintenance activities shall be performed weekly, and shall include running and replacing dead or dying vegetation, plant thinning, and erosion repair.

- <u>FocalPoint Biofilter System:</u>

  The Focalpoint Biofilter System shall be inspected twice within the first six (6) months, and after each storm event greater than 1.0-inches (Spring and Fall) for excess sediment accumulation and for surface ponding. After the first year, the planter shall be inspected every six (6) months and after storm events greater than the 1-year storm.

  During dry weather conditions, all accumulated sediment shall be removed from the planter, and the existing topsoil shall be retiled to promote exfiltration of the stormwater thought the practice.

  Routine maintenance activities shall be performed weekly and shall include running and replacing dead or dying vegetation, plant thinning, and erosion repair.

  All maintenance shall be completed in accordance with the manufacturer's guidelines outlined in the Operations & Maintenance manual located in *Section 8* of this report.

O. CONCLUSION:

The stormwater management plan proposed meets and exceeds all the requirements set forth by the Village of Mamaroneck and the New York State Department of Environmental Conservation (NYSDEC) for redevelopment projects. Design modification requirements that may occur during the approval

process, will be performed and submitted for review to the Village of Mamaroneck.

3.) Extreme Precipitation Table

Extreme Precipitation Tables

Northeast Regional Climate Center

Data represents point estimates calculated from partial duration series. All precipitation amounts are displayed in inches.

Smoothing	Yes
State	New York
Location	
Longitude	73.743 degrees West
Latitude	40.950 degrees North
Elevation	0 feet
Date/Time	Fri, 19 Jan 2018 11:31:10 -0500

Extreme Precipitation Estimates

	5min	10min	15min	30min	60min	120min		1hr	2hr	3hr	6hr	12hr	24hr	48hr		1day	2day	4day	7day	10day	
1yr	0.34	0.51	0.64	0.84	1.05	1.31	**1yr**	0.90	1.23	1.50	1.86	2.31	2.86	3.22	**1yr**	2.53	3.10	3.58	4.31	4.94	**1yr**
2yr	0.41	0.63	0.78	1.02	1.28	1.59	**2yr**	1.11	1.50	1.83	2.26	2.80	3.45	3.87	**2yr**	3.05	3.72	4.27	5.07	5.75	**2yr**
5yr	0.47	0.74	0.92	1.24	1.58	2.00	**5yr**	1.37	1.85	2.31	2.86	3.52	4.31	4.89	**5yr**	3.82	4.70	5.45	6.38	7.13	**5yr**
10yr	0.53	0.84	1.06	1.43	1.86	2.37	**10yr**	1.61	2.18	2.75	3.41	4.19	5.11	5.84	**10yr**	4.53	5.62	6.56	7.59	8.38	**10yr**
25yr	0.62	0.98	1.25	1.73	2.31	2.97	**25yr**	1.99	2.69	3.45	4.30	5.28	6.41	7.40	**25yr**	5.67	7.11	8.37	9.56	10.39	**25yr**
50yr	0.70	1.13	1.45	2.02	2.72	3.53	**50yr**	2.35	3.17	4.11	5.11	6.27	7.60	8.85	**50yr**	6.73	8.51	10.08	11.38	12.23	**50yr**
100yr	0.80	1.29	1.66	2.36	3.21	4.19	**100yr**	2.77	3.73	4.89	6.09	7.46	9.02	10.58	**100yr**	7.99	10.18	12.13	13.55	14.41	**100yr**
200yr	0.91	1.48	1.91	2.75	3.79	4.98	**200yr**	3.27	4.40	5.82	7.26	8.88	10.72	12.66	**200yr**	9.48	12.18	14.62	16.13	16.97	**200yr**
500yr	1.09	1.79	2.33	3.38	4.73	6.24	**500yr**	4.08	5.48	7.32	9.14	11.18	13.47	16.06	**500yr**	11.92	15.45	18.71	20.33	21.08	**500yr**

Lower Confidence Limits

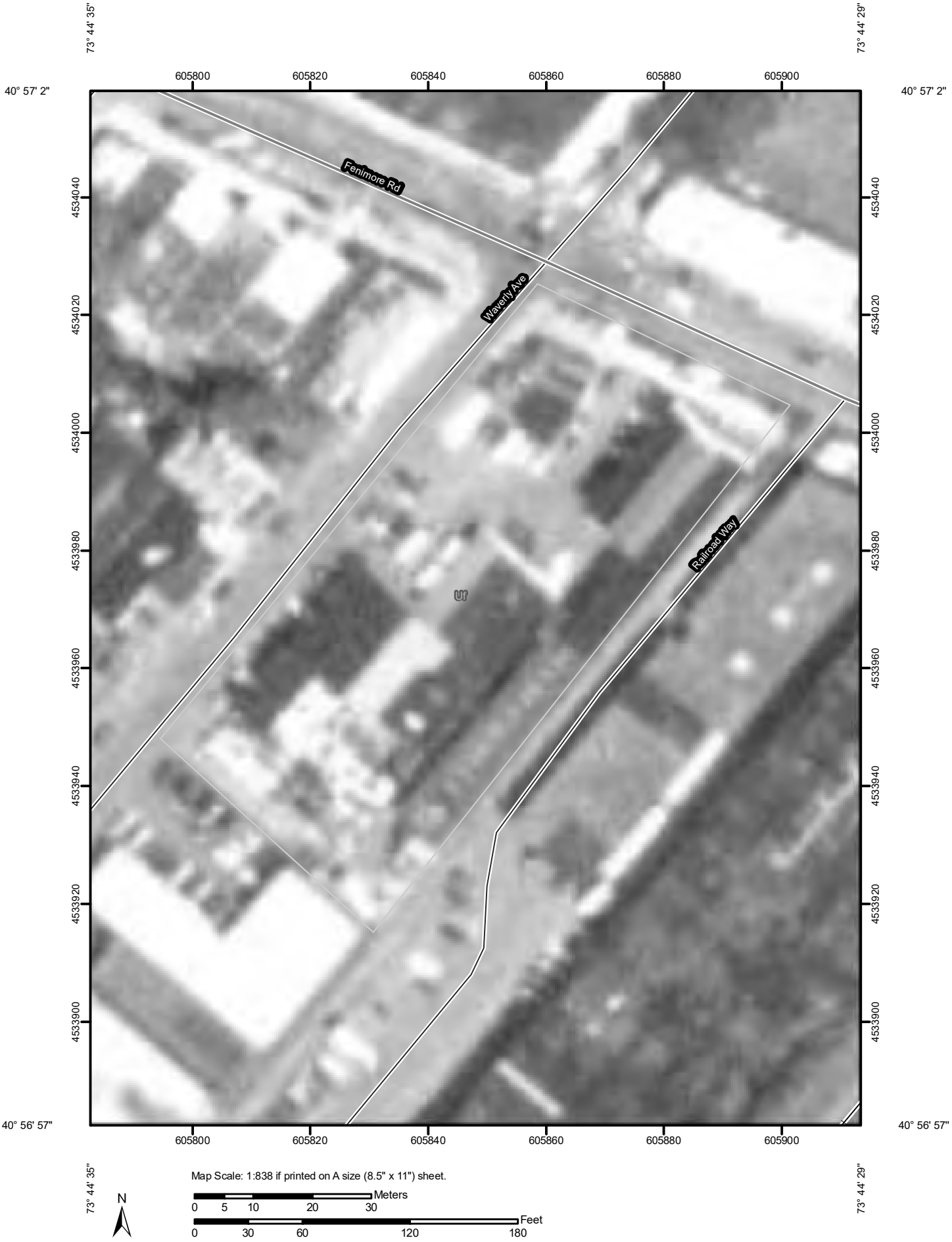
	5min	10min	15min	30min	60min	120min		1hr	2hr	3hr	6hr	12hr	24hr	48hr		1day	2day	4day	7day	10day	
1yr	0.25	0.39	0.47	0.63	0.78	0.88	**1yr**	0.67	0.86	1.27	1.54	1.96	2.58	2.97	**1yr**	2.29	2.86	3.31	3.97	4.58	**1yr**
2yr	0.39	0.61	0.75	1.01	1.25	1.50	**2yr**	1.08	1.47	1.71	2.19	2.73	3.35	3.76	**2yr**	2.97	3.61	4.14	4.93	5.61	**2yr**
5yr	0.44	0.68	0.84	1.16	1.47	1.79	**5yr**	1.27	1.75	2.02	2.57	3.20	4.03	4.54	**5yr**	3.56	4.37	5.06	5.95	6.70	**5yr**
10yr	0.49	0.75	0.93	1.31	1.69	2.04	**10yr**	1.46	1.99	2.29	2.91	3.58	4.62	5.21	**10yr**	4.09	5.01	5.90	6.82	7.63	**10yr**
25yr	0.56	0.85	1.06	1.52	1.99	2.42	**25yr**	1.72	2.36	2.71	3.42	4.15	5.53	6.22	**25yr**	4.90	5.98	7.22	8.17	9.07	**25yr**
50yr	0.62	0.94	1.17	1.69	2.27	2.73	**50yr**	1.96	2.67	3.09	3.89	4.59	6.32	7.11	**50yr**	5.60	6.83	8.44	9.34	10.35	**50yr**
100yr	0.69	1.05	1.31	1.90	2.60	3.09	**100yr**	2.24	3.02	3.54	4.43	5.12	7.23	8.11	**100yr**	6.40	7.80	9.85	10.69	11.80	**100yr**
200yr	0.78	1.17	1.48	2.15	3.00	3.52	**200yr**	2.59	3.44	4.06	5.05	5.68	8.27	9.27	**200yr**	7.32	8.91	11.52	12.23	13.47	**200yr**
500yr	0.91	1.36	1.75	2.54	3.62	4.22	**500yr**	3.12	4.12	4.88	6.08	8.37	9.87	11.05	**500yr**	8.73	10.63	14.20	14.60	16.05	**500yr**

Upper Confidence Limits

	5min	10min	15min	30min	60min	120min		1hr	2hr	3hr	6hr	12hr	24hr	48hr		1day	2day	4day	7day	10day	
1yr	0.37	0.58	0.71	0.95	1.17	1.38	**1yr**	1.01	1.35	1.63	2.14	2.61	3.13	3.48	**1yr**	2.77	3.35	3.85	4.63	5.26	**1yr**
2yr	0.42	0.65	0.80	1.08	1.33	1.63	**2yr**	1.15	1.59	1.90	2.38	3.01	3.55	4.03	**2yr**	3.15	3.87	4.40	5.25	5.93	**2yr**
5yr	0.51	0.78	0.97	1.33	1.70	1.99	**5yr**	1.46	1.95	2.32	3.03	3.75	4.61	5.23	**5yr**	4.08	5.03	5.85	6.83	7.56	**5yr**
10yr	0.60	0.92	1.14	1.59	2.05	2.38	**10yr**	1.77	2.33	2.81	3.67	4.53	5.63	6.42	**10yr**	4.98	6.17	7.25	8.37	9.12	**10yr**
25yr	0.74	1.12	1.40	2.00	2.63	3.01	**25yr**	2.27	2.94	3.64	4.74	5.83	7.31	8.41	**25yr**	6.47	8.09	9.64	10.99	11.68	**25yr**
50yr	0.86	1.32	1.64	2.35	3.17	3.61	**50yr**	2.73	3.52	4.42	5.76	7.06	8.95	10.32	**50yr**	7.92	9.92	11.95	13.50	14.09	**50yr**
100yr	1.02	1.54	1.93	2.79	3.82	4.31	**100yr**	3.30	4.21	5.36	7.00	8.55	10.93	12.68	**100yr**	9.68	12.20	14.82	16.57	17.01	**100yr**
200yr	1.20	1.80	2.29	3.31	4.62	5.16	**200yr**	3.98	5.04	6.49	8.49	10.36	13.35	15.61	**200yr**	11.82	15.01	18.37	20.38	20.52	**200yr**
500yr	1.50	2.23	2.87	4.16	5.92	6.52	**500yr**	5.11	6.37	8.38	10.97	13.30	17.43	20.55	**500yr**	15.42	19.76	24.41	26.80	26.31	**500yr**

4.) Soils Maps & Soils Data

Soil Map—Westchester County, New York
(416 Waverly Avenue)



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Oceans
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:838 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:12,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 18N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Westchester County, New York
Survey Area Data: Version 4, Dec 14, 2006

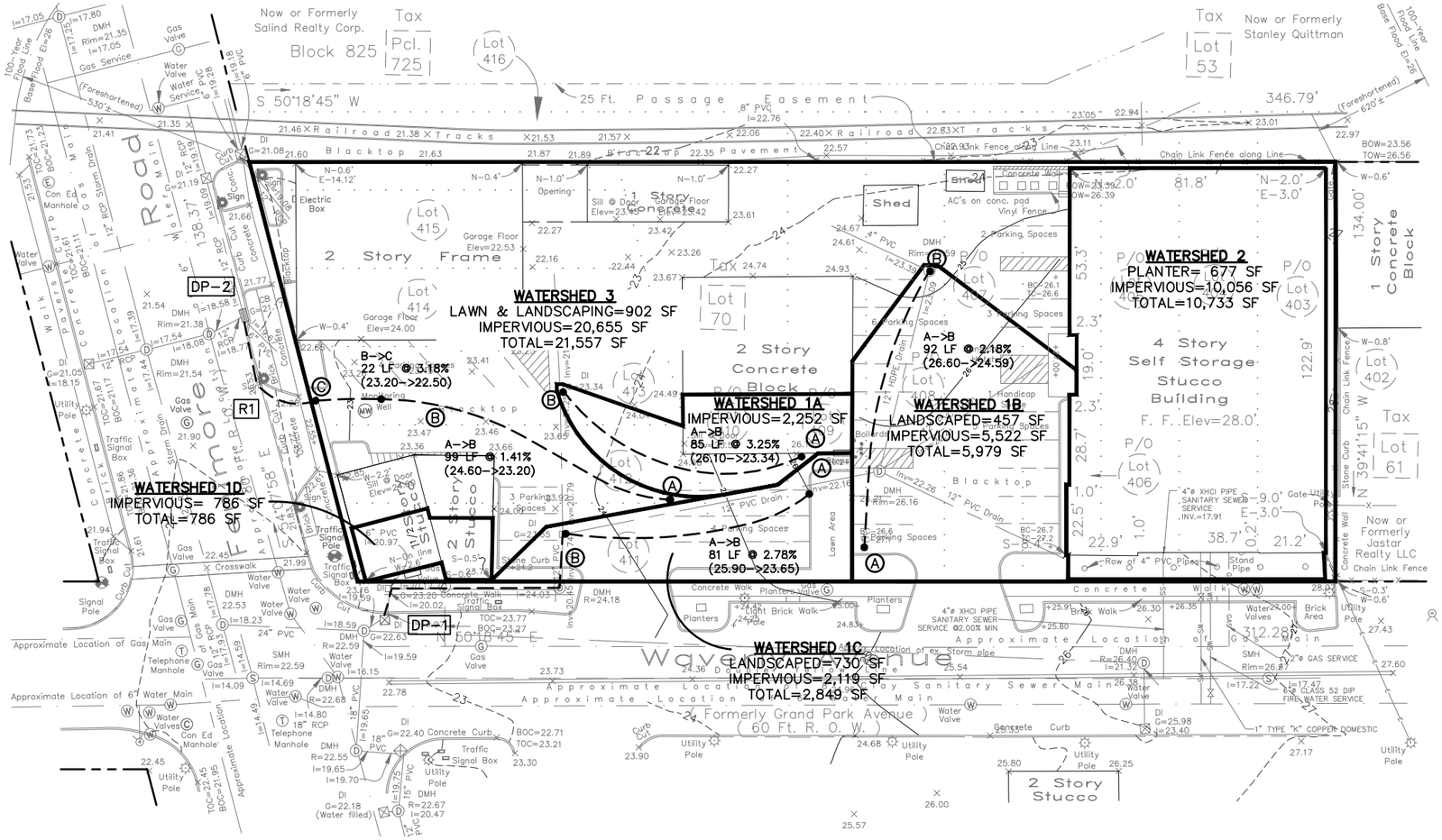
Date(s) aerial images were photographed: 7/31/2006

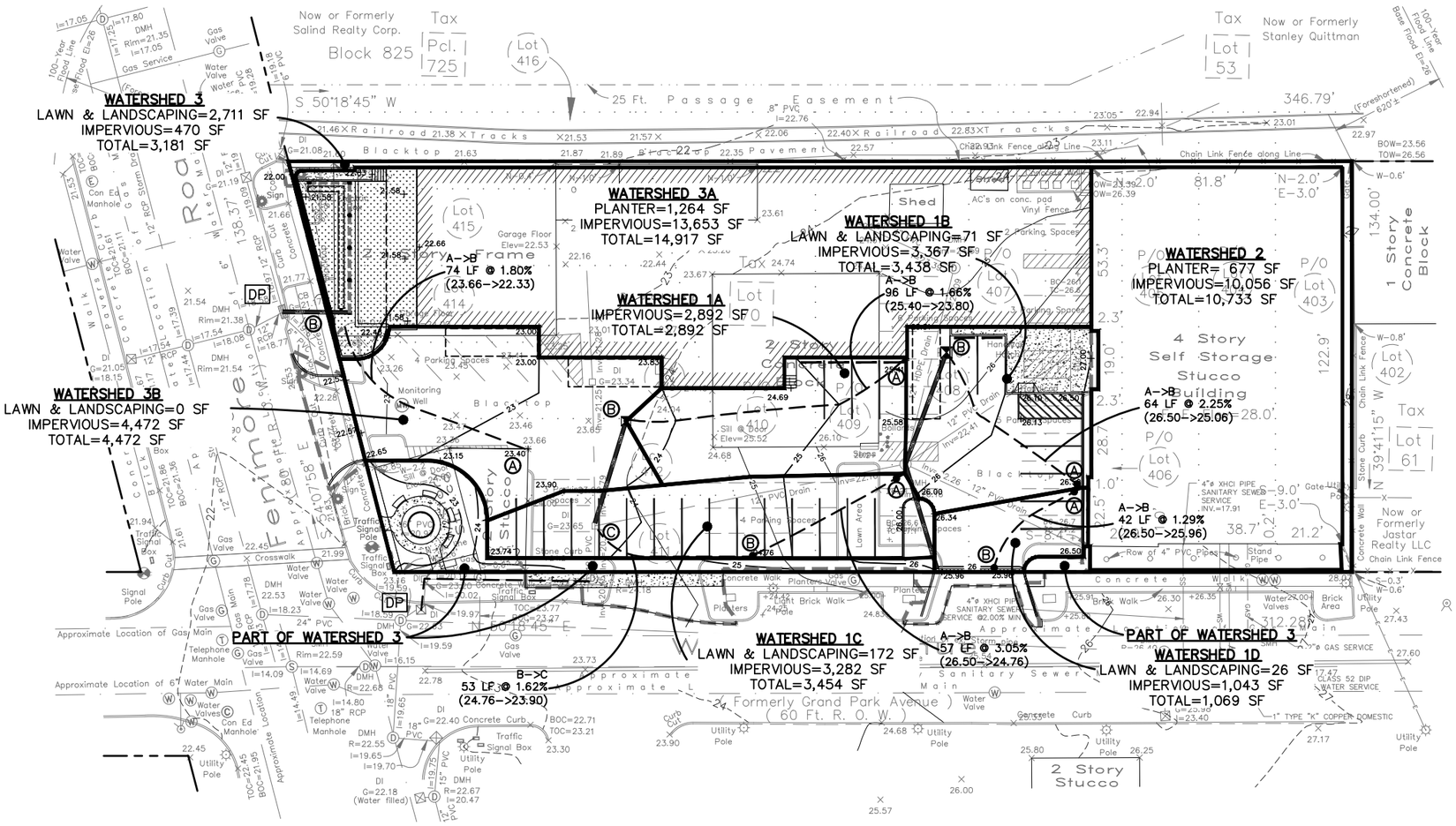
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

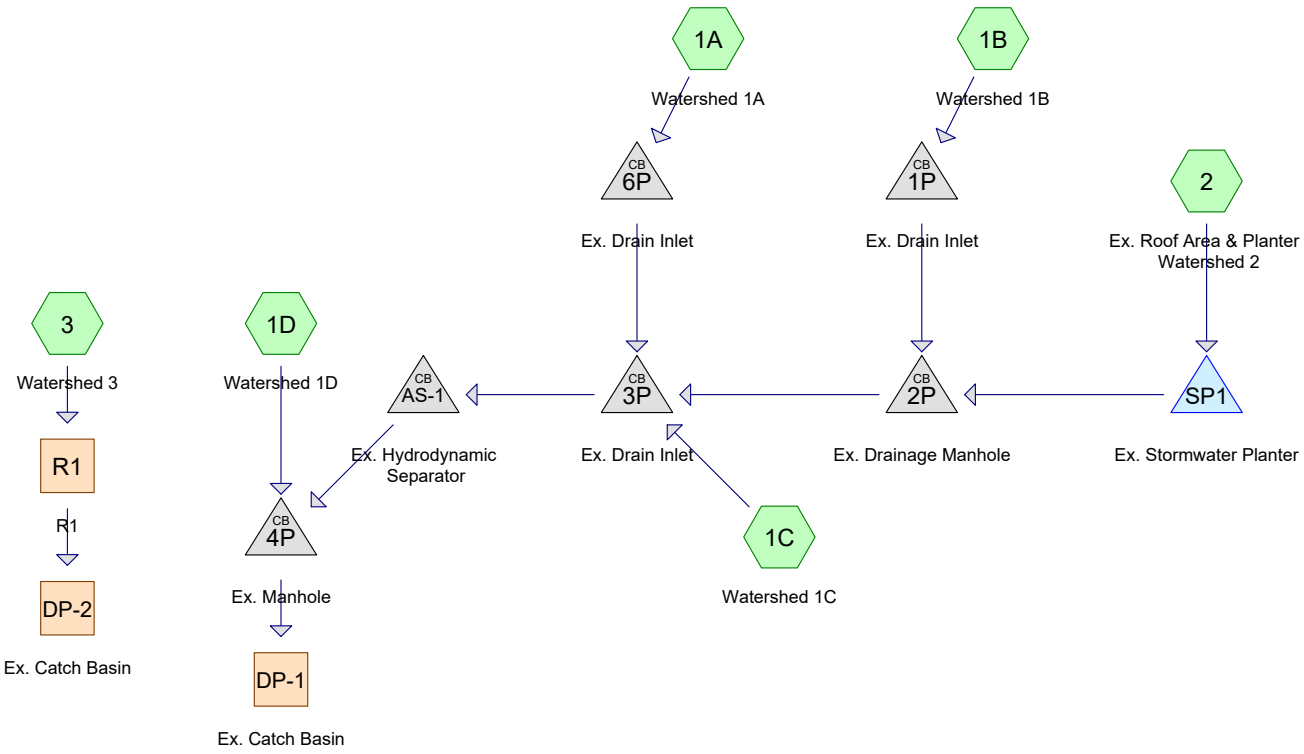
Westchester County, New York (NY119)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
Uf	Urban land	1.3	100.0%
Totals for Area of Interest		**1.3**	**100.0%**

5.) Watershed Maps


WATERSHED 1A
IMPERVIOUS=2,252 SF
A->B
85 LF @ 3.25%
(26.10->23.34)
WATERSHED 1B
LANDSCAPED=457 SF
IMPERVIOUS=5,522 SF
TOTAL=5,979 SF
WATERSHED 1C
LANDSCAPED=730 SF
IMPERVIOUS=2,119 SF
TOTAL=2,849 SF
WATERSHED 1D
IMPERVIOUS= 786 SF
TOTAL=786 SF
WATERSHED 2
PLANTER= 677 SF
IMPERVIOUS=10,056 SF
TOTAL=10,733 SF
WATERSHED 3
LAWN & LANDSCAPING=902 SF
IMPERVIOUS=20,655 SF
TOTAL=21,557 SF
A->B
92 LF @ 2.18%
(26.60->24.59)
B->C
22 LF @ 3.18%
(23.20->22.50)
A->B
99 LF @ 1.41%
(24.60->23.20)
A->B
81 LF @ 2.78%
(25.90->23.65)
DP-1
DP-2
R1
Now or Formerly Salind Realty Corp.
Block 825 Tax Pcl. 725
Lot 416
Now or Formerly Stanley Quittman
Tax Lot 53
25 Ft. Passage Easement
S 50°18'45" W
N 50°18'45" E
346.79'
(Foreshortened) 530'±
(Foreshortened) 620'±
Railroad Tracks
Blacktop
Concrete
Pavement
Road
Waverly Avenue
(Formerly Grand Park Avenue)
(60 Ft. R. O. W.)
2 Story Frame
1 Story Concrete
2 Story Concrete Block
2 Story Stucco
4 Story Self Storage Stucco Building
F. F. Elev=28.0'
Shed
Lot 415
Lot 414
Lot 70
Lot 413
Lot 410
Lot 409
Lot 408
Lot 407
Lot 406
Lot 403
Lot 402
Lot 61
Lot 41
P/O Lot 403
P/O Lot 406
Garage Floor Elev=22.53
Garage Floor Elev=24.00
Sill @ Door Elev=23.42
Garage Floor Elev=23.42
Monitoring Well (MW)
Electric Box
Sign
Water Valve
Gas Valve
Gas Service
Water Service
Water Gate
Con Ed Manhole
Telephone Manhole
Traffic Signal Box
Traffic Signal Pole
Utility Pole
Signal Pole
Crosswalk
Curb Cut
Concrete Curb
Stone Curb
Brick Curb
Concrete Walk
Brick Walk
Light Brick Walk
Planters
Planters Valve
Chain Link Fence along Line
Concrete Wall
Stone Curb
Stone Area
Lawn Area
Shed
AC's on conc. pad
Vinyl Fence
2 Parking Spaces
3 Parking Spaces
6 Parking Spaces
1 Handicap Parking Space
Boilers
Row of 4" PVC Pipes
Stand Pipe
Gate-Utility Pole
Now or Formerly Jastar Realty LLC
Chain Link Fence
Approximate Location of Gas Main
Approximate Location of 6" Water Main
Approximate Location of ex. Storm pipe
Approximate Location of Gas Main
Approximate Location of Gas Main
Approximate Location of Gas Main


WATERSHED 3
LAWN & LANDSCAPING=2,711 SF
IMPERVIOUS=470 SF
TOTAL=3,181 SF
WATERSHED 3A
PLANTER=1,264 SF
IMPERVIOUS=13,653 SF
TOTAL=14,917 SF
WATERSHED 1B
LAWN & LANDSCAPING=71 SF
IMPERVIOUS=3,367 SF
TOTAL=3,438 SF
WATERSHED 2
PLANTER= 677 SF
IMPERVIOUS=10,056 SF
TOTAL=10,733 SF
WATERSHED 1A
IMPERVIOUS=2,892 SF
TOTAL=2,892 SF
WATERSHED 3B
LAWN & LANDSCAPING=0 SF
IMPERVIOUS=4,472 SF
TOTAL=4,472 SF
WATERSHED 1C
LAWN & LANDSCAPING=172 SF
IMPERVIOUS=3,282 SF
TOTAL=3,454 SF
WATERSHED 1D
LAWN & LANDSCAPING=26 SF
IMPERVIOUS=1,043 SF
TOTAL=1,069 SF
PART OF WATERSHED 3
PART OF WATERSHED 3
A->B
74 LF @ 1.80%
(23.66->22.33)
A->B
96 LF @ 1.66%
(25.40->23.80)
A->B
64 LF @ 2.25%
(26.50->25.06)
A->B
42 LF @ 1.29%
(26.50->25.96)
A->B
57 LF @ 3.05%
(26.50->24.76)
B->C
53 LF @ 1.62%
(24.76->23.90)
Now or Formerly
Salind Realty Corp.
Tax Block 825 Pcl. 725
Lot 416
Now or Formerly
Stanley Quittman
Tax Lot 53
S 50°18'45" W
25 Ft. Passage Easement
346.79'
(Foreshortened)
620'±
Railroad Tracks
Blacktop Pavement
Chain Link Fence along Line
100-Year Flood Line
Base Flood Elev=26
Lot 415
Lot 414
Lot 410
Lot 409
Lot 408
Lot 407
Lot 406
Lot 403
Lot 402
Lot 61
Garage Floor Elev=22.53
4 Parking Spaces
Shed
AC's on conc. pad
Vinyl Fence
Parking Spaces
4 Story Self Storage Stucco Building
1 Story Concrete Block
2 Story Stucco
Now or Formerly Jastar Realty LLC
Chain Link Fence
Monitoring (MW) Well
Traffic Signal Box
Traffic Signal Pole
Signal Pole
Gas Valve
Water Valve
Con Ed Manhole
Telephone Manhole
Utility Pole
Approximate Location of Gas Main
Approximate Location of 6" Water Main
Approximate Location of Sanitary Sewer Main
Formerly Grand Park Avenue
(60 Ft. R. O. W.)
Fenimore Road
Concrete Walk
Brick Walk
Planters
Light Pole
Stone Curb
Concrete Curb
Curb Cut
Lawn Area
Row of 4" PVC Pipes
4"ø XHCI PIPE SANITARY SEWER SERVICE INV.=17.91
4"ø XHCI PIPE SANITARY SEWER SERVICE @2.00% MIN
6" GAS SERVICE
1" TYPE "K" COPPER DOMESTIC WATER SERVICE
CLASS 52 DIP
Water Valves
Brick Area
Gate Valve
Stand Pipe
BOW=23.56
TOW=26.56
BOW=23.39
TOW=26.39
BOW=23.40
TOW=26.40
DP
Sign
Monument
Box
Manhole
Inlet
Catch Basin
Drywell
Sump
Hydrant
Hand Hole
Pull Box
Stand Pipe
Gate Valve
Water Valves
Brick Area
Utility Pole
Light Pole
Concrete Wall
Chain Link Fence
Row of 4" PVC Pipes
Stone Curb
Concrete Curb
Curb Cut
Lawn Area
Planters
Concrete Walk
Brick Walk
Approximate Location of Sanitary Sewer Main
Formerly Grand Park Avenue
(60 Ft. R. O. W.)
Fenimore Road
Concrete Curb
Traffic Signal Box
Traffic Signal Pole
Signal Pole
Gas Valve
Water Valve
Con Ed Manhole
Telephone Manhole
Utility Pole
Approximate Location of Gas Main
Approximate Location of 6" Water Main
Monitoring (MW) Well
Concrete Curb
Curb Cut
Lawn Area
Planters
Concrete Walk
Brick Walk
Light Pole
Stone Curb
Concrete Wall
Chain Link Fence
Row of 4" PVC Pipes
4"ø XHCI PIPE SANITARY SEWER SERVICE INV.=17.91
4"ø XHCI PIPE SANITARY SEWER SERVICE @2.00% MIN
6" GAS SERVICE
1" TYPE "K" COPPER DOMESTIC WATER SERVICE
CLASS 52 DIP
Water Valves
Brick Area
Gate Valve
Stand Pipe
Utility Pole
Light Pole

6.) Pre-Developed Analysis of the 1-, 10-, and 25-year Extreme Storm Events



Subcat Reach Pond Link

Routing Diagram for Existing Condition
Prepared by Hudson Engineering & Consulting
HydroCAD® 10.10-7c s/n 02549 © 2022 HydroCAD Software Solutions LLC

Summary for Subcatchment 1A: Watershed 1A

Runoff = 0.17 cfs @ 12.01 hrs, Volume= 493 cf, Depth= 2.63"
Routed to Pond 6P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
*	2,252	98	Parking Lot & part of building
	2,252		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.8	85	0.0325	1.68		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1B: Watershed 1B

Runoff = 0.44 cfs @ 12.02 hrs, Volume= 1,255 cf, Depth= 2.52"
Routed to Pond 1P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
	457	79	50-75% Grass cover, Fair, HSG C
*	5,522	98	Parking Lot
	5,979	97	Weighted Average
	457		7.64% Pervious Area
	5,522		92.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.1	92	0.0218	1.45		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1C: Watershed 1C

Runoff = 0.19 cfs @ 12.01 hrs, Volume= 503 cf, Depth= 2.12"
Routed to Pond 3P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
	730	79	50-75% Grass cover, Fair, HSG C
*	2,119	98	Parking Lot
	2,849	93	Weighted Average
	730		25.62% Pervious Area
	2,119		74.38% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.9	81	0.0277	1.56		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1D: Watershed 1D

Runoff = 0.06 cfs @ 12.01 hrs, Volume= 172 cf, Depth= 2.63"
Routed to Pond 4P : Ex. Manhole

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
*	786	98	
	786		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 2: Ex. Roof Area & Planter Watershed 2

Runoff = 0.80 cfs @ 12.01 hrs, Volume= 2,254 cf, Depth= 2.52"
Routed to Pond SP1 : Ex. Stormwater Planter

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
*	10,056	98	Roof
*	677	79	Planter
	10,733	97	Weighted Average
	677		6.31% Pervious Area
	10,056		93.69% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3: Watershed 3

Runoff = 1.58 cfs @ 12.02 hrs, Volume= 4,526 cf, Depth= 2.52"
Routed to Reach R1 : R1

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
	902	79	50-75% Grass cover, Fair, HSG C
*	20,655	98	Parking Lot & Buildings
	21,557	97	Weighted Average
	902		4.18% Pervious Area
	20,655		95.82% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.3	99	0.0141	1.24		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"
0.1	22	0.0318	3.62		**Shallow Concentrated Flow, B->C** Paved Kv= 20.3 fps
1.4	121	Total			

Summary for Reach DP-1: Ex. Catch Basin

Inflow Area = 22,599 sf, 91.75% Impervious, Inflow Depth = 2.48" for 1-Year event
Inflow = 0.89 cfs @ 12.01 hrs, Volume= 4,678 cf
Outflow = 0.89 cfs @ 12.01 hrs, Volume= 4,678 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs

Summary for Reach DP-2: Ex. Catch Basin

Inflow Area = 21,557 sf, 95.82% Impervious, Inflow Depth = 2.52" for 1-Year event
Inflow = 1.58 cfs @ 12.02 hrs, Volume= 4,526 cf
Outflow = 1.58 cfs @ 12.02 hrs, Volume= 4,526 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs

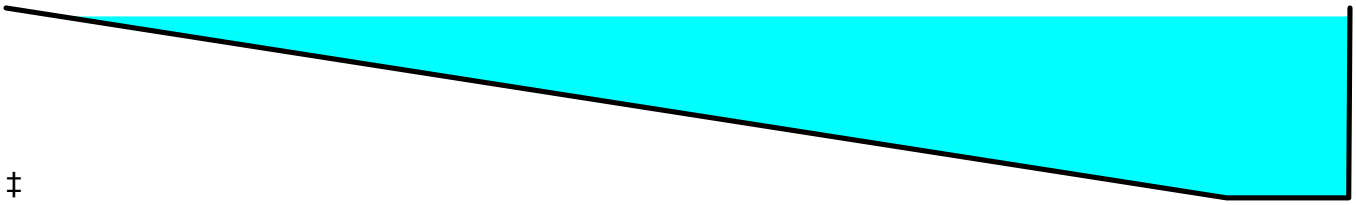
Summary for Reach R1: R1

Inflow Area = 21,557 sf, 95.82% Impervious, Inflow Depth = 2.52" for 1-Year event
Inflow = 1.58 cfs @ 12.02 hrs, Volume= 4,526 cf
Outflow = 1.58 cfs @ 12.02 hrs, Volume= 4,526 cf, Atten= 0%, Lag= 0.2 min
Routed to Reach DP-2 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Max. Velocity= 2.86 fps, Min. Travel Time= 0.2 min
Avg. Velocity = 1.01 fps, Avg. Travel Time= 0.7 min

Peak Storage= 23 cf @ 12.02 hrs
Average Depth at Peak Storage= 0.10' , Surface Width= 10.56'
Bank-Full Depth= 0.10' Flow Area= 0.6 sf, Capacity= 1.77 cfs

1.00' x 0.10' deep channel, n= 0.013 Asphalt, smooth
Side Slope Z-value= 100.0 0.1 '/' Top Width= 11.01'
Length= 41.0' Slope= 0.0324 '/'
Inlet Invert= 22.50', Outlet Invert= 21.17'



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Summary for Pond 1P: Ex. Drain Inlet

Inflow Area = 5,979 sf, 92.36% Impervious, Inflow Depth = 2.52" for 1-Year event
Inflow = 0.44 cfs @ 12.02 hrs, Volume= 1,255 cf
Outflow = 0.44 cfs @ 12.02 hrs, Volume= 1,255 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.44 cfs @ 12.02 hrs, Volume= 1,255 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 23.47' @ 12.02 hrs
Flood Elev= 24.90'

Device	Routing	Invert	Outlet Devices
#1	Primary	23.09'	**12.0" Round 12" HDPE** L= 65.3' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.09' / 22.26' S= 0.0127 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.44 cfs @ 12.02 hrs HW=23.46' TW=22.55' (Dynamic Tailwater)
↑—**1=12" HDPE** (Inlet Controls 0.44 cfs @ 1.64 fps)

Summary for Pond 2P: Ex. Drainage Manhole

Inflow Area = 16,712 sf, 93.21% Impervious, Inflow Depth = 2.52" for 1-Year event
Inflow = 0.47 cfs @ 12.02 hrs, Volume= 3,509 cf
Outflow = 0.47 cfs @ 12.02 hrs, Volume= 3,509 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.47 cfs @ 12.02 hrs, Volume= 3,509 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 22.55' @ 12.02 hrs
Flood Elev= 26.50'

Device	Routing	Invert	Outlet Devices
#1	Primary	22.16'	**12.0" Round 12" PVC** L= 101.5' CPP, projecting, no headwall, Ke= 0.900

Inlet / Outlet Invert= 22.16' / 20.74' S= 0.0140 '/' Cc= 0.900
n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.47 cfs @ 12.02 hrs HW=22.55' TW=21.27' (Dynamic Tailwater)
1=12" PVC (Inlet Controls 0.47 cfs @ 1.67 fps)

Summary for Pond 3P: Ex. Drain Inlet

Inflow Area = 21,813 sf, 91.45% Impervious, Inflow Depth = 2.48" for 1-Year event
Inflow = 0.84 cfs @ 12.01 hrs, Volume= 4,506 cf
Outflow = 0.84 cfs @ 12.01 hrs, Volume= 4,506 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.84 cfs @ 12.01 hrs, Volume= 4,506 cf
Routed to Pond AS-1 : Ex. Hydrodynamic Separator

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 21.27' @ 12.01 hrs
Flood Elev= 23.90'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.74'	**12.0" Round 12" PVC** L= 14.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.74' / 20.45' S= 0.0207 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.83 cfs @ 12.01 hrs HW=21.27' TW=20.97' (Dynamic Tailwater)
1=12" PVC (Inlet Controls 0.83 cfs @ 1.96 fps)

Summary for Pond 4P: Ex. Manhole

Inflow Area = 22,599 sf, 91.75% Impervious, Inflow Depth = 2.48" for 1-Year event
Inflow = 0.89 cfs @ 12.01 hrs, Volume= 4,678 cf
Outflow = 0.89 cfs @ 12.01 hrs, Volume= 4,678 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.89 cfs @ 12.01 hrs, Volume= 4,678 cf
Routed to Reach DP-1 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 20.59' @ 12.01 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.02'	**15.0" Round Ex. 15" HDPE** L= 8.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.02' / 19.97' S= 0.0063 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 1.23 sf

Primary OutFlow Max=0.89 cfs @ 12.01 hrs HW=20.59' TW=0.00' (Dynamic Tailwater)
1=Ex. 15" HDPE (Barrel Controls 0.89 cfs @ 2.39 fps)

Summary for Pond 6P: Ex. Drain Inlet

Inflow Area = 2,252 sf,100.00% Impervious, Inflow Depth = 2.63" for 1-Year event
Inflow = 0.17 cfs @ 12.01 hrs, Volume= 493 cf
Outflow = 0.17 cfs @ 12.01 hrs, Volume= 493 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.17 cfs @ 12.01 hrs, Volume= 493 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 21.49' @ 12.02 hrs
Flood Elev= 23.50'

Device	Routing	Invert	Outlet Devices
#1	Primary	21.25'	**12.0" Round 12" PVC** L= 45.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 21.25' / 20.79' S= 0.0102 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.17 cfs @ 12.01 hrs HW=21.49' TW=21.27' (Dynamic Tailwater)
1=12" PVC (Outlet Controls 0.17 cfs @ 1.76 fps)

Summary for Pond AS-1: Ex. Hydrodynamic Separator

Inflow Area = 21,813 sf, 91.45% Impervious, Inflow Depth = 2.48" for 1-Year event
Inflow = 0.84 cfs @ 12.01 hrs, Volume= 4,506 cf
Outflow = 0.84 cfs @ 12.01 hrs, Volume= 4,506 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.84 cfs @ 12.01 hrs, Volume= 4,506 cf
Routed to Pond 4P : Ex. Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 20.97' @ 12.02 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.45'	**15.0" Round Ex. 15" RCP** L= 54.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.45' / 20.12' S= 0.0061 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 1.23 sf

Primary OutFlow Max=0.82 cfs @ 12.01 hrs HW=20.97' TW=20.59' (Dynamic Tailwater)
1=Ex. 15" RCP (Outlet Controls 0.82 cfs @ 2.50 fps)

Summary for Pond SP1: Ex. Stormwater Planter

Inflow Area = 10,733 sf, 93.69% Impervious, Inflow Depth = 2.52" for 1-Year event
Inflow = 0.80 cfs @ 12.01 hrs, Volume= 2,254 cf
Outflow = 0.20 cfs @ 12.33 hrs, Volume= 2,254 cf, Atten= 75%, Lag= 18.7 min
Primary = 0.20 cfs @ 12.33 hrs, Volume= 2,254 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs

Peak Elev= 27.77' @ 12.33 hrs Surf.Area= 677 sf Storage= 861 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 209.2 min (973.5 - 764.3)

Volume	Invert	Avail.Storage	Storage Description
#1	26.50'	1,016 cf	**Custom Stage Data (Prismatic)**Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
26.50	677	0	0
28.00	677	1,016	1,016

Device	Routing	Invert	Outlet Devices
#1	Primary	23.50'	**12.0" Round Culvert** L= 64.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.50' / 21.33' S= 0.0339 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf
#2	Device 1	27.75'	**6.0" Horiz. Orifice/Grate X 10.00** C= 0.600 Limited to weir flow at low heads
#3	Device 1	26.50'	**2.000 in/hr Exfiltration over Surface area**

Primary OutFlow Max=0.20 cfs @ 12.33 hrs HW=27.77' TW=22.47' (Dynamic Tailwater)
└─**1=Culvert** (Passes 0.20 cfs of 5.80 cfs potential flow)
  ├─**2=Orifice/Grate** (Weir Controls 0.17 cfs @ 0.48 fps)
  └─**3=Exfiltration** (Exfiltration Controls 0.03 cfs)

Summary for Subcatchment 1A: Watershed 1A

Runoff = 0.31 cfs @ 12.01 hrs, Volume= 914 cf, Depth= 4.87"
Routed to Pond 6P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
*	2,252	98	Parking Lot & part of building
	2,252		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.8	85	0.0325	1.68		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1B: Watershed 1B

Runoff = 0.81 cfs @ 12.02 hrs, Volume= 2,370 cf, Depth= 4.76"
Routed to Pond 1P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
	457	79	50-75% Grass cover, Fair, HSG C
*	5,522	98	Parking Lot
	5,979	97	Weighted Average
	457		7.64% Pervious Area
	5,522		92.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.1	92	0.0218	1.45		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1C: Watershed 1C

Runoff = 0.37 cfs @ 12.01 hrs, Volume= 1,022 cf, Depth= 4.31"
Routed to Pond 3P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
	730	79	50-75% Grass cover, Fair, HSG C
*	2,119	98	Parking Lot
	2,849	93	Weighted Average
	730		25.62% Pervious Area
	2,119		74.38% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.9	81	0.0277	1.56		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1D: Watershed 1D

Runoff = 0.11 cfs @ 12.01 hrs, Volume= 319 cf, Depth= 4.87"
Routed to Pond 4P : Ex. Manhole

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
*	786	98	
	786		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 2: Ex. Roof Area & Planter Watershed 2

Runoff = 1.46 cfs @ 12.01 hrs, Volume= 4,254 cf, Depth= 4.76"
Routed to Pond SP1 : Ex. Stormwater Planter

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
*	10,056	98	Roof
*	677	79	Planter
	10,733	97	Weighted Average
	677		6.31% Pervious Area
	10,056		93.69% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3: Watershed 3

Runoff = 2.90 cfs @ 12.02 hrs, Volume= 8,545 cf, Depth= 4.76"
Routed to Reach R1 : R1

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
	902	79	50-75% Grass cover, Fair, HSG C
*	20,655	98	Parking Lot & Buildings
	21,557	97	Weighted Average
	902		4.18% Pervious Area
	20,655		95.82% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.3	99	0.0141	1.24		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"
0.1	22	0.0318	3.62		**Shallow Concentrated Flow, B->C** Paved Kv= 20.3 fps
1.4	121	Total			

Summary for Reach DP-1: Ex. Catch Basin

Inflow Area = 22,599 sf, 91.75% Impervious, Inflow Depth = 4.72" for 10-Year event
Inflow = 3.02 cfs @ 12.02 hrs, Volume= 8,881 cf
Outflow = 3.02 cfs @ 12.02 hrs, Volume= 8,881 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs

Summary for Reach DP-2: Ex. Catch Basin

Inflow Area = 21,557 sf, 95.82% Impervious, Inflow Depth = 4.76" for 10-Year event
Inflow = 2.89 cfs @ 12.02 hrs, Volume= 8,545 cf
Outflow = 2.89 cfs @ 12.02 hrs, Volume= 8,545 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs

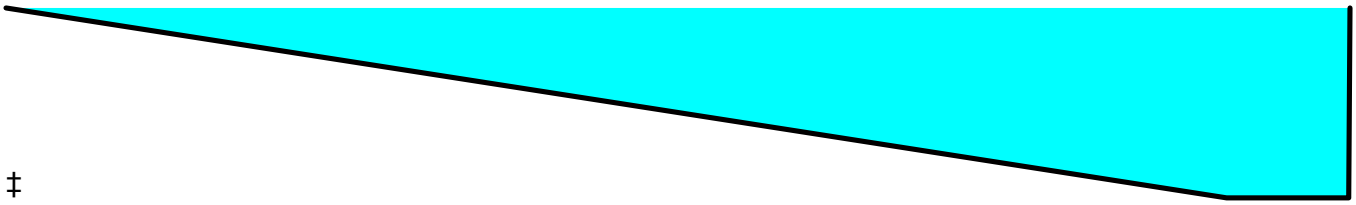
Summary for Reach R1: R1

Inflow Area = 21,557 sf, 95.82% Impervious, Inflow Depth = 4.76" for 10-Year event
Inflow = 2.90 cfs @ 12.02 hrs, Volume= 8,545 cf
Outflow = 2.89 cfs @ 12.02 hrs, Volume= 8,545 cf, Atten= 0%, Lag= 0.2 min
Routed to Reach DP-2 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Max. Velocity= 3.26 fps, Min. Travel Time= 0.2 min
Avg. Velocity = 1.20 fps, Avg. Travel Time= 0.6 min

Peak Storage= 36 cf @ 12.02 hrs
Average Depth at Peak Storage= 0.13' , Surface Width= 13.62'
Bank-Full Depth= 0.10' Flow Area= 0.6 sf, Capacity= 1.77 cfs

1.00' x 0.10' deep channel, n= 0.013 Asphalt, smooth
Side Slope Z-value= 100.0 0.1 '/' Top Width= 11.01'
Length= 41.0' Slope= 0.0324 '/'
Inlet Invert= 22.50', Outlet Invert= 21.17'



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Summary for Pond 1P: Ex. Drain Inlet

Inflow Area = 5,979 sf, 92.36% Impervious, Inflow Depth = 4.76" for 10-Year event
Inflow = 0.81 cfs @ 12.02 hrs, Volume= 2,370 cf
Outflow = 0.81 cfs @ 12.02 hrs, Volume= 2,370 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.81 cfs @ 12.02 hrs, Volume= 2,370 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 23.65' @ 12.02 hrs
Flood Elev= 24.90'

Device	Routing	Invert	Outlet Devices
#1	Primary	23.09'	**12.0" Round 12" HDPE** L= 65.3' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.09' / 22.26' S= 0.0127 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.77 cfs @ 12.02 hrs HW=23.64' TW=23.21' (Dynamic Tailwater)
↑—**1=12" HDPE** (Outlet Controls 0.77 cfs @ 2.52 fps)

Summary for Pond 2P: Ex. Drainage Manhole

Inflow Area = 16,712 sf, 93.21% Impervious, Inflow Depth = 4.76" for 10-Year event
Inflow = 2.24 cfs @ 12.02 hrs, Volume= 6,625 cf
Outflow = 2.24 cfs @ 12.02 hrs, Volume= 6,625 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.24 cfs @ 12.02 hrs, Volume= 6,625 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 23.22' @ 12.02 hrs
Flood Elev= 26.50'

Device	Routing	Invert	Outlet Devices
#1	Primary	22.16'	**12.0" Round 12" PVC** L= 101.5' CPP, projecting, no headwall, Ke= 0.900

Inlet / Outlet Invert= 22.16' / 20.74' S= 0.0140 '/' Cc= 0.900
n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=2.24 cfs @ 12.02 hrs HW=23.22' TW=22.54' (Dynamic Tailwater)
↑—**1=12" PVC** (Inlet Controls 2.24 cfs @ 2.85 fps)

Summary for Pond 3P: Ex. Drain Inlet

Inflow Area = 21,813 sf, 91.45% Impervious, Inflow Depth = 4.71" for 10-Year event
Inflow = 2.91 cfs @ 12.02 hrs, Volume= 8,562 cf
Outflow = 2.91 cfs @ 12.02 hrs, Volume= 8,562 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.91 cfs @ 12.02 hrs, Volume= 8,562 cf
Routed to Pond AS-1 : Ex. Hydrodynamic Separator

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 22.55' @ 12.02 hrs
Flood Elev= 23.90'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.74'	**12.0" Round 12" PVC** L= 14.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.74' / 20.45' S= 0.0207 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=2.85 cfs @ 12.02 hrs HW=22.53' TW=21.62' (Dynamic Tailwater)
↑—**1=12" PVC** (Inlet Controls 2.85 cfs @ 3.63 fps)

Summary for Pond 4P: Ex. Manhole

Inflow Area = 22,599 sf, 91.75% Impervious, Inflow Depth = 4.72" for 10-Year event
Inflow = 3.02 cfs @ 12.02 hrs, Volume= 8,881 cf
Outflow = 3.02 cfs @ 12.02 hrs, Volume= 8,881 cf, Atten= 0%, Lag= 0.0 min
Primary = 3.02 cfs @ 12.02 hrs, Volume= 8,881 cf
Routed to Reach DP-1 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 21.19' @ 12.02 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.02'	**15.0" Round Ex. 15" HDPE** L= 8.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.02' / 19.97' S= 0.0063 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 1.23 sf

Primary OutFlow Max=3.01 cfs @ 12.02 hrs HW=21.19' TW=0.00' (Dynamic Tailwater)
↑—**1=Ex. 15" HDPE** (Barrel Controls 3.01 cfs @ 3.28 fps)

Summary for Pond 6P: Ex. Drain Inlet

Inflow Area = 2,252 sf,100.00% Impervious, Inflow Depth = 4.87" for 10-Year event
Inflow = 0.31 cfs @ 12.01 hrs, Volume= 914 cf
Outflow = 0.31 cfs @ 12.01 hrs, Volume= 914 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.31 cfs @ 12.01 hrs, Volume= 914 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 22.55' @ 12.03 hrs
Flood Elev= 23.50'

Device	Routing	Invert	Outlet Devices
#1	Primary	21.25'	**12.0" Round 12" PVC** L= 45.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 21.25' / 20.79' S= 0.0102 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.00 cfs @ 12.01 hrs HW=22.34' TW=22.47' (Dynamic Tailwater)
1=12" PVC (Controls 0.00 cfs)

Summary for Pond AS-1: Ex. Hydrodynamic Separator

Inflow Area = 21,813 sf, 91.45% Impervious, Inflow Depth = 4.71" for 10-Year event
Inflow = 2.91 cfs @ 12.02 hrs, Volume= 8,562 cf
Outflow = 2.91 cfs @ 12.02 hrs, Volume= 8,562 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.91 cfs @ 12.02 hrs, Volume= 8,562 cf
Routed to Pond 4P : Ex. Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 21.63' @ 12.02 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.45'	**15.0" Round Ex. 15" RCP** L= 54.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.45' / 20.12' S= 0.0061 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 1.23 sf

Primary OutFlow Max=2.85 cfs @ 12.02 hrs HW=21.62' TW=21.19' (Dynamic Tailwater)
1=Ex. 15" RCP (Outlet Controls 2.85 cfs @ 3.10 fps)

Summary for Pond SP1: Ex. Stormwater Planter

Inflow Area = 10,733 sf, 93.69% Impervious, Inflow Depth = 4.76" for 10-Year event
Inflow = 1.46 cfs @ 12.01 hrs, Volume= 4,254 cf
Outflow = 1.43 cfs @ 12.02 hrs, Volume= 4,255 cf, Atten= 2%, Lag= 0.5 min
Primary = 1.43 cfs @ 12.02 hrs, Volume= 4,255 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs

Peak Elev= 27.84' @ 12.02 hrs Surf.Area= 677 sf Storage= 908 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 150.0 min (900.7 - 750.7)

Volume	Invert	Avail.Storage	Storage Description
#1	26.50'	1,016 cf	**Custom Stage Data (Prismatic)**Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
26.50	677	0	0
28.00	677	1,016	1,016

Device	Routing	Invert	Outlet Devices
#1	Primary	23.50'	**12.0" Round Culvert** L= 64.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.50' / 21.33' S= 0.0339 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf
#2	Device 1	27.75'	**6.0" Horiz. Orifice/Grate X 10.00** C= 0.600 Limited to weir flow at low heads
#3	Device 1	26.50'	**2.000 in/hr Exfiltration over Surface area**

Primary OutFlow Max=1.43 cfs @ 12.02 hrs HW=27.84' TW=23.22' (Dynamic Tailwater)
↑**1=Culvert** (Passes 1.43 cfs of 5.85 cfs potential flow)
↑**2=Orifice/Grate** (Weir Controls 1.40 cfs @ 0.98 fps)
3=Exfiltration (Exfiltration Controls 0.03 cfs)

Summary for Subcatchment 1A: Watershed 1A

Runoff = 0.39 cfs @ 12.01 hrs, Volume= 1,158 cf, Depth= 6.17"
Routed to Pond 6P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
*	2,252	98	Parking Lot & part of building
	2,252		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.8	85	0.0325	1.68		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1B: Watershed 1B

Runoff = 1.02 cfs @ 12.02 hrs, Volume= 3,016 cf, Depth= 6.05"
Routed to Pond 1P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
	457	79	50-75% Grass cover, Fair, HSG C
*	5,522	98	Parking Lot
	5,979	97	Weighted Average
	457		7.64% Pervious Area
	5,522		92.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.1	92	0.0218	1.45		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1C: Watershed 1C

Runoff = 0.47 cfs @ 12.01 hrs, Volume= 1,327 cf, Depth= 5.59"
Routed to Pond 3P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
	730	79	50-75% Grass cover, Fair, HSG C
*	2,119	98	Parking Lot
	2,849	93	Weighted Average
	730		25.62% Pervious Area
	2,119		74.38% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.9	81	0.0277	1.56		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1D: Watershed 1D

Runoff = 0.14 cfs @ 12.01 hrs, Volume= 404 cf, Depth= 6.17"
Routed to Pond 4P : Ex. Manhole

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
*	786	98	
	786		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 2: Ex. Roof Area & Planter Watershed 2

Runoff = 1.84 cfs @ 12.01 hrs, Volume= 5,414 cf, Depth= 6.05"
Routed to Pond SP1 : Ex. Stormwater Planter

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
*	10,056	98	Roof
*	677	79	Planter
	10,733	97	Weighted Average
	677		6.31% Pervious Area
	10,056		93.69% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3: Watershed 3

Runoff = 3.65 cfs @ 12.02 hrs, Volume= 10,874 cf, Depth= 6.05"
Routed to Reach R1 : R1

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
	902	79	50-75% Grass cover, Fair, HSG C
*	20,655	98	Parking Lot & Buildings
	21,557	97	Weighted Average
	902		4.18% Pervious Area
	20,655		95.82% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.3	99	0.0141	1.24		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"
0.1	22	0.0318	3.62		**Shallow Concentrated Flow, B->C** Paved Kv= 20.3 fps
1.4	121	Total			

Summary for Reach DP-1: Ex. Catch Basin

Inflow Area = 22,599 sf, 91.75% Impervious, Inflow Depth = 6.01" for 25-Year event
Inflow = 3.81 cfs @ 12.02 hrs, Volume= 11,319 cf
Outflow = 3.81 cfs @ 12.02 hrs, Volume= 11,319 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs

Summary for Reach DP-2: Ex. Catch Basin

Inflow Area = 21,557 sf, 95.82% Impervious, Inflow Depth = 6.05" for 25-Year event
Inflow = 3.64 cfs @ 12.02 hrs, Volume= 10,874 cf
Outflow = 3.64 cfs @ 12.02 hrs, Volume= 10,874 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs

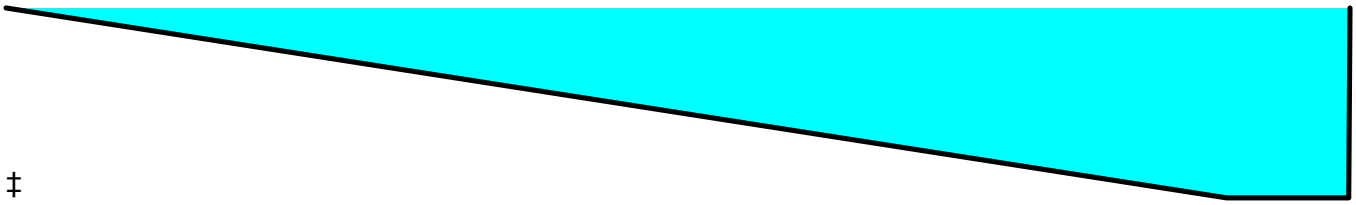
Summary for Reach R1: R1

Inflow Area = 21,557 sf, 95.82% Impervious, Inflow Depth = 6.05" for 25-Year event
Inflow = 3.65 cfs @ 12.02 hrs, Volume= 10,874 cf
Outflow = 3.64 cfs @ 12.02 hrs, Volume= 10,874 cf, Atten= 0%, Lag= 0.2 min
Routed to Reach DP-2 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Max. Velocity= 3.38 fps, Min. Travel Time= 0.2 min
Avg. Velocity = 1.28 fps, Avg. Travel Time= 0.5 min

Peak Storage= 44 cf @ 12.02 hrs
Average Depth at Peak Storage= 0.14' , Surface Width= 15.36'
Bank-Full Depth= 0.10' Flow Area= 0.6 sf, Capacity= 1.77 cfs

1.00' x 0.10' deep channel, n= 0.013 Asphalt, smooth
Side Slope Z-value= 100.0 0.1 '/' Top Width= 11.01'
Length= 41.0' Slope= 0.0324 '/'
Inlet Invert= 22.50', Outlet Invert= 21.17'



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Summary for Pond 1P: Ex. Drain Inlet

Inflow Area = 5,979 sf, 92.36% Impervious, Inflow Depth = 6.05" for 25-Year event
Inflow = 1.02 cfs @ 12.02 hrs, Volume= 3,016 cf
Outflow = 1.02 cfs @ 12.02 hrs, Volume= 3,016 cf, Atten= 0%, Lag= 0.0 min
Primary = 1.02 cfs @ 12.02 hrs, Volume= 3,016 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 24.38' @ 12.04 hrs
Flood Elev= 24.90'

Device	Routing	Invert	Outlet Devices
#1	Primary	23.09'	**12.0" Round 12" HDPE** L= 65.3' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.09' / 22.26' S= 0.0127 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.00 cfs @ 12.02 hrs HW=23.93' TW=24.04' (Dynamic Tailwater)
1=12" HDPE (Controls 0.00 cfs)

Summary for Pond 2P: Ex. Drainage Manhole

Inflow Area = 16,712 sf, 93.21% Impervious, Inflow Depth = 6.05" for 25-Year event
Inflow = 2.82 cfs @ 12.02 hrs, Volume= 8,430 cf
Outflow = 2.82 cfs @ 12.02 hrs, Volume= 8,430 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.82 cfs @ 12.02 hrs, Volume= 8,430 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 24.29' @ 12.03 hrs
Flood Elev= 26.50'

Device	Routing	Invert	Outlet Devices
#1	Primary	22.16'	**12.0" Round 12" PVC** L= 101.5' CPP, projecting, no headwall, Ke= 0.900

Inlet / Outlet Invert= 22.16' / 20.74' S= 0.0140 '/' Cc= 0.900
n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=2.53 cfs @ 12.02 hrs HW=24.16' TW=23.44' (Dynamic Tailwater)
1=12" PVC (Inlet Controls 2.53 cfs @ 3.22 fps)

Summary for Pond 3P: Ex. Drain Inlet

Inflow Area = 21,813 sf, 91.45% Impervious, Inflow Depth = 6.00" for 25-Year event
Inflow = 3.68 cfs @ 12.02 hrs, Volume= 10,915 cf
Outflow = 3.68 cfs @ 12.02 hrs, Volume= 10,915 cf, Atten= 0%, Lag= 0.0 min
Primary = 3.68 cfs @ 12.02 hrs, Volume= 10,915 cf
Routed to Pond AS-1 : Ex. Hydrodynamic Separator

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 23.45' @ 12.02 hrs
Flood Elev= 23.90'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.74'	**12.0" Round 12" PVC** L= 14.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.74' / 20.45' S= 0.0207 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=3.56 cfs @ 12.02 hrs HW=23.40' TW=21.98' (Dynamic Tailwater)
1=12" PVC (Inlet Controls 3.56 cfs @ 4.53 fps)

Summary for Pond 4P: Ex. Manhole

Inflow Area = 22,599 sf, 91.75% Impervious, Inflow Depth = 6.01" for 25-Year event
Inflow = 3.81 cfs @ 12.02 hrs, Volume= 11,319 cf
Outflow = 3.81 cfs @ 12.02 hrs, Volume= 11,319 cf, Atten= 0%, Lag= 0.0 min
Primary = 3.81 cfs @ 12.02 hrs, Volume= 11,319 cf
Routed to Reach DP-1 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 21.39' @ 12.02 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.02'	**15.0" Round Ex. 15" HDPE** L= 8.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.02' / 19.97' S= 0.0063 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 1.23 sf

Primary OutFlow Max=3.80 cfs @ 12.02 hrs HW=21.39' TW=0.00' (Dynamic Tailwater)
1=Ex. 15" HDPE (Barrel Controls 3.80 cfs @ 3.52 fps)

Summary for Pond 6P: Ex. Drain Inlet

Inflow Area = 2,252 sf,100.00% Impervious, Inflow Depth = 6.17" for 25-Year event
Inflow = 0.39 cfs @ 12.01 hrs, Volume= 1,158 cf
Outflow = 0.39 cfs @ 12.01 hrs, Volume= 1,158 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.39 cfs @ 12.01 hrs, Volume= 1,158 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 23.47' @ 12.03 hrs
Flood Elev= 23.50'

Device	Routing	Invert	Outlet Devices
#1	Primary	21.25'	**12.0" Round 12" PVC** L= 45.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 21.25' / 20.79' S= 0.0102 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.00 cfs @ 12.01 hrs HW=23.04' TW=23.29' (Dynamic Tailwater)
1=12" PVC (Controls 0.00 cfs)

Summary for Pond AS-1: Ex. Hydrodynamic Separator

Inflow Area = 21,813 sf, 91.45% Impervious, Inflow Depth = 6.00" for 25-Year event
Inflow = 3.68 cfs @ 12.02 hrs, Volume= 10,915 cf
Outflow = 3.68 cfs @ 12.02 hrs, Volume= 10,915 cf, Atten= 0%, Lag= 0.0 min
Primary = 3.68 cfs @ 12.02 hrs, Volume= 10,915 cf
Routed to Pond 4P : Ex. Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Peak Elev= 22.00' @ 12.02 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.45'	**15.0" Round Ex. 15" RCP** L= 54.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.45' / 20.12' S= 0.0061 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 1.23 sf

Primary OutFlow Max=3.60 cfs @ 12.02 hrs HW=21.98' TW=21.39' (Dynamic Tailwater)
1=Ex. 15" RCP (Inlet Controls 3.60 cfs @ 2.93 fps)

Summary for Pond SP1: Ex. Stormwater Planter

Inflow Area = 10,733 sf, 93.69% Impervious, Inflow Depth = 6.05" for 25-Year event
Inflow = 1.84 cfs @ 12.01 hrs, Volume= 5,414 cf
Outflow = 1.81 cfs @ 12.02 hrs, Volume= 5,414 cf, Atten= 1%, Lag= 0.5 min
Primary = 1.81 cfs @ 12.02 hrs, Volume= 5,414 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs

Peak Elev= 27.86' @ 12.02 hrs Surf.Area= 677 sf Storage= 918 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 133.3 min (879.6 - 746.3)

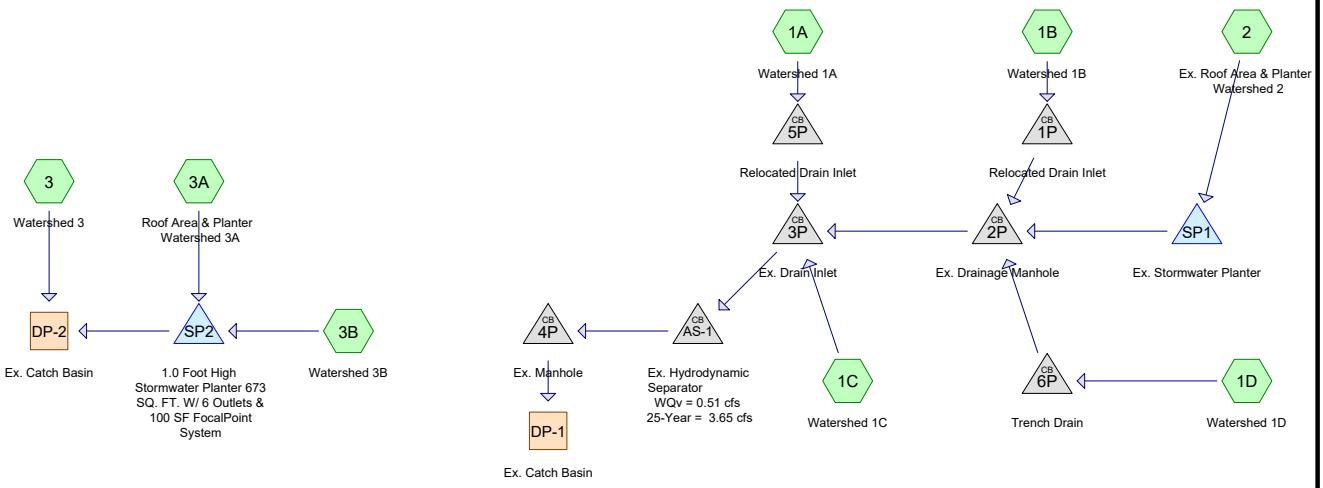
Volume	Invert	Avail.Storage	Storage Description
#1	26.50'	1,016 cf	**Custom Stage Data (Prismatic)**Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
26.50	677	0	0
28.00	677	1,016	1,016

Device	Routing	Invert	Outlet Devices
#1	Primary	23.50'	**12.0" Round Culvert** L= 64.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.50' / 21.33' S= 0.0339 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf
#2	Device 1	27.75'	**6.0" Horiz. Orifice/Grate X 10.00** C= 0.600 Limited to weir flow at low heads
#3	Device 1	26.50'	**2.000 in/hr Exfiltration over Surface area**

Primary OutFlow Max=1.80 cfs @ 12.02 hrs HW=27.86' TW=24.19' (Dynamic Tailwater)
└─**1=Culvert** (Passes 1.80 cfs of 5.72 cfs potential flow)
  ├─**2=Orifice/Grate** (Weir Controls 1.77 cfs @ 1.06 fps)
  └─**3=Exfiltration** (Exfiltration Controls 0.03 cfs)

7.) Post-Developed Analysis of the 1-, 10-, and 25-year Extreme Storm Events



Subcat Reach Pond Link

Routing Diagram for Proposed Condtion
Prepared by Hudson Engineering & Consulting
HydroCAD® 10.10-7c s/n 02549 © 2022 HydroCAD Software Solutions LLC

Summary for Subcatchment 1A: Watershed 1A

Runoff = 0.22 cfs @ 12.02 hrs, Volume= 634 cf, Depth= 2.63"
Routed to Pond 5P : Relocated Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
*	2,892	98	Parking Lot
	2,892		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.2	96	0.0166	1.31		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1B: Watershed 1B

Runoff = 0.26 cfs @ 12.01 hrs, Volume= 753 cf, Depth= 2.63"
Routed to Pond 1P : Relocated Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
	71	74	>75% Grass cover, Good, HSG C
*	3,367	98	Parking Lot
	3,438	98	Weighted Average
	71		2.07% Pervious Area
	3,367		97.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.8	64	0.0225	1.37		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1C: Watershed 1C

Runoff = 0.26 cfs @ 12.01 hrs, Volume= 725 cf, Depth= 2.52"
Routed to Pond 3P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
	172	74	>75% Grass cover, Good, HSG C
*	3,282	98	Parking Lot
	3,454	97	Weighted Average
	172		4.98% Pervious Area
	3,282		95.02% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.6	57	0.0305	1.51		**Sheet Flow, A->B** Smooth surfaces n= 0.011 P2= 3.45"
0.3	53	0.0162	2.58		**Shallow Concentrated Flow, B->C** Paved Kv= 20.3 fps
0.9	110	Total			

Summary for Subcatchment 1D: Watershed 1D

Runoff = 0.08 cfs @ 12.01 hrs, Volume= 224 cf, Depth= 2.52"
Routed to Pond 6P : Trench Drain

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
	26	74	>75% Grass cover, Good, HSG C
*	1,043	98	Parking Lot
	1,069	97	Weighted Average
	26		2.43% Pervious Area
	1,043		97.57% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.7	42	0.0129	1.01		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 2: Ex. Roof Area & Planter Watershed 2

Runoff = 0.80 cfs @ 12.01 hrs, Volume= 2,254 cf, Depth= 2.52"
Routed to Pond SP1 : Ex. Stormwater Planter

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
*	10,056	98	Roof
*	677	79	Planter
	10,733	97	Weighted Average
	677		6.31% Pervious Area
	10,056		93.69% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3: Watershed 3

Runoff = 0.10 cfs @ 12.02 hrs, Volume= 273 cf, Depth= 1.03"
Routed to Reach DP-2 : Ex. Catch Basin

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
	2,711	74	>75% Grass cover, Good, HSG C
*	470	98	Sidewalks
	3,181	78	Weighted Average
	2,711		85.22% Pervious Area
	470		14.78% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3A: Roof Area & Planter Watershed 3A

Runoff = 1.08 cfs @ 12.01 hrs, Volume= 3,001 cf, Depth= 2.41"
Routed to Pond SP2 : 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint System

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
*	13,653	98	Roof
*	1,264	79	Planter
	14,917	96	Weighted Average
	1,264		8.47% Pervious Area
	13,653		91.53% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3B: Watershed 3B

Runoff = 0.34 cfs @ 12.01 hrs, Volume= 980 cf, Depth= 2.63"
Routed to Pond SP2 : 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint System

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.86"

	Area (sf)	CN	Description
*	4,472	98	Parking Lot
	4,472		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0	74	0.0180	1.29		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Reach DP-1: Ex. Catch Basin

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 2.55" for 1-Year event
Inflow = 0.85 cfs @ 12.01 hrs, Volume= 4,590 cf
Outflow = 0.85 cfs @ 12.01 hrs, Volume= 4,590 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3

Summary for Reach DP-2: Ex. Catch Basin

Inflow Area = 22,570 sf, 82.39% Impervious, Inflow Depth = 2.26" for 1-Year event
Inflow = 0.33 cfs @ 12.02 hrs, Volume= 4,255 cf
Outflow = 0.33 cfs @ 12.02 hrs, Volume= 4,255 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3

Summary for Pond 1P: Relocated Drain Inlet

Inflow Area = 3,438 sf, 97.93% Impervious, Inflow Depth = 2.63" for 1-Year event
Inflow = 0.26 cfs @ 12.01 hrs, Volume= 753 cf
Outflow = 0.26 cfs @ 12.01 hrs, Volume= 753 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.26 cfs @ 12.01 hrs, Volume= 753 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 23.03' @ 12.01 hrs
Flood Elev= 25.05'

Device	Routing	Invert	Outlet Devices
#1	Primary	22.75'	**12.0" Round 12" HDPE** L= 35.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 22.75' / 22.26' S= 0.0140 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.26 cfs @ 12.01 hrs HW=23.03' TW=22.50' (Dynamic Tailwater)
↑—**1=12" HDPE** (Inlet Controls 0.26 cfs @ 1.43 fps)

Summary for Pond 2P: Ex. Drainage Manhole

Inflow Area = 15,240 sf, 94.92% Impervious, Inflow Depth = 2.54" for 1-Year event
Inflow = 0.37 cfs @ 12.01 hrs, Volume= 3,232 cf
Outflow = 0.37 cfs @ 12.01 hrs, Volume= 3,232 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.37 cfs @ 12.01 hrs, Volume= 3,232 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 22.50' @ 12.01 hrs
Flood Elev= 26.50'

Device	Routing	Invert	Outlet Devices
#1	Primary	22.16'	**12.0" Round 12" PVC** L= 101.5' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 22.16' / 20.74' S= 0.0140 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.37 cfs @ 12.01 hrs HW=22.50' TW=21.40' (Dynamic Tailwater)
1=12" PVC (Inlet Controls 0.37 cfs @ 1.57 fps)

Summary for Pond 3P: Ex. Drain Inlet

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 2.55" for 1-Year event
Inflow = 0.85 cfs @ 12.01 hrs, Volume= 4,590 cf
Outflow = 0.85 cfs @ 12.01 hrs, Volume= 4,590 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.85 cfs @ 12.01 hrs, Volume= 4,590 cf
Routed to Pond AS-1 : Ex. Hydrodynamic Separator WQv = 0.51 cfs 25-Year = 3.65 cfs

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 21.40' @ 12.01 hrs
Flood Elev= 23.90'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.74'	**12.0" Round 12" PVC** L= 14.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.74' / 20.45' S= 0.0207 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.84 cfs @ 12.01 hrs HW=21.40' TW=21.23' (Dynamic Tailwater)
1=12" PVC (Inlet Controls 0.84 cfs @ 1.54 fps)

Summary for Pond 4P: Ex. Manhole

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 2.55" for 1-Year event
Inflow = 0.85 cfs @ 12.01 hrs, Volume= 4,590 cf
Outflow = 0.85 cfs @ 12.01 hrs, Volume= 4,590 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.85 cfs @ 12.01 hrs, Volume= 4,590 cf
Routed to Reach DP-1 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3

Peak Elev= 20.58' @ 12.01 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.02'	**15.0" Round Ex. 15" HDPE** L= 8.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.02' / 19.97' S= 0.0063 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 1.23 sf

Primary OutFlow Max=0.84 cfs @ 12.01 hrs HW=20.57' TW=0.00' (Dynamic Tailwater)
↑—**1=Ex. 15" HDPE** (Barrel Controls 0.84 cfs @ 2.36 fps)

Summary for Pond 5P: Relocated Drain Inlet

Inflow Area = 2,892 sf,100.00% Impervious, Inflow Depth = 2.63" for 1-Year event
Inflow = 0.22 cfs @ 12.02 hrs, Volume= 634 cf
Outflow = 0.22 cfs @ 12.02 hrs, Volume= 634 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.22 cfs @ 12.02 hrs, Volume= 634 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 21.53' @ 12.02 hrs
Flood Elev= 23.80'

Device	Routing	Invert	Outlet Devices
#1	Primary	21.20'	**12.0" Round 12" HDPE** L= 34.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 21.20' / 20.79' S= 0.0121 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.22 cfs @ 12.02 hrs HW=21.53' TW=21.39' (Dynamic Tailwater)
↑—**1=12" HDPE** (Outlet Controls 0.22 cfs @ 1.45 fps)

Summary for Pond 6P: Trench Drain

Inflow Area = 1,069 sf, 97.57% Impervious, Inflow Depth = 2.52" for 1-Year event
Inflow = 0.08 cfs @ 12.01 hrs, Volume= 224 cf
Outflow = 0.08 cfs @ 12.01 hrs, Volume= 224 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.08 cfs @ 12.01 hrs, Volume= 224 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 23.50' @ 12.01 hrs
Flood Elev= 25.96'

Device	Routing	Invert	Outlet Devices
#1	Primary	23.35'	**12.0" Round 12" HDPE** L= 34.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.35' / 22.26' S= 0.0321 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.08 cfs @ 12.01 hrs HW=23.50' TW=22.50' (Dynamic Tailwater)
└**1=12" HDPE** (Inlet Controls 0.08 cfs @ 1.05 fps)

Summary for Pond AS-1: Ex. Hydrodynamic Separator WQv = 0.51 cfs 25-Year = 3.65 cfs

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 2.55" for 1-Year event
Inflow = 0.85 cfs @ 12.01 hrs, Volume= 4,590 cf
Outflow = 0.85 cfs @ 12.01 hrs, Volume= 4,590 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.85 cfs @ 12.01 hrs, Volume= 4,590 cf
Routed to Pond 4P : Ex. Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 21.23' @ 12.01 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.74'	**15.0" Round Ex. 15" RCP** L= 52.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.74' / 20.12' S= 0.0119 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 1.23 sf

Primary OutFlow Max=0.84 cfs @ 12.01 hrs HW=21.23' TW=20.57' (Dynamic Tailwater)
└**1=Ex. 15" RCP** (Inlet Controls 0.84 cfs @ 1.88 fps)

Summary for Pond SP1: Ex. Stormwater Planter

Inflow Area = 10,733 sf, 93.69% Impervious, Inflow Depth = 2.52" for 1-Year event
Inflow = 0.80 cfs @ 12.01 hrs, Volume= 2,254 cf
Outflow = 0.21 cfs @ 12.31 hrs, Volume= 2,254 cf, Atten= 74%, Lag= 17.7 min
Primary = 0.21 cfs @ 12.31 hrs, Volume= 2,254 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 27.77' @ 12.31 hrs Surf.Area= 669 sf Storage= 852 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 208.0 min (972.3 - 764.3)

Volume	Invert	Avail.Storage	Storage Description
#1	26.50'	1,004 cf	**Custom Stage Data (Prismatic)**Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
26.50	669	0	0
28.00	669	1,004	1,004

Device	Routing	Invert	Outlet Devices
#1	Primary	23.50'	**12.0" Round Culvert** L= 64.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.50' / 22.26' S= 0.0194 '/' Cc= 0.900

			n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf
#2	Device 1	27.75'	**6.0" Horiz. Orifice/Grate X 10.00** C= 0.600
			Limited to weir flow at low heads
#3	Device 1	26.50'	**2.000 in/hr Exfiltration over Surface area**

Primary OutFlow Max=0.21 cfs @ 12.31 hrs HW=27.77' TW=22.46' (Dynamic Tailwater)
└─**1=Culvert** (Passes 0.21 cfs of 5.80 cfs potential flow)
  ├─**2=Orifice/Grate** (Weir Controls 0.18 cfs @ 0.50 fps)
  └─**3=Exfiltration** (Exfiltration Controls 0.03 cfs)

mmary for Pond SP2: 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint Sy

Inflow Area = 19,389 sf, 93.48% Impervious, Inflow Depth = 2.46" for 1-Year event
Inflow = 1.42 cfs @ 12.01 hrs, Volume= 3,981 cf
Outflow = 0.30 cfs @ 12.38 hrs, Volume= 3,982 cf, Atten= 79%, Lag= 21.9 min
Primary = 0.30 cfs @ 12.38 hrs, Volume= 3,982 cf
Routed to Reach DP-2 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 22.09' @ 12.38 hrs Surf.Area= 100 sf Storage= 942 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 20.5 min (788.6 - 768.1)

Volume	Invert	Avail.Storage	Storage Description
#1	19.33'	45 cf	**2.00'W x 50.00'L x 2.25'H FocalPoint**
			225 cf Overall x 20.0% Voids
#2	21.58'	1,309 cf	**Stormwater Planter (Prismatic)**Listed below (Recalc) -Impervious
		1,354 cf	Total Available Storage

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
21.58	1,745	0	0
22.08	1,745	873	873
22.33	1,745	436	1,309

Device	Routing	Invert	Outlet Devices
#1	Primary	19.00'	**12.0" Round Culvert**
			L= 19.0' CPP, projecting, no headwall, Ke= 0.900
			Inlet / Outlet Invert= 19.00' / 18.77' S= 0.0121 '/' Cc= 0.900
			n= 0.013, Flow Area= 0.79 sf
#2	Device 1	19.33'	**100.000 in/hr Exfiltration over Surface area**
#3	Device 1	22.08'	**8.0" Horiz. Orifice/Grate X 6.00** C= 0.600
			Limited to weir flow at low heads

Primary OutFlow Max=0.30 cfs @ 12.38 hrs HW=22.09' TW=0.00' (Dynamic Tailwater)
└─**1=Culvert** (Passes 0.30 cfs of 4.81 cfs potential flow)
  ├─**2=Exfiltration** (Exfiltration Controls 0.23 cfs)
  └─**3=Orifice/Grate** (Weir Controls 0.07 cfs @ 0.38 fps)

Summary for Subcatchment 1A: Watershed 1A

Runoff = 0.39 cfs @ 12.02 hrs, Volume= 1,174 cf, Depth= 4.87"
Routed to Pond 5P : Relocated Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
*	2,892	98	Parking Lot
	2,892		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.2	96	0.0166	1.31		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1B: Watershed 1B

Runoff = 0.47 cfs @ 12.01 hrs, Volume= 1,396 cf, Depth= 4.87"
Routed to Pond 1P : Relocated Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
	71	74	>75% Grass cover, Good, HSG C
*	3,367	98	Parking Lot
	3,438	98	Weighted Average
	71		2.07% Pervious Area
	3,367		97.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.8	64	0.0225	1.37		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1C: Watershed 1C

Runoff = 0.47 cfs @ 12.01 hrs, Volume= 1,369 cf, Depth= 4.76"
Routed to Pond 3P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
	172	74	>75% Grass cover, Good, HSG C
*	3,282	98	Parking Lot
	3,454	97	Weighted Average
	172		4.98% Pervious Area
	3,282		95.02% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.6	57	0.0305	1.51		**Sheet Flow, A->B** Smooth surfaces n= 0.011 P2= 3.45"
0.3	53	0.0162	2.58		**Shallow Concentrated Flow, B->C** Paved Kv= 20.3 fps
0.9	110	Total			

Summary for Subcatchment 1D: Watershed 1D

Runoff = 0.15 cfs @ 12.01 hrs, Volume= 424 cf, Depth= 4.76"
Routed to Pond 6P : Trench Drain

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
	26	74	>75% Grass cover, Good, HSG C
*	1,043	98	Parking Lot
	1,069	97	Weighted Average
	26		2.43% Pervious Area
	1,043		97.57% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.7	42	0.0129	1.01		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 2: Ex. Roof Area & Planter Watershed 2

Runoff = 1.46 cfs @ 12.01 hrs, Volume= 4,254 cf, Depth= 4.76"
Routed to Pond SP1 : Ex. Stormwater Planter

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
*	10,056	98	Roof
*	677	79	Planter
	10,733	97	Weighted Average
	677		6.31% Pervious Area
	10,056		93.69% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3: Watershed 3

Runoff = 0.29 cfs @ 12.02 hrs, Volume= 744 cf, Depth= 2.81"
Routed to Reach DP-2 : Ex. Catch Basin

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
	2,711	74	>75% Grass cover, Good, HSG C
*	470	98	Sidewalks
	3,181	78	Weighted Average
	2,711		85.22% Pervious Area
	470		14.78% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3A: Roof Area & Planter Watershed 3A

Runoff = 2.01 cfs @ 12.01 hrs, Volume= 5,770 cf, Depth= 4.64"
Routed to Pond SP2 : 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint System

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
*	13,653	98	Roof
*	1,264	79	Planter
	14,917	96	Weighted Average
	1,264		8.47% Pervious Area
	13,653		91.53% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3B: Watershed 3B

Runoff = 0.61 cfs @ 12.01 hrs, Volume= 1,816 cf, Depth= 4.87"
Routed to Pond SP2 : 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint System

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.11"

	Area (sf)	CN	Description
*	4,472	98	Parking Lot
	4,472		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0	74	0.0180	1.29		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Reach DP-1: Ex. Catch Basin

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 4.79" for 10-Year event
Inflow = 2.90 cfs @ 12.02 hrs, Volume= 8,618 cf
Outflow = 2.90 cfs @ 12.02 hrs, Volume= 8,618 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3

Summary for Reach DP-2: Ex. Catch Basin

Inflow Area = 22,570 sf, 82.39% Impervious, Inflow Depth = 4.43" for 10-Year event
Inflow = 2.51 cfs @ 12.04 hrs, Volume= 8,331 cf
Outflow = 2.51 cfs @ 12.04 hrs, Volume= 8,331 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3

Summary for Pond 1P: Relocated Drain Inlet

Inflow Area = 3,438 sf, 97.93% Impervious, Inflow Depth = 4.87" for 10-Year event
Inflow = 0.47 cfs @ 12.01 hrs, Volume= 1,396 cf
Outflow = 0.47 cfs @ 12.01 hrs, Volume= 1,396 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.47 cfs @ 12.01 hrs, Volume= 1,396 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 23.31' @ 12.02 hrs
Flood Elev= 25.05'

Device	Routing	Invert	Outlet Devices
#1	Primary	22.75'	**12.0" Round 12" HDPE** L= 35.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 22.75' / 22.26' S= 0.0140 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.44 cfs @ 12.01 hrs HW=23.29' TW=23.18' (Dynamic Tailwater)
↑—**1=12" HDPE** (Outlet Controls 0.44 cfs @ 1.48 fps)

Summary for Pond 2P: Ex. Drainage Manhole

Inflow Area = 15,240 sf, 94.92% Impervious, Inflow Depth = 4.78" for 10-Year event
Inflow = 2.04 cfs @ 12.02 hrs, Volume= 6,074 cf
Outflow = 2.04 cfs @ 12.02 hrs, Volume= 6,074 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.04 cfs @ 12.02 hrs, Volume= 6,074 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 23.20' @ 12.02 hrs
Flood Elev= 26.50'

Device	Routing	Invert	Outlet Devices
#1	Primary	22.16'	**12.0" Round 12" PVC** L= 101.5' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 22.16' / 20.74' S= 0.0140 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=2.03 cfs @ 12.02 hrs HW=23.20' TW=22.69' (Dynamic Tailwater)
1=12" PVC (Outlet Controls 2.03 cfs @ 3.11 fps)

Summary for Pond 3P: Ex. Drain Inlet

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 4.79" for 10-Year event
Inflow = 2.90 cfs @ 12.02 hrs, Volume= 8,618 cf
Outflow = 2.90 cfs @ 12.02 hrs, Volume= 8,618 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.90 cfs @ 12.02 hrs, Volume= 8,618 cf
Routed to Pond AS-1 : Ex. Hydrodynamic Separator WQv = 0.51 cfs 25-Year = 3.65 cfs

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 22.70' @ 12.02 hrs
Flood Elev= 23.90'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.74'	**12.0" Round 12" PVC** L= 14.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.74' / 20.45' S= 0.0207 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=2.89 cfs @ 12.02 hrs HW=22.69' TW=21.75' (Dynamic Tailwater)
1=12" PVC (Inlet Controls 2.89 cfs @ 3.67 fps)

Summary for Pond 4P: Ex. Manhole

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 4.79" for 10-Year event
Inflow = 2.90 cfs @ 12.02 hrs, Volume= 8,618 cf
Outflow = 2.90 cfs @ 12.02 hrs, Volume= 8,618 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.90 cfs @ 12.02 hrs, Volume= 8,618 cf
Routed to Reach DP-1 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3

Peak Elev= 21.16' @ 12.02 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.02'	**15.0" Round Ex. 15" HDPE** L= 8.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.02' / 19.97' S= 0.0063 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 1.23 sf

Primary OutFlow Max=2.89 cfs @ 12.02 hrs HW=21.16' TW=0.00' (Dynamic Tailwater)
↑—**1=Ex. 15" HDPE** (Barrel Controls 2.89 cfs @ 3.24 fps)

Summary for Pond 5P: Relocated Drain Inlet

Inflow Area = 2,892 sf,100.00% Impervious, Inflow Depth = 4.87" for 10-Year event
Inflow = 0.39 cfs @ 12.02 hrs, Volume= 1,174 cf
Outflow = 0.39 cfs @ 12.02 hrs, Volume= 1,174 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.39 cfs @ 12.02 hrs, Volume= 1,174 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 22.72' @ 12.02 hrs
Flood Elev= 23.80'

Device	Routing	Invert	Outlet Devices
#1	Primary	21.20'	**12.0" Round 12" HDPE** L= 34.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 21.20' / 20.79' S= 0.0121 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.39 cfs @ 12.02 hrs HW=22.71' TW=22.69' (Dynamic Tailwater)
↑—**1=12" HDPE** (Inlet Controls 0.39 cfs @ 0.50 fps)

Summary for Pond 6P: Trench Drain

Inflow Area = 1,069 sf, 97.57% Impervious, Inflow Depth = 4.76" for 10-Year event
Inflow = 0.15 cfs @ 12.01 hrs, Volume= 424 cf
Outflow = 0.15 cfs @ 12.01 hrs, Volume= 424 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.15 cfs @ 12.01 hrs, Volume= 424 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 23.56' @ 12.01 hrs
Flood Elev= 25.96'

Device	Routing	Invert	Outlet Devices
#1	Primary	23.35'	**12.0" Round 12" HDPE** L= 34.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.35' / 22.26' S= 0.0321 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.15 cfs @ 12.01 hrs HW=23.56' TW=23.18' (Dynamic Tailwater)
└**1=12" HDPE** (Inlet Controls 0.15 cfs @ 1.23 fps)

Summary for Pond AS-1: Ex. Hydrodynamic Separator WQv = 0.51 cfs 25-Year = 3.65 cfs

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 4.79" for 10-Year event
Inflow = 2.90 cfs @ 12.02 hrs, Volume= 8,618 cf
Outflow = 2.90 cfs @ 12.02 hrs, Volume= 8,618 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.90 cfs @ 12.02 hrs, Volume= 8,618 cf
Routed to Pond 4P : Ex. Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 21.76' @ 12.02 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.74'	**15.0" Round Ex. 15" RCP** L= 52.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.74' / 20.12' S= 0.0119 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 1.23 sf

Primary OutFlow Max=2.89 cfs @ 12.02 hrs HW=21.75' TW=21.16' (Dynamic Tailwater)
└**1=Ex. 15" RCP** (Inlet Controls 2.89 cfs @ 2.71 fps)

Summary for Pond SP1: Ex. Stormwater Planter

Inflow Area = 10,733 sf, 93.69% Impervious, Inflow Depth = 4.76" for 10-Year event
Inflow = 1.46 cfs @ 12.01 hrs, Volume= 4,254 cf
Outflow = 1.43 cfs @ 12.02 hrs, Volume= 4,255 cf, Atten= 2%, Lag= 0.5 min
Primary = 1.43 cfs @ 12.02 hrs, Volume= 4,255 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 27.84' @ 12.02 hrs Surf.Area= 669 sf Storage= 897 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 149.2 min (899.8 - 750.7)

Volume	Invert	Avail.Storage	Storage Description
#1	26.50'	1,004 cf	**Custom Stage Data (Prismatic)**Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
26.50	669	0	0
28.00	669	1,004	1,004

Device	Routing	Invert	Outlet Devices
#1	Primary	23.50'	**12.0" Round Culvert** L= 64.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.50' / 22.26' S= 0.0194 '/' Cc= 0.900

n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

#2	Device 1	27.75'	**6.0" Horiz. Orifice/Grate X 10.00** C= 0.600 Limited to weir flow at low heads
#3	Device 1	26.50'	**2.000 in/hr Exfiltration over Surface area**

Primary OutFlow Max=1.43 cfs @ 12.02 hrs HW=27.84' TW=23.19' (Dynamic Tailwater)
└─**1=Culvert** (Passes 1.43 cfs of 5.85 cfs potential flow)
  ├─**2=Orifice/Grate** (Weir Controls 1.40 cfs @ 0.98 fps)
  └─**3=Exfiltration** (Exfiltration Controls 0.03 cfs)

mmary for Pond SP2: 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint Sy

Inflow Area = 19,389 sf, 93.48% Impervious, Inflow Depth = 4.70" for 10-Year event
Inflow = 2.62 cfs @ 12.01 hrs, Volume= 7,586 cf
Outflow = 2.25 cfs @ 12.04 hrs, Volume= 7,587 cf, Atten= 14%, Lag= 1.8 min
Primary = 2.25 cfs @ 12.04 hrs, Volume= 7,587 cf
Routed to Reach DP-2 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 22.21' @ 12.04 hrs Surf.Area= 100 sf Storage= 1,152 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 17.6 min (771.4 - 753.8)

Volume	Invert	Avail.Storage	Storage Description
#1	19.33'	45 cf	**2.00'W x 50.00'L x 2.25'H FocalPoint** 225 cf Overall x 20.0% Voids
#2	21.58'	1,309 cf	**Stormwater Planter (Prismatic)**Listed below (Recalc) -Impervious
		1,354 cf	Total Available Storage

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
21.58	1,745	0	0
22.08	1,745	873	873
22.33	1,745	436	1,309

Device	Routing	Invert	Outlet Devices
#1	Primary	19.00'	**12.0" Round Culvert** L= 19.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 19.00' / 18.77' S= 0.0121 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	19.33'	**100.000 in/hr Exfiltration over Surface area**
#3	Device 1	22.08'	**8.0" Horiz. Orifice/Grate X 6.00** C= 0.600 Limited to weir flow at low heads

Primary OutFlow Max=2.24 cfs @ 12.04 hrs HW=22.21' TW=0.00' (Dynamic Tailwater)
└─**1=Culvert** (Passes 2.24 cfs of 4.92 cfs potential flow)
  ├─**2=Exfiltration** (Exfiltration Controls 0.23 cfs)
  └─**3=Orifice/Grate** (Weir Controls 2.01 cfs @ 1.20 fps)

Summary for Subcatchment 1A: Watershed 1A

Runoff = 0.49 cfs @ 12.02 hrs, Volume= 1,487 cf, Depth= 6.17"
Routed to Pond 5P : Relocated Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
*	2,892	98	Parking Lot
	2,892		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.2	96	0.0166	1.31		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1B: Watershed 1B

Runoff = 0.60 cfs @ 12.01 hrs, Volume= 1,768 cf, Depth= 6.17"
Routed to Pond 1P : Relocated Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
	71	74	>75% Grass cover, Good, HSG C
*	3,367	98	Parking Lot
	3,438	98	Weighted Average
	71		2.07% Pervious Area
	3,367		97.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.8	64	0.0225	1.37		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1C: Watershed 1C

Runoff = 0.59 cfs @ 12.01 hrs, Volume= 1,742 cf, Depth= 6.05"
Routed to Pond 3P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
	172	74	>75% Grass cover, Good, HSG C
*	3,282	98	Parking Lot
	3,454	97	Weighted Average
	172		4.98% Pervious Area
	3,282		95.02% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.6	57	0.0305	1.51		**Sheet Flow, A->B** Smooth surfaces n= 0.011 P2= 3.45"
0.3	53	0.0162	2.58		**Shallow Concentrated Flow, B->C** Paved Kv= 20.3 fps
0.9	110	Total			

Summary for Subcatchment 1D: Watershed 1D

Runoff = 0.18 cfs @ 12.01 hrs, Volume= 539 cf, Depth= 6.05"
Routed to Pond 6P : Trench Drain

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
	26	74	>75% Grass cover, Good, HSG C
*	1,043	98	Parking Lot
	1,069	97	Weighted Average
	26		2.43% Pervious Area
	1,043		97.57% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.7	42	0.0129	1.01		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 2: Ex. Roof Area & Planter Watershed 2

Runoff = 1.84 cfs @ 12.01 hrs, Volume= 5,414 cf, Depth= 6.05"
Routed to Pond SP1 : Ex. Stormwater Planter

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
*	10,056	98	Roof
*	677	79	Planter
	10,733	97	Weighted Average
	677		6.31% Pervious Area
	10,056		93.69% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3: Watershed 3

Runoff = 0.40 cfs @ 12.02 hrs, Volume= 1,045 cf, Depth= 3.94"
Routed to Reach DP-2 : Ex. Catch Basin

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
	2,711	74	>75% Grass cover, Good, HSG C
*	470	98	Sidewalks
	3,181	78	Weighted Average
	2,711		85.22% Pervious Area
	470		14.78% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3A: Roof Area & Planter Watershed 3A

Runoff = 2.54 cfs @ 12.01 hrs, Volume= 7,379 cf, Depth= 5.94"
Routed to Pond SP2 : 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint System

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
*	13,653	98	Roof
*	1,264	79	Planter
	14,917	96	Weighted Average
	1,264		8.47% Pervious Area
	13,653		91.53% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3B: Watershed 3B

Runoff = 0.77 cfs @ 12.01 hrs, Volume= 2,300 cf, Depth= 6.17"
Routed to Pond SP2 : 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint System

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr 25-Year Rainfall=6.41"

	Area (sf)	CN	Description
*	4,472	98	Parking Lot
	4,472		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0	74	0.0180	1.29		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Reach DP-1: Ex. Catch Basin

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 6.09" for 25-Year event
Inflow = 3.65 cfs @ 12.02 hrs, Volume= 10,951 cf
Outflow = 3.65 cfs @ 12.02 hrs, Volume= 10,951 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3

Summary for Reach DP-2: Ex. Catch Basin

Inflow Area = 22,570 sf, 82.39% Impervious, Inflow Depth = 5.70" for 25-Year event
Inflow = 3.48 cfs @ 12.03 hrs, Volume= 10,726 cf
Outflow = 3.48 cfs @ 12.03 hrs, Volume= 10,726 cf, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3

Summary for Pond 1P: Relocated Drain Inlet

Inflow Area = 3,438 sf, 97.93% Impervious, Inflow Depth = 6.17" for 25-Year event
Inflow = 0.60 cfs @ 12.01 hrs, Volume= 1,768 cf
Outflow = 0.60 cfs @ 12.01 hrs, Volume= 1,768 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.60 cfs @ 12.01 hrs, Volume= 1,768 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 24.23' @ 12.02 hrs
Flood Elev= 25.05'

Device	Routing	Invert	Outlet Devices
#1	Primary	22.75'	**12.0" Round 12" HDPE** L= 35.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 22.75' / 22.26' S= 0.0140 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.00 cfs @ 12.01 hrs HW=24.13' TW=24.14' (Dynamic Tailwater)
↑—**1=12" HDPE** (Controls 0.00 cfs)

Summary for Pond 2P: Ex. Drainage Manhole

Inflow Area = 15,240 sf, 94.92% Impervious, Inflow Depth = 6.08" for 25-Year event
Inflow = 2.57 cfs @ 12.02 hrs, Volume= 7,722 cf
Outflow = 2.57 cfs @ 12.02 hrs, Volume= 7,722 cf, Atten= 0%, Lag= 0.0 min
Primary = 2.57 cfs @ 12.02 hrs, Volume= 7,722 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 24.21' @ 12.02 hrs
Flood Elev= 26.50'

Device	Routing	Invert	Outlet Devices
#1	Primary	22.16'	**12.0" Round 12" PVC** L= 101.5' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 22.16' / 20.74' S= 0.0140 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=2.56 cfs @ 12.02 hrs HW=24.19' TW=23.46' (Dynamic Tailwater)
1=12" PVC (Inlet Controls 2.56 cfs @ 3.26 fps)

Summary for Pond 3P: Ex. Drain Inlet

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 6.09" for 25-Year event
Inflow = 3.65 cfs @ 12.02 hrs, Volume= 10,951 cf
Outflow = 3.65 cfs @ 12.02 hrs, Volume= 10,951 cf, Atten= 0%, Lag= 0.0 min
Primary = 3.65 cfs @ 12.02 hrs, Volume= 10,951 cf
Routed to Pond AS-1 : Ex. Hydrodynamic Separator WQv = 0.51 cfs 25-Year = 3.65 cfs

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 23.47' @ 12.02 hrs
Flood Elev= 23.90'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.74'	**12.0" Round 12" PVC** L= 14.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.74' / 20.45' S= 0.0207 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=3.64 cfs @ 12.02 hrs HW=23.45' TW=21.97' (Dynamic Tailwater)
1=12" PVC (Inlet Controls 3.64 cfs @ 4.63 fps)

Summary for Pond 4P: Ex. Manhole

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 6.09" for 25-Year event
Inflow = 3.65 cfs @ 12.02 hrs, Volume= 10,951 cf
Outflow = 3.65 cfs @ 12.02 hrs, Volume= 10,951 cf, Atten= 0%, Lag= 0.0 min
Primary = 3.65 cfs @ 12.02 hrs, Volume= 10,951 cf
Routed to Reach DP-1 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3

Peak Elev= 21.35' @ 12.02 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.02'	**15.0" Round Ex. 15" HDPE** L= 8.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.02' / 19.97' S= 0.0063 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 1.23 sf

Primary OutFlow Max=3.64 cfs @ 12.02 hrs HW=21.35' TW=0.00' (Dynamic Tailwater)
↑—**1=Ex. 15" HDPE** (Barrel Controls 3.64 cfs @ 3.47 fps)

Summary for Pond 5P: Relocated Drain Inlet

Inflow Area = 2,892 sf,100.00% Impervious, Inflow Depth = 6.17" for 25-Year event
Inflow = 0.49 cfs @ 12.02 hrs, Volume= 1,487 cf
Outflow = 0.49 cfs @ 12.02 hrs, Volume= 1,487 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.49 cfs @ 12.02 hrs, Volume= 1,487 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 23.50' @ 12.02 hrs
Flood Elev= 23.80'

Device	Routing	Invert	Outlet Devices
#1	Primary	21.20'	**12.0" Round 12" HDPE** L= 34.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 21.20' / 20.79' S= 0.0121 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.49 cfs @ 12.02 hrs HW=23.48' TW=23.45' (Dynamic Tailwater)
↑—**1=12" HDPE** (Inlet Controls 0.49 cfs @ 0.63 fps)

Summary for Pond 6P: Trench Drain

Inflow Area = 1,069 sf, 97.57% Impervious, Inflow Depth = 6.05" for 25-Year event
Inflow = 0.18 cfs @ 12.01 hrs, Volume= 539 cf
Outflow = 0.18 cfs @ 12.01 hrs, Volume= 539 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.18 cfs @ 12.01 hrs, Volume= 539 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 24.19' @ 12.02 hrs
Flood Elev= 25.96'

Device	Routing	Invert	Outlet Devices
#1	Primary	23.35'	**12.0" Round 12" HDPE** L= 34.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.35' / 22.26' S= 0.0321 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.00 cfs @ 12.01 hrs HW=24.08' TW=24.14' (Dynamic Tailwater)
└**1=12" HDPE** (Controls 0.00 cfs)

Summary for Pond AS-1: Ex. Hydrodynamic Separator WQv = 0.51 cfs 25-Year = 3.65 cfs

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 6.09" for 25-Year event
Inflow = 3.65 cfs @ 12.02 hrs, Volume= 10,951 cf
Outflow = 3.65 cfs @ 12.02 hrs, Volume= 10,951 cf, Atten= 0%, Lag= 0.0 min
Primary = 3.65 cfs @ 12.02 hrs, Volume= 10,951 cf
Routed to Pond 4P : Ex. Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 21.97' @ 12.02 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.74'	**15.0" Round Ex. 15" RCP** L= 52.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.74' / 20.12' S= 0.0119 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 1.23 sf

Primary OutFlow Max=3.64 cfs @ 12.02 hrs HW=21.97' TW=21.35' (Dynamic Tailwater)
└**1=Ex. 15" RCP** (Inlet Controls 3.64 cfs @ 2.98 fps)

Summary for Pond SP1: Ex. Stormwater Planter

Inflow Area = 10,733 sf, 93.69% Impervious, Inflow Depth = 6.05" for 25-Year event
Inflow = 1.84 cfs @ 12.01 hrs, Volume= 5,414 cf
Outflow = 1.81 cfs @ 12.02 hrs, Volume= 5,414 cf, Atten= 1%, Lag= 0.5 min
Primary = 1.81 cfs @ 12.02 hrs, Volume= 5,414 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 27.86' @ 12.02 hrs Surf.Area= 669 sf Storage= 907 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 132.6 min (878.9 - 746.3)

Volume	Invert	Avail.Storage	Storage Description
#1	26.50'	1,004 cf	**Custom Stage Data (Prismatic)**Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
26.50	669	0	0
28.00	669	1,004	1,004

Device	Routing	Invert	Outlet Devices
#1	Primary	23.50'	**12.0" Round Culvert** L= 64.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.50' / 22.26' S= 0.0194 '/' Cc= 0.900

			n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf
#2	Device 1	27.75'	**6.0" Horiz. Orifice/Grate X 10.00** C= 0.600
			Limited to weir flow at low heads
#3	Device 1	26.50'	**2.000 in/hr Exfiltration over Surface area**

Primary OutFlow Max=1.80 cfs @ 12.02 hrs HW=27.86' TW=24.17' (Dynamic Tailwater)
└─**1=Culvert** (Passes 1.80 cfs of 5.73 cfs potential flow)
  ├─**2=Orifice/Grate** (Weir Controls 1.77 cfs @ 1.06 fps)
  └─**3=Exfiltration** (Exfiltration Controls 0.03 cfs)

mmary for Pond SP2: 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint Sy

Inflow Area = 19,389 sf, 93.48% Impervious, Inflow Depth = 5.99" for 25-Year event
Inflow = 3.31 cfs @ 12.01 hrs, Volume= 9,679 cf
Outflow = 3.10 cfs @ 12.03 hrs, Volume= 9,680 cf, Atten= 6%, Lag= 1.1 min
Primary = 3.10 cfs @ 12.03 hrs, Volume= 9,680 cf
Routed to Reach DP-2 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 22.25' @ 12.03 hrs Surf.Area= 100 sf Storage= 1,213 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 17.2 min (766.3 - 749.2)

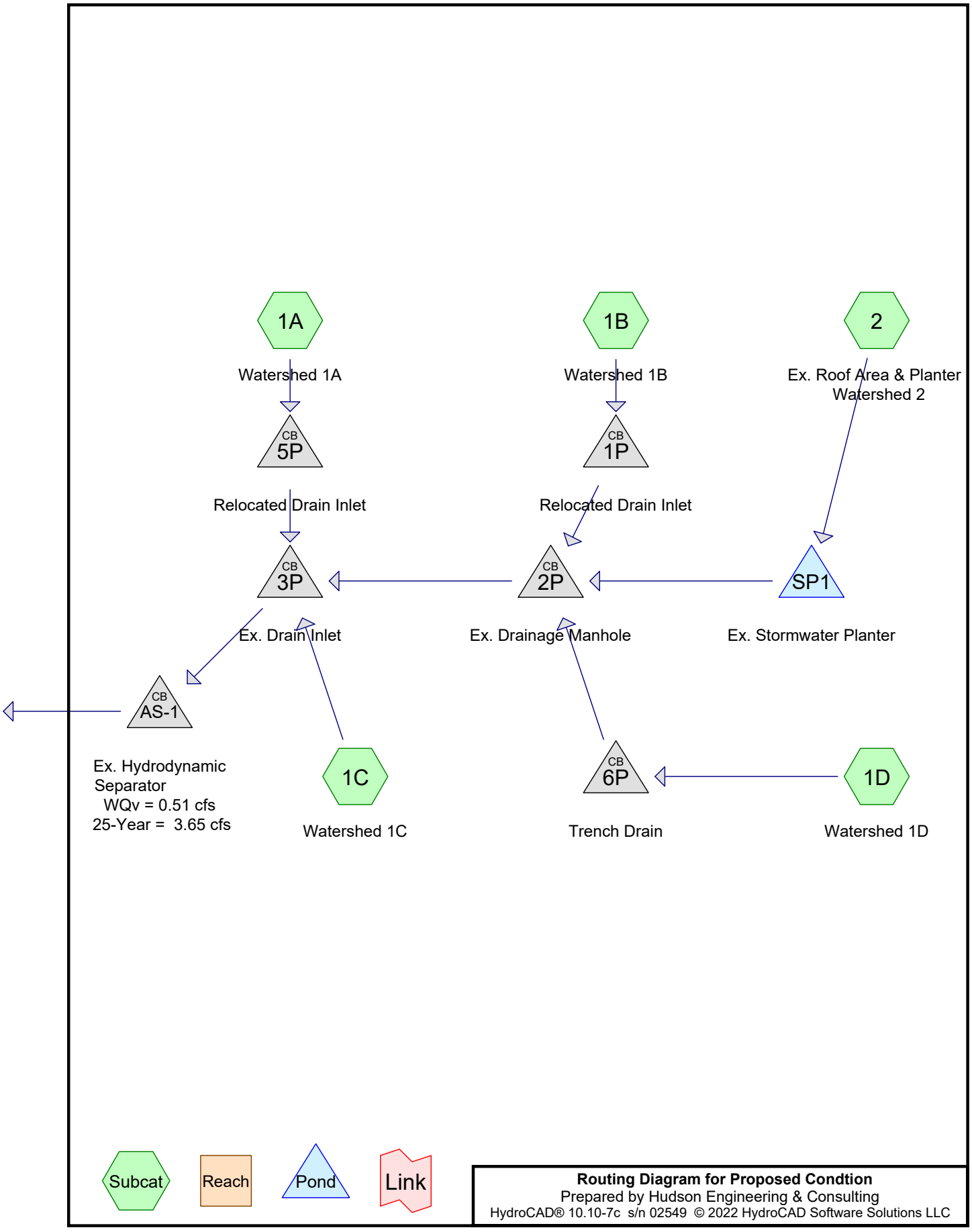
Volume	Invert	Avail.Storage	Storage Description
#1	19.33'	45 cf	**2.00'W x 50.00'L x 2.25'H FocalPoint**
			225 cf Overall x 20.0% Voids
#2	21.58'	1,309 cf	**Stormwater Planter (Prismatic)**Listed below (Recalc) -Impervious
		1,354 cf	Total Available Storage

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
21.58	1,745	0	0
22.08	1,745	873	873
22.33	1,745	436	1,309

Device	Routing	Invert	Outlet Devices
#1	Primary	19.00'	**12.0" Round Culvert**
			L= 19.0' CPP, projecting, no headwall, Ke= 0.900
			Inlet / Outlet Invert= 19.00' / 18.77' S= 0.0121 '/' Cc= 0.900
			n= 0.013, Flow Area= 0.79 sf
#2	Device 1	19.33'	**100.000 in/hr Exfiltration over Surface area**
#3	Device 1	22.08'	**8.0" Horiz. Orifice/Grate X 6.00** C= 0.600
			Limited to weir flow at low heads

Primary OutFlow Max=3.09 cfs @ 12.03 hrs HW=22.25' TW=0.00' (Dynamic Tailwater)
└─**1=Culvert** (Passes 3.09 cfs of 4.95 cfs potential flow)
  ├─**2=Exfiltration** (Exfiltration Controls 0.23 cfs)
  └─**3=Orifice/Grate** (Weir Controls 2.86 cfs @ 1.34 fps)

8). Water Quality Calculations



Routing Diagram for Proposed Condtion
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Summary for Subcatchment 1A: Watershed 1A

Runoff = 0.13 cfs @ 12.02 hrs, Volume= 363 cf, Depth= 1.51"
Routed to Pond 5P : Relocated Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr WQv Rainfall=1.73"

	Area (sf)	CN	Description
*	2,892	98	Parking Lot
	2,892		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.2	96	0.0166	1.31		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1B: Watershed 1B

Runoff = 0.15 cfs @ 12.01 hrs, Volume= 432 cf, Depth= 1.51"
Routed to Pond 1P : Relocated Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr WQv Rainfall=1.73"

	Area (sf)	CN	Description
	71	74	>75% Grass cover, Good, HSG C
*	3,367	98	Parking Lot
	3,438	98	Weighted Average
	71		2.07% Pervious Area
	3,367		97.93% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.8	64	0.0225	1.37		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 1C: Watershed 1C

Runoff = 0.15 cfs @ 12.01 hrs, Volume= 405 cf, Depth= 1.41"
Routed to Pond 3P : Ex. Drain Inlet

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr WQv Rainfall=1.73"

	Area (sf)	CN	Description
	172	74	>75% Grass cover, Good, HSG C
*	3,282	98	Parking Lot
	3,454	97	Weighted Average
	172		4.98% Pervious Area
	3,282		95.02% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.6	57	0.0305	1.51		**Sheet Flow, A->B** Smooth surfaces n= 0.011 P2= 3.45"
0.3	53	0.0162	2.58		**Shallow Concentrated Flow, B->C** Paved Kv= 20.3 fps
0.9	110	Total			

Summary for Subcatchment 1D: Watershed 1D

Runoff = 0.05 cfs @ 12.01 hrs, Volume= 125 cf, Depth= 1.41"
Routed to Pond 6P : Trench Drain

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr WQv Rainfall=1.73"

	Area (sf)	CN	Description
	26	74	>75% Grass cover, Good, HSG C
*	1,043	98	Parking Lot
	1,069	97	Weighted Average
	26		2.43% Pervious Area
	1,043		97.57% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
0.7	42	0.0129	1.01		**Sheet Flow, A-B** Smooth surfaces n= 0.011 P2= 3.45"

Summary for Subcatchment 2: Ex. Roof Area & Planter Watershed 2

Runoff = 0.46 cfs @ 12.01 hrs, Volume= 1,259 cf, Depth= 1.41"
Routed to Pond SP1 : Ex. Stormwater Planter

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr WQv Rainfall=1.73"

	Area (sf)	CN	Description
*	10,056	98	Roof
*	677	79	Planter
	10,733	97	Weighted Average
	677		6.31% Pervious Area
	10,056		93.69% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Pond 1P: Relocated Drain Inlet

Inflow Area = 3,438 sf, 97.93% Impervious, Inflow Depth = 1.51" for WQv event
Inflow = 0.15 cfs @ 12.01 hrs, Volume= 432 cf
Outflow = 0.15 cfs @ 12.01 hrs, Volume= 432 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.15 cfs @ 12.01 hrs, Volume= 432 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 22.97' @ 12.01 hrs
Flood Elev= 25.05'

Device	Routing	Invert	Outlet Devices
#1	Primary	22.75'	**12.0" Round 12" HDPE** L= 35.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 22.75' / 22.26' S= 0.0140 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.15 cfs @ 12.01 hrs HW=22.96' TW=22.43' (Dynamic Tailwater)
↑—**1=12" HDPE** (Inlet Controls 0.15 cfs @ 1.25 fps)

Summary for Pond 2P: Ex. Drainage Manhole

Inflow Area = 15,240 sf, 94.92% Impervious, Inflow Depth = 1.43" for WQv event
Inflow = 0.23 cfs @ 12.01 hrs, Volume= 1,816 cf
Outflow = 0.23 cfs @ 12.01 hrs, Volume= 1,816 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.23 cfs @ 12.01 hrs, Volume= 1,816 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 22.43' @ 12.01 hrs
Flood Elev= 26.50'

Device	Routing	Invert	Outlet Devices
#1	Primary	22.16'	**12.0" Round 12" PVC** L= 101.5' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 22.16' / 20.74' S= 0.0140 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.23 cfs @ 12.01 hrs HW=22.43' TW=21.24' (Dynamic Tailwater)
↑—**1=12" PVC** (Inlet Controls 0.23 cfs @ 1.38 fps)

Summary for Pond 3P: Ex. Drain Inlet

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 1.44" for WQv event
Inflow = 0.51 cfs @ 12.01 hrs, Volume= 2,584 cf
Outflow = 0.51 cfs @ 12.01 hrs, Volume= 2,584 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.51 cfs @ 12.01 hrs, Volume= 2,584 cf
Routed to Pond AS-1 : Ex. Hydrodynamic Separator WQv = 0.51 cfs 25-Year = 3.65 cfs

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 21.24' @ 12.01 hrs
Flood Elev= 23.90'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.74'	**12.0" Round 12" PVC** L= 14.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.74' / 20.45' S= 0.0207 '/' Cc= 0.900 n= 0.010 PVC, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.51 cfs @ 12.01 hrs HW=21.24' TW=21.11' (Dynamic Tailwater)
↑**1=12" PVC** (Outlet Controls 0.51 cfs @ 1.89 fps)

Summary for Pond 5P: Relocated Drain Inlet

Inflow Area = 2,892 sf,100.00% Impervious, Inflow Depth = 1.51" for WQv event
Inflow = 0.13 cfs @ 12.02 hrs, Volume= 363 cf
Outflow = 0.13 cfs @ 12.02 hrs, Volume= 363 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.13 cfs @ 12.02 hrs, Volume= 363 cf
Routed to Pond 3P : Ex. Drain Inlet

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 21.42' @ 12.02 hrs
Flood Elev= 23.80'

Device	Routing	Invert	Outlet Devices
#1	Primary	21.20'	**12.0" Round 12" HDPE** L= 34.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 21.20' / 20.79' S= 0.0121 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.13 cfs @ 12.02 hrs HW=21.42' TW=21.24' (Dynamic Tailwater)
↑**1=12" HDPE** (Outlet Controls 0.13 cfs @ 1.49 fps)

Summary for Pond 6P: Trench Drain

Inflow Area = 1,069 sf, 97.57% Impervious, Inflow Depth = 1.41" for WQv event
Inflow = 0.05 cfs @ 12.01 hrs, Volume= 125 cf
Outflow = 0.05 cfs @ 12.01 hrs, Volume= 125 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.05 cfs @ 12.01 hrs, Volume= 125 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3

Peak Elev= 23.47' @ 12.01 hrs
Flood Elev= 25.96'

Device	Routing	Invert	Outlet Devices
#1	Primary	23.35'	**12.0" Round 12" HDPE** L= 34.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.35' / 22.26' S= 0.0321 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf

Primary OutFlow Max=0.05 cfs @ 12.01 hrs HW=23.47' TW=22.43' (Dynamic Tailwater)
↑—**1=12" HDPE** (Inlet Controls 0.05 cfs @ 0.91 fps)

Summary for Pond AS-1: Ex. Hydrodynamic Separator WQv = 0.51 cfs 25-Year = 3.65 cfs

Inflow Area = 21,586 sf, 95.62% Impervious, Inflow Depth = 1.44" for WQv event
Inflow = 0.51 cfs @ 12.01 hrs, Volume= 2,584 cf
Outflow = 0.51 cfs @ 12.01 hrs, Volume= 2,584 cf, Atten= 0%, Lag= 0.0 min
Primary = 0.51 cfs @ 12.01 hrs, Volume= 2,584 cf
Routed to Pond 4P : Ex. Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 21.11' @ 12.01 hrs
Flood Elev= 24.12'

Device	Routing	Invert	Outlet Devices
#1	Primary	20.74'	**15.0" Round Ex. 15" RCP** L= 52.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 20.74' / 20.12' S= 0.0119 '/' Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 1.23 sf

Primary OutFlow Max=0.51 cfs @ 12.01 hrs HW=21.11' TW=20.44' (Dynamic Tailwater)
↑—**1=Ex. 15" RCP** (Inlet Controls 0.51 cfs @ 1.64 fps)

Summary for Pond SP1: Ex. Stormwater Planter

Inflow Area = 10,733 sf, 93.69% Impervious, Inflow Depth = 1.41" for WQv event
Inflow = 0.46 cfs @ 12.01 hrs, Volume= 1,259 cf
Outflow = 0.03 cfs @ 11.57 hrs, Volume= 1,259 cf, Atten= 93%, Lag= 0.0 min
Primary = 0.03 cfs @ 11.57 hrs, Volume= 1,259 cf
Routed to Pond 2P : Ex. Drainage Manhole

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 27.22' @ 12.99 hrs Surf.Area= 669 sf Storage= 482 cf

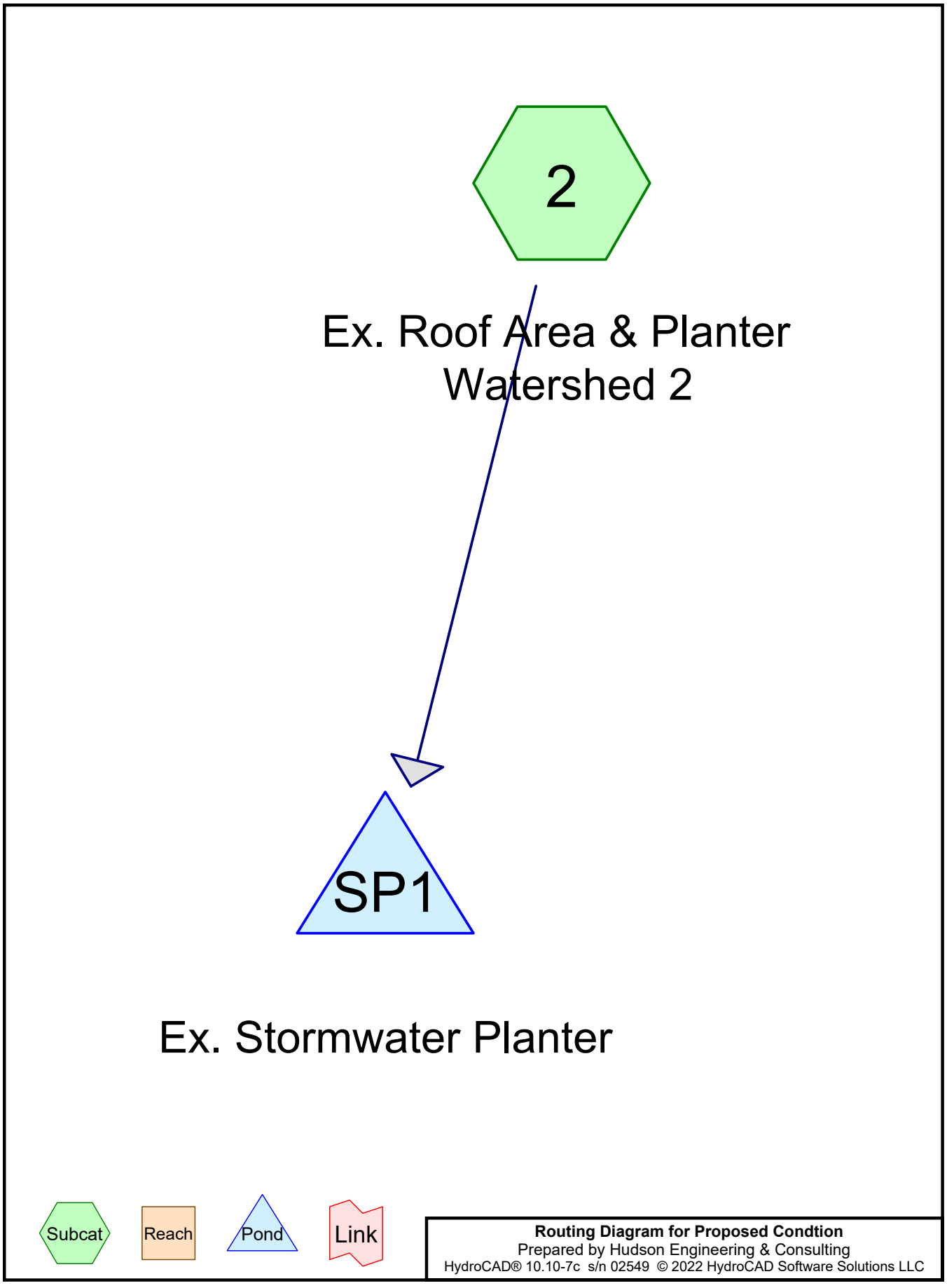
Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 120.3 min (899.3 - 778.9)

Volume	Invert	Avail.Storage	Storage Description
#1	26.50'	1,004 cf	**Custom Stage Data (Prismatic)**Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
26.50	669	0	0
28.00	669	1,004	1,004

Device	Routing	Invert	Outlet Devices
#1	Primary	23.50'	**12.0" Round Culvert** L= 64.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.50' / 22.26' S= 0.0194 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf
#2	Device 1	27.75'	**6.0" Horiz. Orifice/Grate X 10.00** C= 0.600 Limited to weir flow at low heads
#3	Device 1	26.50'	**2.000 in/hr Exfiltration over Surface area**

Primary OutFlow Max=0.03 cfs @ 11.57 hrs HW=26.52' TW=22.29' (Dynamic Tailwater)
↑└─**1=Culvert** (Passes 0.03 cfs of 4.74 cfs potential flow)
↑ ├─**2=Orifice/Grate** (Controls 0.00 cfs)
└─**3=Exfiltration** (Exfiltration Controls 0.03 cfs)



Routing Diagram for Proposed Condtion
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Summary for Subcatchment 2: Ex. Roof Area & Planter Watershed 2

Runoff = 0.46 cfs @ 12.01 hrs, Volume= 1,259 cf, Depth= 1.41"
Routed to Pond SP1 : Ex. Stormwater Planter

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr WQv Rainfall=1.73"

	Area (sf)	CN	Description
*	10,056	98	Roof
*	677	79	Planter
	10,733	97	Weighted Average
	677		6.31% Pervious Area
	10,056		93.69% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Pond SP1: Ex. Stormwater Planter

Inflow Area = 10,733 sf, 93.69% Impervious, Inflow Depth = 1.41" for WQv event
Inflow = 0.46 cfs @ 12.01 hrs, Volume= 1,259 cf
Outflow = 0.03 cfs @ 11.57 hrs, Volume= 1,259 cf, Atten= 93%, Lag= 0.0 min
Primary = 0.03 cfs @ 11.57 hrs, Volume= 1,259 cf

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 27.22' @ 12.99 hrs Surf.Area= 669 sf Storage= 482 cf

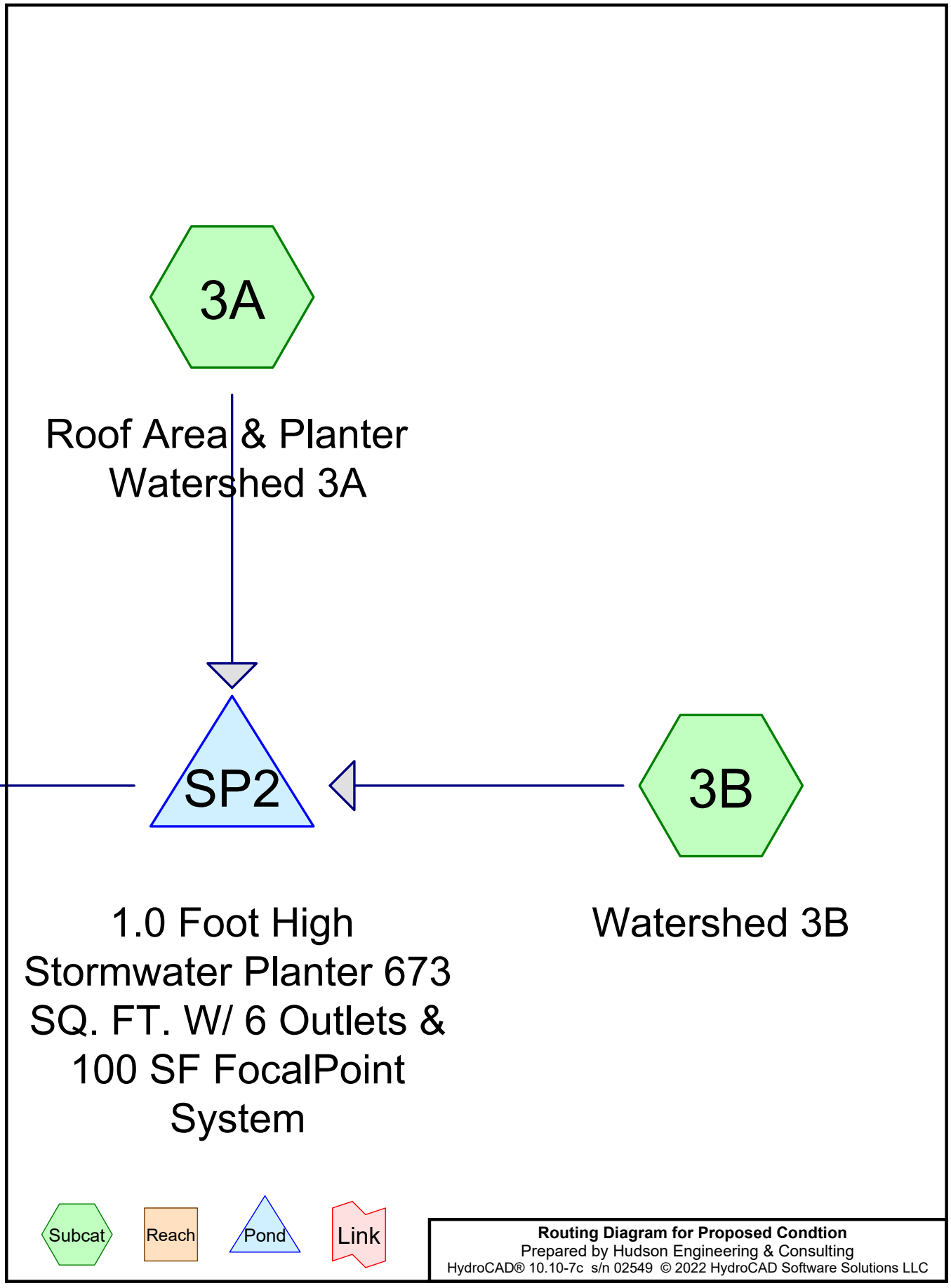
Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 120.3 min (899.3 - 778.9)

Volume	Invert	Avail.Storage	Storage Description
#1	26.50'	1,004 cf	**Custom Stage Data (Prismatic)**Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
26.50	669	0	0
28.00	669	1,004	1,004

Device	Routing	Invert	Outlet Devices
#1	Primary	23.50'	**12.0" Round Culvert** L= 64.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 23.50' / 22.26' S= 0.0194 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 0.79 sf
#2	Device 1	27.75'	**6.0" Horiz. Orifice/Grate X 10.00** C= 0.600 Limited to weir flow at low heads
#3	Device 1	26.50'	**2.000 in/hr Exfiltration over Surface area**

Primary OutFlow Max=0.03 cfs @ 11.57 hrs HW=26.52' (Free Discharge)
└**1=Culvert** (Passes 0.03 cfs of 4.74 cfs potential flow)
└**2=Orifice/Grate** (Controls 0.00 cfs)
└**3=Exfiltration** (Exfiltration Controls 0.03 cfs)


3A
Roof Area & Planter
Watershed 3A
SP2
3B
1.0 Foot High
Stormwater Planter 673
SQ. FT. W/ 6 Outlets &
100 SF FocalPoint
System
Watershed 3B
Subcat
Reach
Pond
Link
Routing Diagram for Proposed Condtion
Prepared by Hudson Engineering & Consulting
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Summary for Subcatchment 3A: Roof Area & Planter Watershed 3A

Runoff = 0.61 cfs @ 12.02 hrs, Volume= 1,634 cf, Depth= 1.31"
Routed to Pond SP2 : 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint System

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr WQv Rainfall=1.73"

	Area (sf)	CN	Description
*	13,653	98	Roof
*	1,264	79	Planter
	14,917	96	Weighted Average
	1,264		8.47% Pervious Area
	13,653		91.53% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment 3B: Watershed 3B

Runoff = 0.20 cfs @ 12.01 hrs, Volume= 562 cf, Depth= 1.51"
Routed to Pond SP2 : 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint System

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs
Type III 24-hr WQv Rainfall=1.73"

	Area (sf)	CN	Description
*	4,472	98	Parking Lot
	4,472		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0	74	0.0180	1.29		**Sheet Flow, A-B**
					Smooth surfaces n= 0.011 P2= 3.45"

mmary for Pond SP2: 1.0 Foot High Stormwater Planter 673 SQ. FT. W/ 6 Outlets & 100 SF FocalPoint Sy

Inflow Area = 19,389 sf, 93.48% Impervious, Inflow Depth = 1.36" for WQv event
Inflow = 0.81 cfs @ 12.02 hrs, Volume= 2,195 cf
Outflow = 0.23 cfs @ 11.81 hrs, Volume= 2,197 cf, Atten= 71%, Lag= 0.0 min
Primary = 0.23 cfs @ 11.81 hrs, Volume= 2,197 cf
Routed to Reach DP-2 : Ex. Catch Basin

Routing by Dyn-Stor-Ind method, Time Span= 0.00-60.00 hrs, dt= 0.01 hrs / 3
Peak Elev= 21.73' @ 12.29 hrs Surf.Area= 100 sf Storage= 307 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow)
Center-of-Mass det. time= 5.6 min (788.8 - 783.2)

Volume	Invert	Avail.Storage	Storage Description
#1	19.33'	45 cf	**2.00'W x 50.00'L x 2.25'H FocalPoint** 225 cf Overall x 20.0% Voids
#2	21.58'	1,309 cf	**Stormwater Planter (Prismatic)**Listed below (Recalc) -Impervious
		1,354 cf	Total Available Storage

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
21.58	1,745	0	0
22.08	1,745	873	873
22.33	1,745	436	1,309

Device	Routing	Invert	Outlet Devices
#1	Primary	19.00'	**12.0" Round Culvert** L= 19.0' CPP, projecting, no headwall, Ke= 0.900 Inlet / Outlet Invert= 19.00' / 18.77' S= 0.0121 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Device 1	19.33'	**100.000 in/hr Exfiltration over Surface area**
#3	Device 1	22.08'	**8.0" Horiz. Orifice/Grate X 6.00** C= 0.600 Limited to weir flow at low heads

Primary OutFlow Max=0.23 cfs @ 11.81 hrs HW=19.38' TW=0.00' (Dynamic Tailwater)
└─**1=Culvert** (Passes 0.23 cfs of 0.46 cfs potential flow)
  ├─**2=Exfiltration** (Exfiltration Controls 0.23 cfs)
  └─**3=Orifice/Grate** (Controls 0.00 cfs)

9.) AquaSwirl Sizing Chart & Spec Sheet

Aqua-Swirl®
Stormwater Treatment System

Inspection and Maintenance Manual

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March 2014

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AquaShield™, Inc
Stormwater Treatment Solutions

The highest priority of AquaShield™, Inc. (AquaShield™) is to protect waterways by providing stormwater treatment solutions to businesses across the world. These solutions have a reliable foundation based on over 20 years of water treatment experience.

Local regulators, engineers, and contractors have praised the AquaShield™ systems for their simple design and ease of installation. All the systems are fabricated from high performance, durable and lightweight materials. Contractors prefer the quick and simple installation of our structures that saves them money.

The patented line of AquaShield™ stormwater treatment products that provide high levels of stormwater treatment include the following:

- **Aqua-Swirl® Stormwater Treatment System:** hydrodynamic separator, which provides a highly effective means for the removal of sediment, floating debris and free-oil.

- **Aqua-Filter™ Stormwater Filtration System:** treatment train stormwater filtration system capable of removing gross contaminants, fine sediments, waterborne hydrocarbons, heavy metals and total phosphorous.

Aqua-Swirl® Stormwater Treatment System

Aqua-Filter™ Stormwater Filtration System

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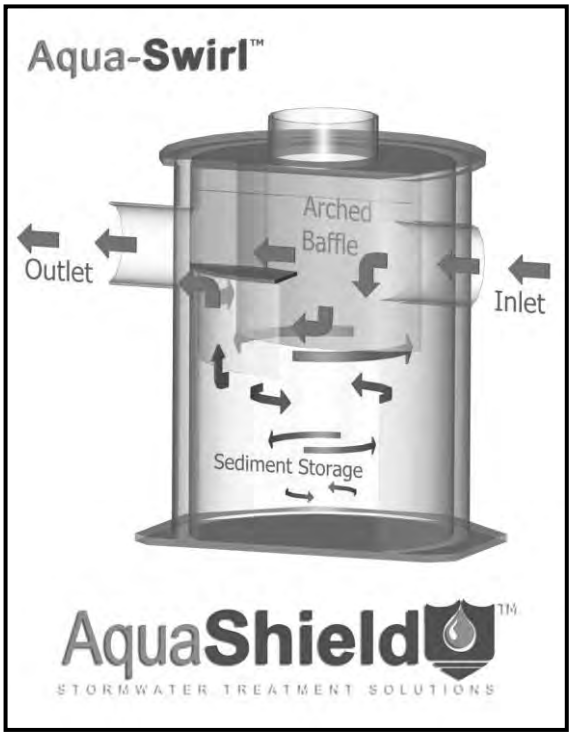
Aqua-Swirl® Stormwater Treatment System

The patented Aqua-Swirl® Stormwater Treatment System is a single chamber hydrodynamic separator which provides a highly effective means for the removal of sediment, free oil, and floating debris. Both treatment and storage are accomplished in the swirl chamber without the use of multiple or "blind" chambers. Independent laboratory and field performance verifications have shown that the Aqua-Swirl® achieves over 80% suspended solids removal efficiency on a net annual basis.

The Aqua-Swirl® is most commonly installed in an "off-line" configuration. Or, depending on local regulations, an "in-line" (on-line) conveyance flow diversion (CFD) system can be used. The CFD model allows simple installation by connecting directly to the existing storm conveyance pipe thereby providing full treatment of the "first flush," while the peak design storm is diverted and channeled through the main conveyance pipe.



The patented Aqua-Swirl® Stormwater Treatment System provides a highly effective means for the removal of sediment, floating debris, and free oil. Swirl technology, or vortex separation, is a proven form of treatment utilized in the stormwater industry to accelerate gravitational separation.

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Floatable debris in the Aqua-Swirl®

Each Aqua-Swirl® is constructed of high performance, lightweight and durable materials including polymer coated steel (PCS), high density polyethylene (HDPE), or fiberglass reinforced polymer (FRP). These materials eliminate the need for heavy lifting equipment during installation.

System Operation

The treatment operation begins when stormwater enters the Aqua-Swirl® through a tangential inlet pipe that produces a circular (or vortex) flow pattern that causes contaminates to settle to the base of the unit. Since stormwater flow is intermittent by nature, the Aqua-Swirl® retains water between storm events providing both dynamic and quiescent settling of solids. The dynamic settling occurs during each storm event while the quiescent settling takes place between successive storms. A combination of gravitational and hydrodynamic drag forces encourages the solids to drop out of the flow and migrate to the center of the chamber where velocities are the lowest.

The treated flow then exits the Aqua-Swirl® behind the arched outer baffle. The top of the baffle is sealed across the treatment channel, thereby eliminating floatable pollutants from escaping the system. A vent pipe is extended up the riser to expose the backside of the baffle to atmospheric conditions, preventing a siphon from forming at the bottom of the baffle.

Custom Applications

The Aqua-Swirl® system can be modified to fit a variety of purposes in the field, and the angles for inlet and outlet lines can be modified to fit most applications. The photo below demonstrates the flexibility of Aqua-Swirl® installations using a “twin” configuration in order to double the

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water quality treatment capacity. Two Aqua-Swirl® units were placed side by side in order to treat a high volume of water while occupying a small amount of space.

Custom designed AS-9 Twin Aqua-Swirl®

Retrofit Applications

The Aqua-Swirl® system is designed so that it can easily be used for retrofit applications. With the invert of the inlet and outlet pipe at the same elevation, the Aqua-Swirl® can easily be connected directly to the existing storm conveyance drainage system. Furthermore, because of the lightweight nature and small footprint of the Aqua-Swirl®, existing infrastructure utilities (i.e., wires, poles, trees) would be unaffected by installation.

AquaShield™ Product System Maintenance

The long term performance of any stormwater treatment structure, including manufactured or land based systems, depends on a consistent maintenance plan. Inspection and maintenance functions are simple and easy for the AquaShield™ Stormwater Treatment Systems allowing all inspections to be performed from the surface.

It is important that a routine inspection and maintenance program be established for each unit based on: (a) the volume or load of the contaminants of concern, (b) the frequency of releases of contaminants at the facility or location, and (c) the nature of the area being drained.

In order to ensure that our systems are being maintained properly, AquaShield™ offers a maintenance solution to all of our customers. We will arrange to have maintenance performed.

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Inspection

All AquaShield™ products can be inspected from the surface, eliminating the need to enter the systems to determine when cleanout should be performed. In most cases, AquaShield™ recommends a quarterly inspection for the first year of operation to develop an appropriate schedule of maintenance. Based on experience of the system's first year in operation, we recommend that the inspection schedule be revised to reflect the site-specific conditions encountered. Typically, the inspection schedule for subsequent years is reduced to semi-annual inspection.

Aqua-Swirl® Maintenance

The Aqua-Swirl® has been designed to minimize and simplify the inspection and maintenance process. The single chamber system can be inspected and maintained entirely from the surface thereby eliminating the need for confined space entry. Furthermore, the entire structure (specifically, the floor) is accessible for visual inspection from the surface. There are no areas of the structure that are blocked from visual inspection or periodic cleaning. Inspection of any free-floating oil and floatable debris can be directly observed and maintained through the manhole access provided directly over the swirl chamber.

Aqua-Swirl® Inspection Procedure

To inspect the Aqua-Swirl®, a hook is needed to remove the manhole cover. AquaShield™ provides a customized manhole cover with our distinctive logo to make it easy for maintenance crews to locate the system in the field. We also provide a permanent metal information plate

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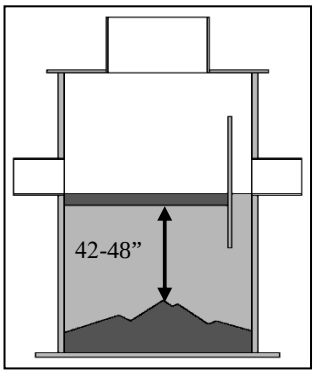
affixed inside the access riser which provides our contact information, the Aqua-Swirl® model size, and serial number.

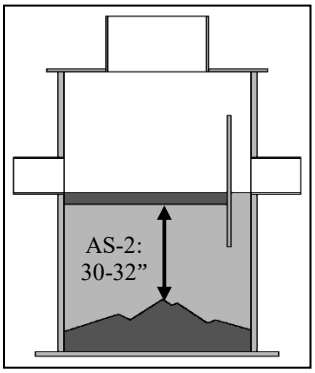
The only tools needed to inspect the Aqua-Swirl® system are a flashlight and a measuring device such as a stadia rod or pole. Given the easy and direct accessibility provided, floating oil and debris can be observed directly from the surface. Sediment depths can easily be determined by lowering a measuring device to the top of the sediment pile and to the surface of the water.

Sediment inspection using a stadia rod in a single chamber

The maintenance trigger for Aqua-Swirl® Models AS-3 through AS-13 occurs when the sediment pile is within 42 to 48 inches of the standing water surface. For the Aqua-Swirl® Model AS-2, maintenance is needed when the top of the sediment pile is measured to be 30 to 32 inches below the standing water surface.



Maintenance trigger for Aqua-Swirl® Models AS-3 through AS-13 occurs when sediment pile is 42-48 inches below water surface.



Maintenance trigger for Aqua-Swirl® Model AS-2 occurs when sediment pile is 30 to 32 inches below water surface.

It should be noted that in order to avoid underestimating the volume of sediment in the chamber, the measuring device must be carefully lowered to the *top* of the sediment pile. Keep in mind that the finer sediment at the top of the pile may offer less resistance to the measuring device than the larger particles which typically occur deeper within the sediment pile.

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The Aqua-Swirl® design allows for the sediment to accumulate in a semi-conical fashion as illustrated above. That is, the depth to sediment as measured below the water surface may be less in the center of the swirl chamber; and likewise, may be greater at the edges of the swirl chamber.

Aqua-Swirl® Cleanout Procedure

Cleaning the Aqua-Swirl® is simple and quick. Free-floating oil and floatable debris can be observed and removed directly through the 30-inch service access riser provided. A vacuum truck is typically used to remove the accumulated sediment and debris. An advantage of the Aqua-Swirl® design is that the entire sediment storage area can be reached with a vacuum hose from the surface (reaching all the sides). Since there are no multiple or limited (hidden or "blind") chambers in the Aqua-Swirl®, there are no restrictions to impede on-site maintenance tasks.

Disposal of Recovered Materials

Disposal of recovered material is typically handled in the same fashion as catch basin cleanouts. AquaShield™ recommends that all maintenance activities be performed in accordance with appropriate health and safety practices for the tasks and equipment being used.

AquaShield™ also recommends that all materials removed from the Aqua-Swirl® and any external structures (e.g, bypass features) be handled and disposed in full accordance with any applicable local and state requirements.

Vacuum truck quickly cleans the Aqua-Swirl® from a single chamber

Aqua-Swirl® Inspection and Maintenance Work Sheets on following pages

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Aqua-Swirl® Inspection and Maintenance Manual
Work Sheets

SITE and OWNER INFORMATION

Site Name: _____

Site Location: _____

Date: _____ Time: _____

Inspector Name: _____

Inspector Company: _____ Phone #: _____

Owner Name: _____

Owner Address: _____

Owner Phone #: _____ Emergency Phone #: _____

INSPECTIONS

I. Floatable Debris and Oil

1. Remove manhole lid to expose liquid surface of the Aqua-Swirl®.
2. Remove floatable debris with basket or net if any present.
3. If oil is present, measure its depth. Clean liquids from system if one half (½) inch or more oil is present.

   Note: Water in Aqua-Swirl® can appear black and similar to oil due to the dark body of the surrounding structure. Oil may appear darker than water in the system and is usually accompanied by oil stained debris (e.g. Styrofoam, etc.). The depth of oil can be measured with an oil/water interface probe, a stadia rod with water finding paste, a coliwasa, or collect a representative sample with a jar attached to a rod.

II. Sediment Accumulation

1. Lower measuring device (e.g. stadia rod) into swirl chamber through service access provided until top of sediment pile is reached.
2. Record distance to top of sediment pile from top of standing water: _____ inches
3. For Aqua-Swirl® Models AS-3 through AS-13, schedule cleaning if value in Step #2 is 48 to 42 inches or less.
4. For Aqua-Swirl® Model AS-2, schedule cleaning if value in Step #2 is 32 to 30 inches or less.

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III. Diversion Structures (External Bypass Features)

If a diversion (external bypass) configuration is present, it should be inspected as follows:

1. Inspect weir or other bypass feature for structural decay or damage. Weirs are more susceptible to damage than off-set piping and should be checked to confirm that they are not crumbling (concrete or brick) or decaying (steel).
2. Inspect diversion structure and bypass piping for signs of structural damage or blockage from debris or sediment accumulation.
3. When feasible, measure elevations on diversion weir or piping to ensure it is consistent with site plan designs.
4. Inspect downstream (convergence) structure(s) for sign of blockage or structural failure as noted above.

CLEANING

Schedule cleaning with local vactor company or AquaShield™ to remove sediment, oil and other floatable pollutants. The captured material generally does not require special treatment or handling for disposal. Site-specific conditions or the presence of known contaminants may necessitate that appropriate actions be taken to clean and dispose of materials captured and retained by the Aqua-Swirl®. All cleaning activities should be performed in accordance with property health and safety procedures.

AquaShield™ always recommends that all materials removed from the Aqua-Swirl® during the maintenance process be handled and disposed in accordance with local and state environmental or other regulatory requirements.

MAINTENANCE SCHEDULE

I. During Construction

Inspect the Aqua-Swirl® every three (3) months and clean the system as needed. The Aqua-Swirl® should be inspected and cleaned at the end of construction regardless of whether it has reached its maintenance trigger.

II. First Year Post-Construction

Inspect the Aqua-Swirl® every three (3) months and clean the system as needed.

Inspect and clean the system once annually regardless of whether it has reached its sediment or floatable pollutant storage capacity.

III. Second and Subsequent Years Post-Construction

If the Aqua-Swirl® did not reach full sediment or floatable pollutant capacity in the First Year Post-Construction period, the system can be inspected and cleaned once annually.

If the Aqua-Swirl® reached full sediment or floatable pollutant capacity in less than 12 months in the First Year Post-Construction period, the system should be inspected once

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every six (6) months and cleaned as needed. The Aqua-Swirl® should be cleaned annually regardless of whether it reaches its sediment or floatable pollutant capacity.

IV. Bypass Structures

Bypass structures should be inspected whenever the Aqua-Swirl® is inspected. Maintenance should be performed on bypass structures as needed.

MAINTENANCE COMPANY INFORMATION

Company Name: _____

Street Address: _____

City: _____ State/Prov.:_____ Zip/Postal Code: _____

Contact: _____ Title: _____

Office Phone: _____ Cell Phone: _____

ACTIVITY LOG

Date of Cleaning: _____ (Next inspection should be 3 months from this data for first year).

Time of Cleaning: Start: _____ End: _____

Date of Next Inspection: _____

Floatable debris present: Yes No

Notes: _____

_____

_____

Oil present: Yes No Oil depth (inches): _____

Measurement method and notes: _____

_____

_____

STRUCTURAL CONDITIONS and OBSERVATIONS

Structural damage: Yes No Where: _____

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Structural wear: Yes No Where: _____

Odors present: Yes No Describe: _____

Clogging: Yes No Describe: _____

Other Observations: _____

_____

_____

NOTES

Additional Comments and/or Actions To Be Taken	Time Frame

ATTACHMENTS

- Attach site plan showing Aqua-Swirl® location.
- Attach detail drawing showing Aqua-Swirl® dimensions and model number.
- If a diversion configuration is used, attach details showing basic design and elevations (where feasible).

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Aqua-Swirl®

TABULAR MAINTENANCE SCHEDULE

Date Construction Started: _____

Date Construction Ended: _____

During Construction

	Month											
Activity	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Inspect and Clean as needed			X			X			X			X
Inspect Bypass and maintain as needed			X			X			X			X
Clean System*												X*

* The Aqua-Swirl® should be cleaned **once a year** regardless of whether it has reached full pollutant storage capacity. In addition, the system should be cleaned at the **end of construction** regardless of whether it has reach full pollutant storage capacity.

First Year Post-Construction

	Month											
Activity	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Inspect and Clean as needed			X			X			X			X
Inspect Bypass and maintain as needed			X			X			X			X
Clean System*												X*

* The Aqua-Swirl® should be cleaned **once a year** regardless of whether it has reached full pollutant storage capacity.

Second and Subsequent Years Post-Construction

	Month											
Activity	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Inspect and Clean as needed												X*
Inspect Bypass, maintain as needed												X*
Clean System*												X*

* If the Aqua-Swirl® did **not** reach full sediment or floatable pollutant capacity in the First Year Post-Construction period, the system can be inspected and cleaned once annually.

If the Aqua-Swirl® **reached** full sediment or floatable pollutant capacity in less than 12 months in the First Year Post-Construction period, the system should be inspected once every six (6) months or more frequently if past history warrants, and cleaned as needed. The Aqua-Swirl® should be cleaned annually regardless of whether it reaches its full sediment or floatable pollutant capacity.

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Aqua-Swirl™ Sizing Chart *(English)*

Aqua-Swirl™ Model	Swirl Chamber Diameter (ft.)	Maximum Stub-Out Pipe Outer Diameter (in.)		Water Quality Treatment Flow[2] (cfs)	Oil/Debris Storage Capacity (gal)	Sediment Storage Capacity (ft^3)
		On/Offline	CFD[1]			
AS-2	2.50	8	12	1.1	37	10
AS-3	3.25	10	16	1.8	110	20
AS-4	4.25	12	18	3.2	190	32
AS-5	5.00	12	24	4.4	270	45
AS-6	6.00	14	30	6.3	390	65
AS-7	7.00	16	36	8.6	540	90
AS-8	8.00	18	42	11.2	710	115
AS-9	9.00	20	48	14.2	910	145
AS-10	10.0	22	54	17.5	1130	180
AS-12	12.0	24	48	25.2	1698	270
AS-XX	Custom	--	--	>26	--	--

***Higher water quality treatment flow rates can be designed with multiple swirls.**

1) *The **Aqua-Swirl™ Conveyance Flow Diversion (CFD)** provides full treatment of the "first flush," while the peak design storm is diverted and channeled through the main conveyance pipe. Please refer to your local representative for more information.*

2) *Many regulatory agencies are establishing "water quality treatment flow rates" for their areas based on the initial movement of pollutants into the storm drainage system. The treatment flow rate of the Aqua-Swirl™ system is engineered to meet or exceed the local water quality treatment criteria. This **"water quality treatment flow rate"** typically represents approximately 90% to 95% of the total annual runoff volume.*

The design and orientation of the Aqua-Filter™ generally entails some degree of customization. For assistance in design and specific sizing using historical rainfall data, please refer to an AquaShield™ representative or visit our website at www.AquaShieldInc.com. CAD details and specifications are available upon request.

10.) FocalPoint Biofilter System

Designing with FocalPoint in New York

Utilizing a High Performance Modular Biofiltration System for New Development, Redevelopment and Retrofit Projects

The New York State Department of Environmental Conservation (NYS DEC) has approved the FocalPoint (High Performance Modular Biofiltration System) as a proprietary stormwater management practice for use on New Development, Redevelopment and Retrofit Projects.

SYSTEM OVERVIEW:

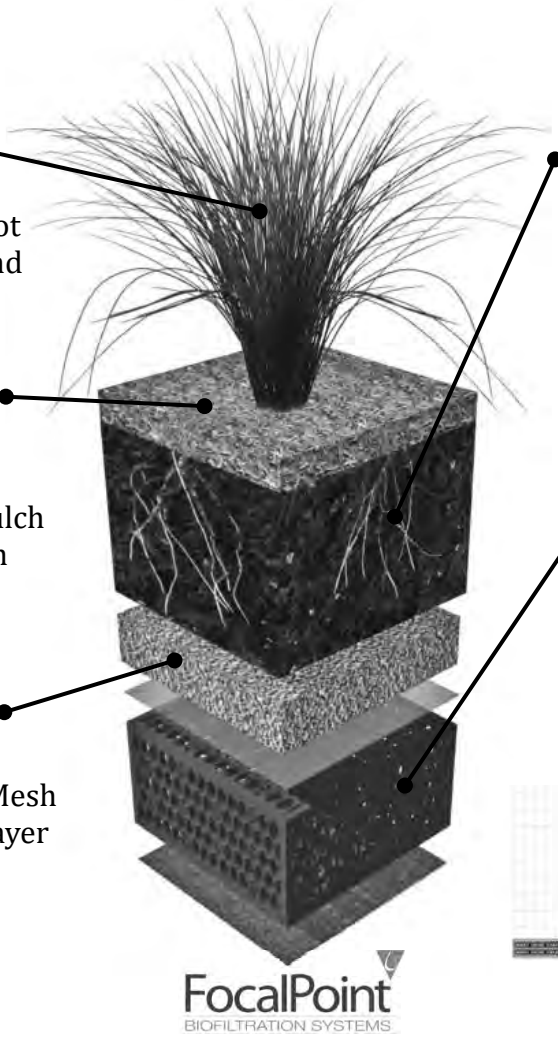
The FocalPoint is an ultra-efficient, modular biofiltration system that treats and drains large volumes of stormwater runoff in a small footprint to meet post construction stormwater treatment requirements. The system can be installed along the edge of a roadway behind curb line, in landscaped stormwater basins and be incorporated into an urban green infrastructure streetscape. As an innovative micro-scale practice, the FocalPoint overcomes many of the inherent challenges with traditional micro-bioretention and other similar BMPs – improving media quality control, reduction in space needed and reduced maintenance footprint, and elimination of clog-prone geotextiles.

SYSTEM COMPONENTS:

Vegetated System:
Plants process pollutants removed from run-off and root system maintains drainage and aeration of media.

3" Layer of Shredded Hardwood Mulch:
Pre-treatment mechanism.
Removal and Replacement of Mulch Represents the Bulk of System Maintenance!

6" Bridging Stone & Separation Layer:
Clog-Proof Clean Stone & Micro-Mesh Replace Traditional Geotextile Layer
No geotextile = no clogging



18" High Performance Media:
Flows at 100" Per Hour / 200 ft per day
Resistant to Clogging

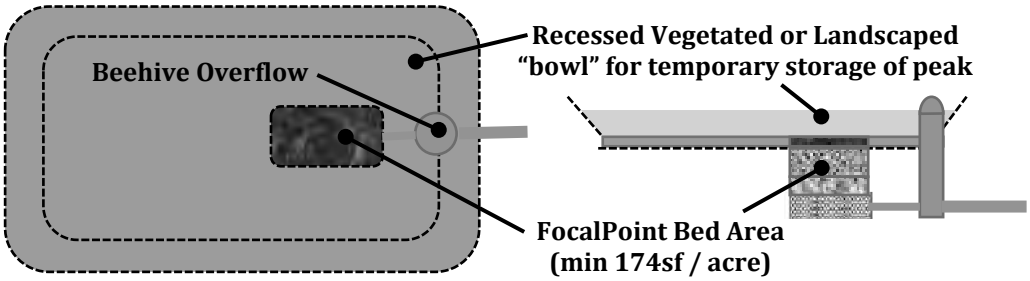
3rd Party Field and Lab Test Verified for 91% TSS, 66% P and 48% N

High Performance Underdrain:
9.45" Modular Tank, or "Flat Pipe" w/95% Open Surface Collects Water Efficiently.
Expand into Modular Tanks for Larger Storage Needs.

SIZING SUMMARY:

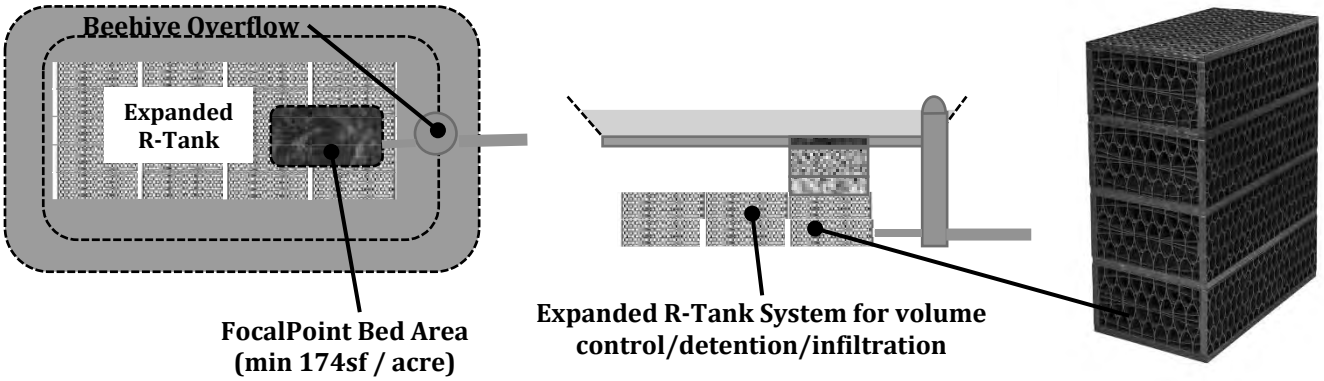
Water Quality (WQ) Treatment Only projects:

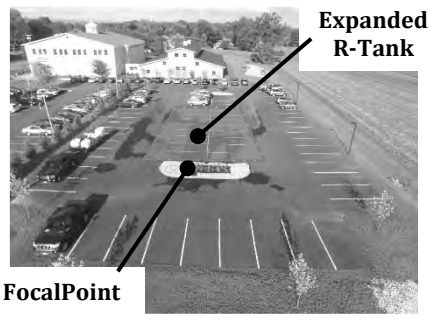
- The surface area of the FocalPoint media bed must be a minimum of **174 square feet per 1 acre of impervious area**
- The system must also be modelled in HydroCAD (or similar TR-55 modelling software) to demonstrate that the entire volume of a Type II or Type III (depending on region) 24 hr storm is treated prior to activation of the bypass/overflow (typically set at 6-12" above the mulch surface). Note: a 1.20 to 1.50 inch rainfall event typically generates 1.0 inches of runoff depending on watershed characteristics



Managing Larger Storms (with expanded infiltration or detention):

The R-Tank modular underdrain at the bottom of the FocalPoint gives the designer the opportunity to satisfy both WQv, Channel Protection, Recharge and Detention for controlled release of major storm events all within one system. The R-Tank can be expanded both vertically and horizontally to meet the volume/storage goals to ensure runoff is not only treated by the FocalPoint but also achieves post development peak flowrate control. The benefit to designers is that the R-Tank portion of the system can be built under parking areas (H-20, HS-25 load rated) to improve site surface utilization.



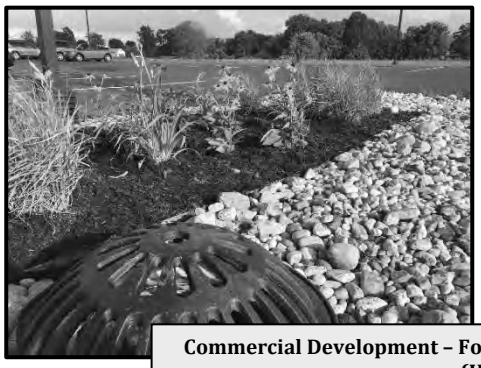


Site Development Project Examples:

Housing Development – FocalPoint with Expanded R-Tank system (Portland, ME)

Grant Funded WQ Project – FocalPoint (Ogunquit, ME)

Site Development Project – FocalPoint (Portland, ME)



Commercial Development – FocalPoint with Expanded R-Tank system (Hadley, MA)

Urban Streetscape Project FocalPoint

Sports Facility – FocalPoint (Washington D.C.)

Grant Funded WQ Project – FocalPoint (Kittery, ME)

Urban Streetscape Installation FocalPoint

Premixed, certified FocalPoint Materials/Components

Site Development Project – FocalPoint with Expanded R-Tank – Newington NH

ACCESSORY ITEMS TO CONSIDER:

Rain Guardian Turret/Foxhole Curbline precast pretreatment unit for collection of sediment and energy dissipation.

ACF Beehive Overflow Filter
Domed riser with geotextile insert for collection of gross solids during major storm events.

DESIGN SUPPORT:

ACF and Fabco's in house engineering support team provide site specific technical support to engineers, designers, landscape architects and contractors. ACF realizes that engineers today are working on several projects at one time and are always working against low engineering design budgets. The intent of our technical support is to not only provide you with product information but to work alongside you and develop solutions to your site development design challenges.

We offer site specific design computations and conceptual layout support at no charge which we typically bind up with all relevant attachments in a design "Sketchbook" - a helpful tool that ultimately brings value and saves you time and associated cost as you work through incorporating this innovative solution into your design plans.

CONTACT ACF ENVIRONMENTAL:

Bill Stoecker — bill@energysmartsolutionsinc.com

BMP Specialist - Fabco Industries — *(800) 559 2450*

Robert J Woodman – P.E., C.P.E.S.C — rwoodman@acfenv.com

Senior Stormwater Engineer – ACF Environmental

ACF ENVIRONMENTAL
LET'S GET IT DONE

FocalPoint

BIOFILTRATION SYSTEMS

HIGH PERFORMANCE MODULAR BIOFILTRATION SYSTEM (HPMBS)

Operations & Maintenance

ACF ENVIRONMENTAL

Customer Focused, Environmentally Committed

GENERAL DESCRIPTION

The following general specifications describe the general operations and maintenance requirements for the FocalPoint® High Performance Modular Biofiltration System (HPMBS). The system utilizes physical, chemical and biological mechanisms of a soil, plant and microbe complex to remove pollutants typically found in urban stormwater runoff. The treatment system is a fully equipped, modular, constructed in place system designed to treat contaminated runoff.

Stormwater enters the FocalPoint® HPMBS, is filtered by the High Flow Biofiltration Media and passes through to the underdrain/storage system where the treated water is detained, retained or infiltrated to sub-soils, prior to discharge to the storm sewer system of any remaining flow.

Higher flows bypass the FocalPoint® HPMBS via a downstream inlet or other overflow conveyance. Maintenance is a simple, inexpensive and safe operation that does not require confined space entry, pumping or vacuum equipment, or specialized tools. Properly trained landscape personnel can effectively maintain FocalPoint® HPMBS by following instructions in this manual.

BASIC OPERATIONS

FocalPoint® is a modular, high performance biofiltration system that often works in tandem with other integrated management practices (IMP). Contaminated stormwater runoff enters the biofiltration bed through a conveyance swale, planter box, or directly through a curb cut or false inlet. Energy is dissipated by a rock or vegetative dissipation device and is absorbed by a 3-inch layer of aged, double shredded hardwood mulch, with fines removed, (when specified) on the surface of the biofiltration media.

As the water passes through the mulch layer, most of the larger sediment particles and heavy metals are removed through sedimentation and chemical reactions with the organic material in the mulch. Water passes through the biofiltration media where the finer particles are removed and numerous chemical reactions take place to immobilize and capture pollutants in the soil media.

The cleansed water passes into the underdrain/storage system and remaining flows are directed to a storm sewer system or other appropriate discharge point. Once the pollutants are in the soil, bacteria begin to break down and metabolize the materials and the plants begin to uptake and metabolize the pollutants. Some pollutants such as heavy metals, which are chemically bound to organic particles in the mulch, are released over time as the organic matter decomposes to release the metals to the feeder roots of the plants and the cells of the bacteria in the soil where they remain and are recycled. Other pollutants such as phosphorus are chemically bound to the soil particles and released slowly back to the plants and bacteria and used in their metabolic processes. Nitrogen goes through a variety of very complex biochemical processes where it can ultimately end up in the plant/bacteria biomass, turned to nitrogen gas or dissolves back into the water column as nitrates depending on soil temperature, pH and the availability of oxygen. The pollutants ultimately are retained in the mulch, soil and biomass with some passing out of the system into the air or back into the water.

DESIGN AND INSTALLATION

Each project presents different scopes for the use of FocalPoint® HPMBS. To ensure the safe and specified function of this stormwater BMP, Convergent Water Technologies and/or its Value Added Resellers (VAR) review each application before supply. Information and design assistance is available to the design engineer during the planning process. Correct FocalPoint® sizing is essential to optimum performance. The engineer shall submit calculations for approval by the local jurisdiction when required. The contractor and/or VAR is responsible for the correct installation of FocalPoint® HPMBS units as described in approved plans. A comprehensive installation manual is available at www.convergentwater.com.

MAINTENANCE

Why Maintain?

All stormwater treatment systems require maintenance for effective operation. This necessity is often incorporated in your property's permitting process as a legally binding BMP maintenance agreement. Other reasons for maintenance include:

- Avoid legal challenges from your jurisdiction's maintenance enforcement program.
- Prolong the lifespan of your FocalPoint® HPMBS.
- Avoid costly repairs.
- Help reduce pollutant loads leaving your property.

Simple maintenance of the FocalPoint® HPMBS is required to continue effective pollutant removal from stormwater runoff before any discharge into downstream waters. This procedure will also extend the longevity of the living biofiltration system. The unit will recycle and accumulate pollutants within the biomass, but may also subjected to other materials entering the surface of the system. This may include trash, silt and leaves etc. which will be contained above the mulch and/or biofiltration media layer. Too much silt may inhibit the FocalPoint's® HPMBS flow rate, which is a primary reason for system maintenance. Removal of accumulated silt/sediment and/or replacement of the mulch layer (when specified), is an important activity that prevents over accumulation of such silt/sediment.

When to Maintain?

Convergent Water Technologies and/or its VAR includes a 1-year maintenance plan with each system purchased. Annual included maintenance consists of two (2) scheduled maintenance visits. Additional maintenance may be necessary depending on sediment and trash loading (by Owner or at additional cost). The start of the maintenance plan begins when the system is activated for full operation. Full operation is defined as when the site is appropriately stabilized, the unit is installed and activated (by VAR), i.e., when mulch (if specified) and plantings are added.

Activation should be avoided until the site is fully stabilized (full landscaping, grass cover, final paving and street sweeping completed). Maintenance visits are scheduled seasonally; the spring visit aims to clean up after winter loads including salts and sands. The fall visit helps the system by removing excessive leaf litter.

A first inspection to determine if maintenance is necessary should be performed at least twice annually after storm events of greater than (1) one inch total depth (subject to regional climate). Please refer to the maintenance checklist for specific conditions that indicate if maintenance is necessary.

It has been found that in regions which receive between 30-50 inches of annual rainfall, (2) two visits are generally required. Regions with less rainfall often only require (1) one visit per annum. Varying land uses can affect maintenance frequency.

Some sites may be subjected to extreme sediment or trash loads, requiring more frequent maintenance visits. This is the reason for detailed notes of maintenance actions per unit, helping the VAR/Maintenance contractor and Owner predict future maintenance frequencies, reflecting individual site conditions.

Owners must promptly notify the VAR/Maintenance contractor of any damage to the plant(s), which constitute(s) an integral part of the biofiltration technology. Owners should also advise other landscape or maintenance contractors to leave all maintenance of the FocalPoint® HPMBS to the VAR/Maintenance contractor (i.e. no pruning or fertilizing).

EXCLUSION OF SERVICES

It is the responsibility of the owner to provide adequate irrigation when necessary to the plant(s) in the FocalPoint® HPMBS.

Clean up due to major contamination such as oils, chemicals, toxic spills, etc. will result in additional costs and are not covered under the VAR/Maintenance contractor maintenance contract. Should a major contamination event occur, the Owner must block off the outlet pipe of the FocalPoint® (where the cleaned runoff drains to, such as drop-inlet) and block off the point where water enters of the FocalPoint® HPMBS. The VAR/Maintenance contractor should be informed immediately.

MAINTENANCE VISIT SUMMARY

Each maintenance visit consists of the following simple tasks (detailed instructions below).

1. Inspection of FocalPoint® HPMBS and surrounding area
2. Removal of debris, trash and mulch
3. Mulch replacement
4. Plant health evaluation (including measurements) and pruning or replacement as necessary
5. Clean area around FocalPoint® HPMBS
6. Complete paperwork, including date stamped photos of the tasks listed above.

MAINTENANCE TOOLS, SAFETY EQUIPMENT AND SUPPLIES

Ideal tools include: camera, bucket, shovel, broom, pruners, hoe/rake, and tape measure. Appropriate Personal Protective Equipment (PPE) should be used in accordance with local or company procedures. This may include impervious gloves where the type of trash is unknown, high visibility clothing and barricades when working in close proximity to traffic and also safety hats and shoes.

Inspection of FocalPoint® HPMBS and surrounding area

Record individual unit before maintenance with photograph (numbered). Record on Maintenance Report (see example in this document) the following:

- Standing Water yes | no
- Is Bypass Inlet Clear? yes | no
- Damage to HPMBS System yes | no
- to Overflow conveyance yes | no

Removal of Silt / Sediment / Clay

Dig out silt (if any) and mulch and remove trash & foreign items.

- Silt / Clay Found? yes | no
- Cups / Bags Found? yes | no
- Leaves? yes | no
- Volume of material removed _____ (volume or weight)

Removal of debris, trash and mulch

After removal of mulch and debris, measure distance from the top of the FocalPoint® HPMBS engineered media soil to the flow line elevation of the adjacent overflow conveyance. If this distance is greater than that specified on the plans (typ. 6" - 12"), add media (not top soil or other) to recharge to the distance specified.

- Distance to media surface to flow line of overflow conveyance (inches) _____
- # of Buckets of Media Added _____

Mulch Replacement

Most maintenance visits require only replacement mulch (if utilized) which must be, aged, double shredded hardwood mulch with fines removed. For smaller projects, one cubic foot of mulch will cover four square feet of biofiltration bed, and for larger projects, one cubic yard of mulch will cover 108 square feet of biofiltration bed. Some visits may require additional FocalPoint® HPMBS engineered soil media available from the VAR/Contractor.

- Add double shredded, aged hardwood mulch which has been screened to remove fines, evenly across the entire biofiltration media bed to a depth of 3".
- Clean accumulated sediment from energy dissipation system at the inlet to the FocalPoint® HPMBS to allow for entry of trash during a storm event.

Plant health evaluation and pruning or replacement as necessary

Examine the plant's health and replace if dead or dying.
Prune as necessary to encourage growth in the correct directions

- Height above Grate (feet) _____
- Width at Widest point (feet) _____
- Health alive | dead
- Damage to Plant yes | no

Clean area around FocalPoint® HPMBS

- Clean area around unit and remove all refuse to be disposed of appropriately.

Complete paperwork

- Deliver Maintenance Report and photographs as appropriate.
- Some jurisdictions may require submission of maintenance reports in accordance with approvals.
- It is the responsibility of the Owner to comply with local regulations.

FocalPoint

BIOFILTRATION SYSTEM

FocalPoint Warranty

Seller warrants goods sold hereunder against defects in materials and workmanship only, for a period of (1) year from date the Seller activates the system into service. Seller makes no other warranties, express or implied.

Seller's liability hereunder shall be conditioned upon the Buyer's installation, maintenance, and service of the goods in strict compliance with the written instructions and specifications provided by the Seller. Any deviation from Seller's instructions and specifications or any abuse or neglect shall void warranties.

In the event of any claim upon Seller's warranty, the burden shall be upon the Buyer to prove strict compliance with all instructions and specifications provided by the Seller.

Seller's liability hereunder shall be limited only to the cost or replacement of the goods. Buyer agrees that Seller shall not be liable for any consequential losses arising from the purchase, installation, and/or use of the goods.

Maintenance Checklist

Element	Problem	What To Check	Should Exist	Action
Inlet	Excessive sediment or trash accumulation	Accumulation of sediment or trash impair free flow of water into FocalPoint	Inlet free of obstructions allowing free flow into FocalPoint System	Sediments or trash should be removed
Mulch Cover	Trash and floatable debris accumulation	Excessive trash or debris accumulation.	Minimal trash or other debris on mulch cover	Trash and debris should be removed and mulch cover raked level. Ensure that bark nugget
Mulch Cover	Ponding of water on mulch cover	Ponding in unit could be indicative of clogging due to excessive fine sediment accumulation or spill of petroleum oils	Stormwater should drain freely and evenly over mulch cover.	Contact VAR for advice.
Plants	Plants not growing, or in poor condition	Soil/mulch too wet, evidence of spill. Pest infestation. Vandalism to plants.	Plants should be healthy and pest free.	Contact VAR for advice.
Plants	Plant growth excessive	Plants should be appropriate to the species and location of FocalPoint		Trim/prune plants in accordance with typical landscaping and

RTANK

STORMWATER DETENTION SYSTEM®

LD HD SD UD XD

LET'S GET IT DONE®

ACF ENVIRONMENTAL

Is your stormwater detention system taking up too much space? Bring it down to size with the R-Tank System, the most efficient and versatile underground stormwater storage system available today. Whether you need to reduce your system footprint to resolve a utility conflict or free up space for a future expansion, R-Tank will give you the smallest footprint, provide more options for vehicular loading and cover depths, and deliver more installation versatility than any other system around.

The R-Tank System includes five different module configurations, providing system height options from 2" to over 7' tall. And it delivers support for HS-20 and HS-25 traffic with cover depths from 6" all the way up to over 16'. Whether you're designing a project at the beach with minimal depth over the water table, or a deep system in the hills, R-Tank has you covered.

With an unlimited array of system footprints and configurations, R-Tank solves tough stormwater problems by perfectly adapting to the needs of your site. Give R-Tank a shot on your next project, and prepare to be impressed.

BENEFITS

High Capacity
- 95% void internal area

Strength
- Easily supports traffic loading from parking lots and roads
- Module options for HS-20 and HS-25 rating with cover depths from 6 inches to 16 feet

Design & Construction Versatility
- Combine modules into any shape to efficiently use space
- Vary height from 2 inches to 7 feet

Increased Infiltration and Exfiltration
- Outer shell is 90% open
- Increases groundwater recharge, reducing post-construction discharge volumes

Easy to Transport
- Can be supplied unassembled for reduced delivery costs

Lightweight and Quick to Install
- Installed by hand; no cranes required
- Reduces site access delays

Recycled Content
- Manufactured with recycled polypropylene

R-TANK LD
- Light Duty module (30 psi)
- Ideal for applications in green space
- Not rated for vehicular traffic
- 12" Minimum cover, 36" maximum cover
- Four internal plates

R-TANK HD
- Heavy Duty module (33.4 psi)
- Standard module for HS-20 traffic applications
- 20" Minimum cover, 84" Maximum cover
- Five internal plates

R-TANK SD
- Super Duty module (42.9 psi)
- Higher safety factors for shallow traffic applications and deeper cover
- 18" Minimum cover, 120" Maximum cover
- Five internal plates

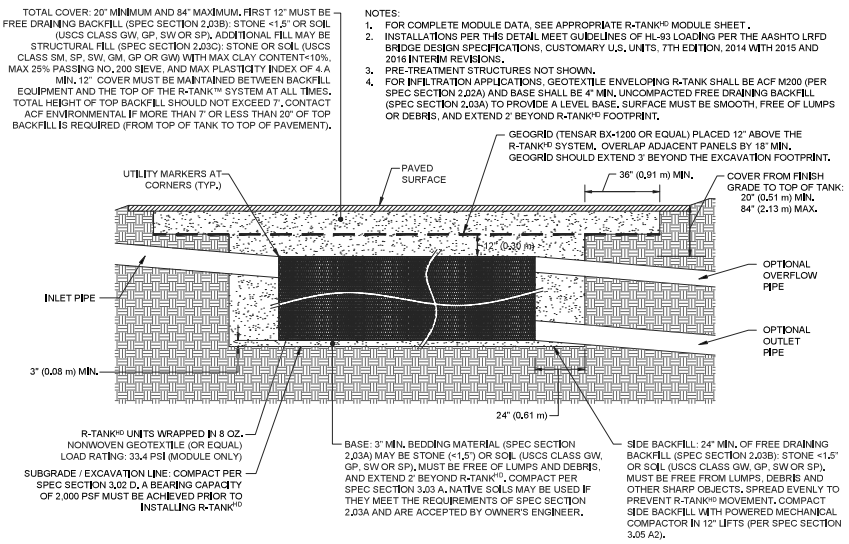
R-TANK UD
- Ultra Duty module (134.2 psi)
- Traffic loads with 12" of cover
- Available from 14" – 66" tall
- Ideal for high water table sites

R-TANK XD
- Extreme Duty module (320 psi)
- Traffic loads with 6" cover
- 16.5' maximum cover
- Available from 2" - 10' tall
- 90% void

DESIGN CONSIDERATIONS

Many factors will influence the design of the R-Tank® system. While this list is not intended to be all-inclusive, several design considerations are worth highlighting:

1. PRE-TREATMENT
2. BACKFILL MATERIALS
3. RUNOFF REDUCTION
4. WATER TABLE
5. CONSTRUCTION LOADS
6. LATERAL LOADS
7. R-TANK® MODULES
8. LOAD MODELING



1. PRE-TREATMENT

Removing pollutants from runoff before they enter an underground detention system is the only smart way to design & build a system. The best way to do that is with the Trash Guard Plus® (see page 6), but many other ways exist. Be sure the system you select will remove:

- Heavy Sediments
- Gross Pollutants (trash)
- Biodegradable Debris

2. BACKFILL MATERIALS

Backfill materials should be stone (smaller than 1.5" in diameter) or soil (GW, GP SW or SP as classified by the Unified Soil Classification System). Material must be free from lumps, debris and any sharp objects that could cut the geotextile. See the R-Tank® narrative specification section 2.03 for additional information.

3. RUNOFF REDUCTION

Most designs incorporate an outlet to drain the system at a controlled rate and/or an overflow to prevent flooding in extreme events. But be sure to take advantage of any infiltration you can achieve on the site. Consider raising the invert of your outlet or creating a sump to capture and infiltrate the water quality volume whenever possible.

4. WATER TABLE

While installing the R-Tank® below the water table is manageable, designers must be able to create a stable base and account for the system's ability to drain this water out or limit its ability to enter the system. If a liner is used to prevent ground water from entering the system, measures must be taken to prevent the system from floating.

5. CONSTRUCTION LOADS

Construction loads are often the heaviest loads the system will see throughout its life. Care must be taken during backfilling and compaction using the proper equipment (see specification section 3.05), and post-installation construction traffic should be routed around the system (Installation Guide step 12).

6. LATERAL LOADS

As systems get deeper, the loads acting on the sides of the tank increase. While vertical loads often control the design, be sure to consider lateral loading, as well.

7. R-TANK MODULES

Be sure to select the right module for your application. See the information on page 3 for more details on which module is the best fit. Also refer to the specifications for each module on the back of this brochure, or call us for assistance.

8. LOAD MODELING

A safety factor of 1.75 or higher is required when designing an R-Tank System using the AASHTO LRFD Bridge Design Specifications. Be sure to run your own loading model with all requirements specific to your site. Several example models can be found in our Tech Note on loading capabilities, and minimum cover requirements for various loads can be found in the spec on the back of this brochure.

LOW IMPACT DESIGN AND GREEN INFRASTRUCTURE

As much of the nation's Gray Infrastructure continues to decay, new concepts for a better way to rebuild it are emerging through Green Infrastructure (GI) and Low Impact Development (LID). This type of reconstruction moves beyond traditional systems that do ONE THING very well to systems that accomplish MULTIPLE objectives simultaneously. ACF has several technologies that dovetail with the goals of LID and GI that can play a significant role in the redevelopment process.

SPACE EFFICIENT SUBSURFACE STORAGE

R-TANK®

Pipe and stone are used in traditional systems to move and store runoff.
R-Tank does the same job, but with several additional benefits.

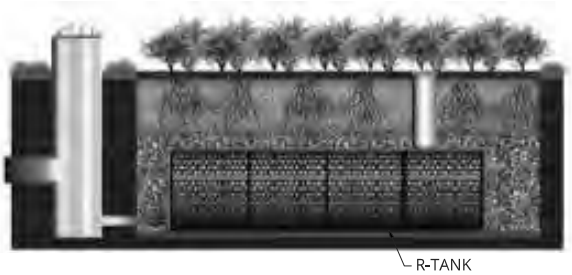
- Stores and moves runoff
- Open system encourages infiltration
- Stores 138% more water than stone
- Easily handles traffic loads beneath sidewalks and streets
- Ships flat to reduce site disturbance
- Moves water slowly, increasing time of concentration
- Fully accessible for maintenance
- Maximizes storage potential of GI practices like bioretention, street tree pits, etc.

VEGETATED/ BIOLOGICAL TREATMENT SYSTEM

FOCALPOINT

Traditional landscaping adds aesthetic value to projects, but has more potential. Many developers turn to bioretention, but are forced to surrender massive land areas and dedicate significant future funds to maintenance. FocalPoint reduces the space requirements and maintenance costs of bioretention by up to 90% while providing all the water purification benefits.

- Adds aesthetic value to properties
- Cleans runoff to improve water quality
- Reduces space requirements and maintenance costs of traditional bioretention systems
- Encourages infiltration to reduce volume of water discharged
- Pair with R-Tank® to maximize water storage and transport

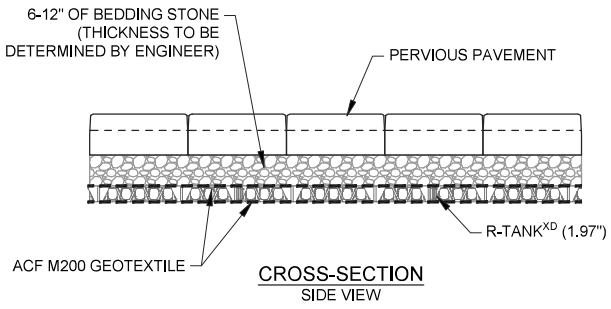


RUNOFF REDUCTION TECHNIQUES

PERMEABLE PAVEMENTS

Traditional pavements move vehicles efficiently, but are easily damaged by stormwater. ACF specializes in pervious pavements that handle traffic easily while providing surface infiltration rates 10 times higher than traditional pervious pavements. High surface infiltration rates reduce the expense of long-term maintenance and the headaches that go with it.

- Handles all vehicular loads
- Drains ten times faster than competing pervious pavements
- Reduces long-term maintenance costs
- Encourages infiltration
- Pair with R-Tank® to maximize water storage and transport



MAINTENANCE

Designing an R-Tank System with longevity and maintenance in mind is a simple three-step process:

1. PREVENT

Keep debris and sediment out of the system by pre-treating runoff with the Trash Guard Plus® unit (see below). For a more centralized approach, you could consider having the R-Tank units penetrate the connecting structure, which allows the use of the R-Tank® as its own trash screen. This works best with a structure that includes a sump (see drawing to right).

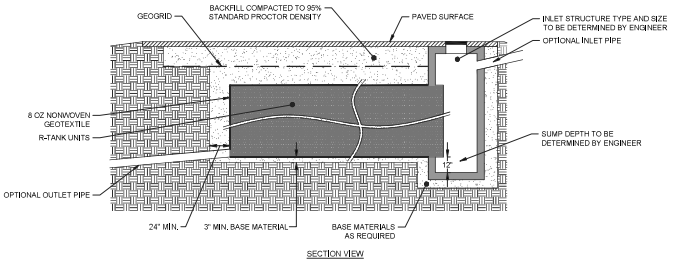
2. ISOLATE

Trap solid pollutants inside the maintenance row (see drawing to right) where they can be easily removed, using the Maintenance Modules (available in LD, HD, and UD only). These modules are wrapped in geotextile to retain solids and are fully accessible by conventional jet-vac systems to remove captured pollutants.

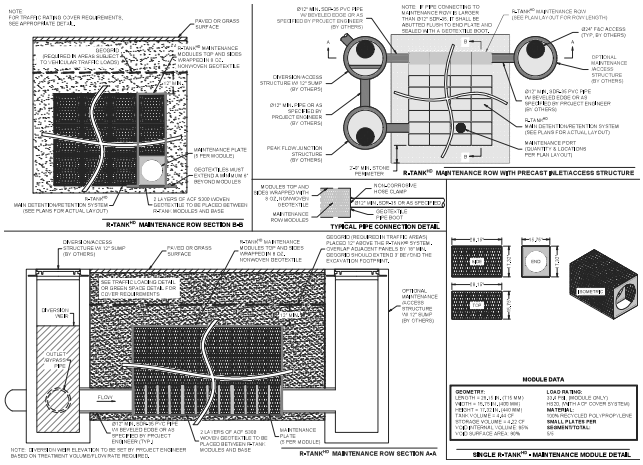
3. PROTECT

Ensure a long system life by including maintenance ports to remove any pollutants that evade the pre-treatment system and maintenance row. Maintenance ports should be specified within 10' of inlet and outlet connections, and roughly 50' on center (see detail on page 7).

INLET CONNECTION



MAINTENANCE ROW



MAINTENANCE PREVENTION

TRASH GUARD PLUS ®

Trash Guard Plus® is a patented stormwater pretreatment device that captures debris, sediment and floatables. Easy to install and maintain, it is a fraction of the cost of other pretreatment devices.

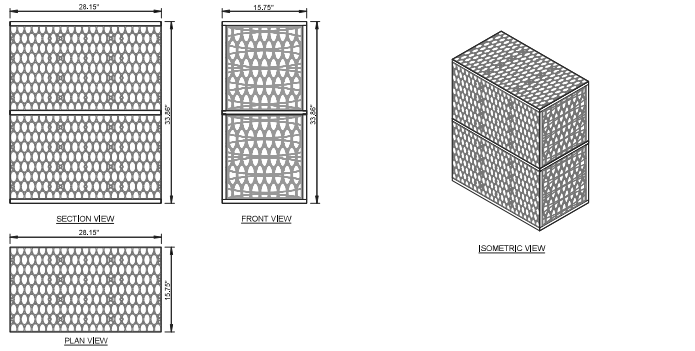
Benefits of Trash Guard Plus®

- Simple retrofit to existing catch basins
- Installs without heavy equipment
- Quick and easy assembly
- Adjusts to irregular catch basin bottoms and/or walls
- Eliminates eyesore stormwater trash at public parks, beaches, and waterways
- Removes harmful nutrients and regulated metals

TYPICAL DESIGN

CAD DRAWINGS

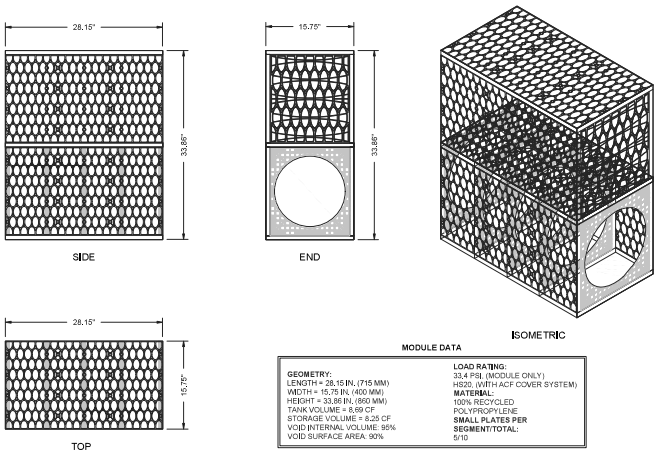
Module Drawing - Double



MODULE DATA

GEOMETRY: LENGTH = 28.15 IN. (715 MM) WIDTH = 15.75 IN. (400 MM) HEIGHT = 33.86 IN. (860 MM) TANK VOLUME = 8.69 CF STORAGE VOLUME = 8.25 CF VOID INTERNAL VOLUME: 95% VOID SURFACE AREA: 90%	**LOAD RATING:** 33.4 PSI. (MODULE ONLY) HS25, (WITH ACF COVER SYSTEM) **MATERIAL:** 100% RECYCLED POLYPROPYLENE **SMALL PLATES PER SEGMENT/TOTAL:** 5/10

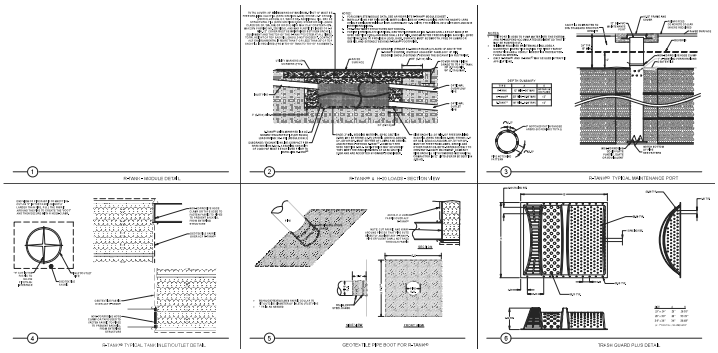
Maintenance Module - Double



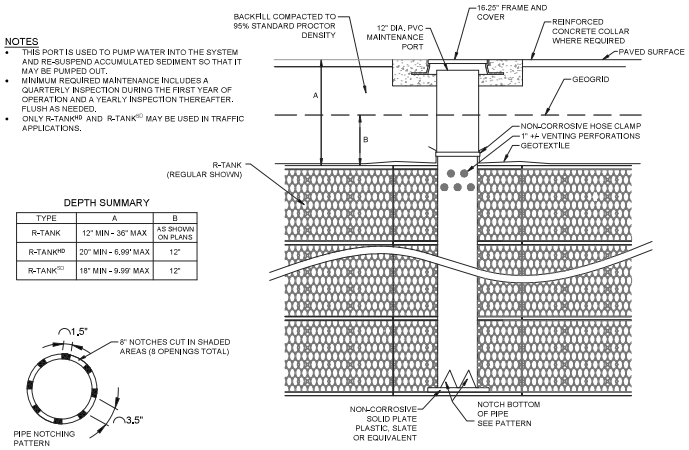
MODULE DATA

GEOMETRY: LENGTH = 28.15 IN. (715 MM) WIDTH = 15.75 IN. (400 MM) HEIGHT = 33.86 IN. (860 MM) TANK VOLUME = 8.69 CF STORAGE VOLUME = 8.25 CF VOID INTERNAL VOLUME: 95% VOID SURFACE AREA: 90%	**LOAD RATING:** 33.4 PSI. (MODULE ONLY) HS20, (WITH ACF COVER SYSTEM) **MATERIAL:** 100% RECYCLED POLYPROPYLENE **SMALL PLATES PER SEGMENT/TOTAL:** 5/10

Composite Details



Maintenance Port



Selecting the Right R-Tank Module

Cover Depth* (Inches)	Module LD	HD	SD	UD	XD
Minimum 6"	Green Space - No Traffic	Green Space - No Traffic	Green Space - No Traffic	Green Space - No Traffic	HS-20
12"	Green Space - No Traffic	Green Space - No Traffic	Green Space - No Traffic	HS-20**	HS-20
14"	Green Space - No Traffic	Green Space - No Traffic	Green Space - No Traffic	HS-20	HS-20
18"	Green Space - No Traffic	Green Space - No Traffic	HS-20	HS-20	HS-20
20"	Green Space - No Traffic	HS-20	HS-20	HS-20	HS-20
24"	Green Space - No Traffic	HS-20	HS-20	HS-20	HS-20
36"	Green Space - No Traffic	HS-20	HS-20	HS-20	HS-20
48"	-	HS-20	HS-20	HS-20	HS-20
60"	-	HS-20	HS-20	HS-20	HS-20
72"	-	HS-20	HS-20	-	HS-20
84"	-	-	HS-20	-	HS-20
120"	-	-	HS-20	-	HS-20
160"	-	-	-	-	HS-20
Maximum 200"	-	-	-	-	HS-20

HS-20 designation based on AASHTO LRFD Bridge Design Specification for Single Lane Traffic

* *Cover depth is measured from the top of the module to the finished grade or top of pavement.*

** *The UD module requires STONE backfill (not soils) on the sides at this depth.*

PRODUCT SPECIFICATION

RTANK LD

Dimensions & Capacity

Module (Segments)	Width (inch)	Length (inch)	Height (in/ft)	Volume (cf)	Capacity (cf)	Weight* (lbs)
Mini	15.75	28.15	9.45”/0.79’	2.42	2.30	10.1/10.9
Single(1)	15.75	28.15	17.32”/1.44’	4.44	4.22	15.7/17.3
Single + Mini(1.5)	15.75	28.15	25.98”/2.17’	6.67	6.33	23.6/25.9
Double (2)	15.75	28.15	33.86”/2.82’	8.69	8.25	29.1/32.3
Double + Mini(2.5)	15.75	28.15	42.52”/3.54’	10.91	10.36	37.0/41.0
Triple (3)	15.75	28.15	50.39”/4.20’	12.93	12.28	42.5/47.4
Triple + Mini(3.5)	15.75	28.15	59.06”/4.92’	15.15	14.39	50.4/56.0
Quad(4)	15.75	28.15	66.93”/5.58’	17.17	16.31	55.9/62.4
Quad + Mini(4.5)	15.75	28.15	75.59”/6.30’	19.39	18.42	63.8/71.0
Pent(5)	15.75	28.15	83.46”/6.96’	21.41	20.34	69.3/77.4

*Weights shown are for LD/HD modules.

RTANK HD

RTANK SD

Dimensions & Capacity

Module (Segments)	Width (inch)	Length (inch)	Height (in/ft)	Volume (cf)	Capacity (cf)	Weight (lbs)
Single (1)	15.75	28.15	9.45”/0.79’	2.42	2.30	10.95
Double (2)	15.75	28.15	18.12”/1.51’	4.64	4.41	19.58
Triple (3)	15.75	28.15	26.79”/2.23’	6.86	6.52	28.21
Quad (4)	15.75	28.15	35.46”/2.96’	9.08	8.63	36.84
Pent (5)	15.75	28.15	44.13”/3.68’	11.30	10.74	45.47
Hex (6)	15.75	28.15	52.80”/4.40’	13.52	12.84	54.10
Septa (7)	15.75	28.15	61.47”/5.12’	15.74	14.95	62.73
Octo (8)	15.75	28.15	70.14”/5.85’	17.96	17.06	71.36
Nono (9)	15.75	28.15	78.81”/6.57’	20.18	19.17	79.99
Decka (10)	15.75	28.15	87.48”/7.29’	22.40	21.28	88.62

RTANK UD

Dimensions & Capacity

Module (Segments)	Width (inch)	Length (inch)	Height (in/ft)	Volume (cf)	Capacity (cf)	Weight (lbs)
Single (1)	23.62	23.62	14.17”/1.18’	4.57	4.35	21.2
Double (2)	23.62	23.62	27.17”/2.26’	8.77	8.33	39.0
Triple (3)	23.62	23.62	40.16”/ 3.35’	12.97	12.32	56.8
Quad (4)	23.62	23.62	53.15”/4.43’	17.16	16.30	74.6
Pent (5)	23.62	23.62	66.14”/5.5’	21.35	20.29	92.4

RTANK XD

Dimensions & Capacity

Module (Segments)	Width (inch)	Length (inch)	Height (inch)	Volume (cf)	Capacity (cf)	Weight (lbs)
Single (1)	19.68	23.62	1.97	0.53	0.48	4
Double (2)	19.68	23.62	3.94	1.06	0.95	8
Triple (3)	19.68	23.62	5.91	1.59	1.43	12
Quad (4)	19.68	23.62	7.87	2.12	1.91	16
Pent (5)	19.68	23.62	9.84	2.65	2.38	20

Note: XD modules may be stacked up to 10’ tall (60 layers).

Specifications

Item	Description	LD	HD	SD	UD	XD
Void Area	Volume available for water storage	95%	95%	95%	95%	90%
Surface Area Void	% of exterior available for infiltration	90%	90%	90%	90%	90%
Compressive Strength	ASTM D2412 / ASTM F2418	30.0 psi	33.4	42.9 psi	134.2 psi	240.2 psi
Unit Weight	Weight of plastic/cubic foot of tank	3.29 lbs/cf	3.62 lbs/cf	3.96 lbs/cf	4.33 lbs/cf	7.55 lbs/cf
Rib Thickness	Thickness of load-bearing members	0.18 inches	0.18 inches	0.18 inches	-	-
Service Temperature	Safe temperature range for use	-14 - 167° F	-14 - 167° F	-14 - 167° F	-14 - 167° F	-14 - 167° F
Recycled Content	Use of recycle polypropylene	100%	100%	100%	100%	100%
Minimum Cover	Cover required for HS-20 loading	Not Traffic Rated	20"	18"	12"-14"	6"
Minimum Cover	Cover required for HS-25 loading	Not Traffic Rated	24"	18"	15"-17"	6"
Maximum Cover	Maximum allowable cover depth	3.0'	6.99'	9.99'	5.0'	16.7'

3 2018

FOCALPOINT

HIGH PERFORMANCE MODULAR BIOFILTRATION SYSTEM

NYS DEC DESIGN WORKSHEET/CHECKLIST

The New York State Department of Environmental Conservation (NYS DEC) has approved the FocalPoint (High Performance Modular Biofiltration System) as a proprietary stormwater management practice for use on New Development, Redevelopment and Retrofit Projects.

1. FocalPoint Bed Area (min 174 square feet per acre of impervious area (e.g. 0.2 acres = 35 sf))

- Tributary Impervious area = 0.44 ac. (A)
- Tributary Pervious area = 0.018 ac. (B)
- Min FocalPoint bed area req'd = (((A) x 1.0) + ((B) x 0.4)) * 174 = 77.8 sf.
- FocalPoint Bed Area provided * = 100 sf.
- Dimensions of Proposed FocalPoint = 2 ft x 50 ft

* see criteria 2. to determine if minimum size is appropriate.

2. A Type II 24hr rainfall event that generates the WQ volume shall be modelled to demonstrate the entire storm volume is treated prior to activation of the overflow (typically set at 6-12" above the mulch) (Note: a 1.2 to 1.3" rainfall event usually generates 1 inch of runoff) contact ACF for a sample HydroCAD node.

- Water Quality Volume Goal (WQv) = 2332 cubic feet
- Type II 24hr Rainfall Depth to generate WQv = 1.73 inches
- Temporary storage depth provided = 6" inches (typ 6" to 12")
- Temporary storage volume provided at above depth = 336.5 cubic feet.
- Peak ponding depth from Type II 24hr storm event = 5.5" inches

3. Size Harco Domed Overflow Riser

- Domed Overflow Riser:
  - Rim Elev of Overflow Riser: = _____ (typ 6-12" above mulch surface)
  - Overflow Riser Diameter = _____ (12, 15, 18, 24 or 30" dia)
  - 6" invert in Elev from FocalPoint = _____ (typ 3 ft below mulch surface)
  - ___" invert out Elev = _____
- Or other (spillway/weir etc) ☐

4. RRv, Channel Protection and Flood Control/Peak flow attenuation of major storms

- The treated flow and bypass flow can be routed to a detention system either an open pond, or a subsurface system such as an expanded R-Tank system (contact ACF for additional information on designing expanded R-Tank systems)

5. The Design shall be reviewed by the manufacturer's representative prior to submission and installation will be overseen by the manufacturer's representative.

- The Design has been reviewed by ACF Environmental ☐
- Engineer will coordinate installation inspection with ACF ☐

Contact ACF Environmental at 1800 448 3636 with any questions
or contact Rob Woodman – Senior Stormwater Engineer at rwoodman@acfenv.com

11.) Stormwater Management Construction Checklists

APPENDIX H

STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM FOR CONSTRUCTION ACTIVITIES

CONSTRUCTION SITE LOG BOOK

Table of Contents

I. Pre-Construction Meeting Documents
   a. Preamble to Site Assessment and Inspections
   b. Operator's Certification
   c. Qualified Professional's Credentials & Certification
   d. Pre-Construction Site Assessment Checklist

II. Construction Duration Inspections
   a. Directions
   b. Modification to the SWPPP

III. Monthly Summary Reports

IV. Monitoring, Reporting, and Three-Month Status Reports
   a. Operator's Compliance Response Form

Properly completing forms such as those contained in Appendix H meet the inspection requirement of NYS-DEC SPDES GP for Construction Activities. Completed forms shall be kept on site at all times and made available to authorities upon request.

I. PRE-CONSTRUCTION MEETING DOCUMENTS

Project Name _____

Permit No. _____ **Date of Authorization** _____

Name of Operator _____

Prime Contractor _____

a. Preamble to Site Assessment and Inspections

The Following Information To Be Read By All Person's Involved in The Construction of Stormwater Related Activities:

The Operator agrees to have a qualified professional[1] conduct an assessment of the site prior to the commencement of construction[2] and certify in this inspection report that the appropriate erosion and sediment controls described in the SWPPP have been adequately installed or implemented to ensure overall preparedness of the site for the commencement of construction.

Prior to the commencement of construction, the Operator shall certify in this site logbook that the SWPPP has been prepared in accordance with the State's standards and meets all Federal, State and local erosion and sediment control requirements.

When construction starts, site inspections shall be conducted by the qualified professional at least every 7 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater (Construction Duration Inspections). The Operator shall maintain a record of all inspection reports in this site logbook. The site logbook shall be maintained on site and be made available to the permitting authorities upon request. The Operator shall post at the site, in a publicly accessible location, a summary of the site inspection activities on a monthly basis (Monthly Summary Report).

The operator shall also prepare a written summary of compliance with this general permit at a minimum frequency of every three months (Operator's Compliance Response Form), while coverage exists. The summary should address the status of achieving each component of the SWPPP.

Prior to filing the Notice of Termination or the end of permit term, the Operator shall have a qualified professional perform a final site inspection. The qualified professional shall certify that the site has undergone final stabilization[3] using either vegetative or structural stabilization methods and that all temporary erosion and sediment controls (such as silt fencing) not needed for long-term erosion control have been removed. In addition, the Operator must identify and certify that all permanent structures described in the SWPPP have been constructed and provide the owner(s) with an operation and maintenance plan that ensures the structure(s) continuously functions as designed.

1 "Qualified Professional means a person knowledgeable in the principles and practice of erosion and sediment controls, such as a Certified Professional in Erosion and Sediment Control (CPESC), soil scientist, licensed engineer or someone working under the direction and supervision of a licensed engineer (person must have experience in the principles and practices of erosion and sediment control).

2 "Commencement of construction" means the initial removal of vegetation and disturbance of soils associated with clearing, grading or excavating activities or other construction activities.

3 "Final stabilization" means that all soil-disturbing activities at the site have been completed and a uniform, perennial vegetative cover with a density of eighty (80) percent has been established or equivalent stabilization measures (such as the use of mulches or geotextiles) have been employed on all unpaved areas and areas not covered by permanent structures.

b. Operators Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. Further, I hereby certify that the SWPPP meets all Federal, State, and local erosion and sediment control requirements. I am aware that false statements made herein are punishable as a class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Name (please print): _____

Title _____ **Date:** _____

Address: _____

Phone: _____ **Email:** _____

Signature: _____

c. Qualified Professional's Credentials & Certification

"I hereby certify that I meet the criteria set forth in the General Permit to conduct site inspections for this project and that the appropriate erosion and sediment controls described in the SWPPP and as described in the following Pre-construction Site Assessment Checklist have been adequately installed or implemented, ensuring the overall preparedness of this site for the commencement of construction."

Name (please print): _____

Title _____ **Date:** _____

Address: _____

Phone: _____ **Email:** _____

Signature: _____

d. Pre-construction Site Assessment Checklist
(NOTE: Provide comments below as necessary)

1. Notice of Intent, SWPPP, and Contractors Certification:

Yes No NA

[ ] [ ] [ ] Has a Notice of Intent been filed with the NYS Department of Conservation?
[ ] [ ] [ ] Is the SWPPP on-site? Where?_____
[ ] [ ] [ ] Is the Plan current? What is the latest revision date?_____
[ ] [ ] [ ] Is a copy of the NOI (with brief description) onsite? Where?_____
[ ] [ ] [ ] Have all contractors involved with stormwater related activities signed a contractor's certification?

2. Resource Protection

Yes No NA

[ ] [ ] [ ] Are construction limits clearly flagged or fenced?
[ ] [ ] [ ] Important trees and associated rooting zones, on-site septic system absorption fields, existing vegetated areas suitable for filter strips, especially in perimeter areas, have been flagged for protection.
[ ] [ ] [ ] Creek crossings installed prior to land-disturbing activity, including clearing and blasting.

3. Surface Water Protection

Yes No NA

[ ] [ ] [ ] Clean stormwater runoff has been diverted from areas to be disturbed.
[ ] [ ] [ ] Bodies of water located either on site or in the vicinity of the site have been identified and protected.
[ ] [ ] [ ] Appropriate practices to protect on-site or downstream surface water are installed.
[ ] [ ] [ ] Are clearing and grading operations divided into areas <5 acres?

4. Stabilized Construction Entrance

Yes No NA

[ ] [ ] [ ] A temporary construction entrance to capture mud and debris from construction vehicles before they enter the public highway has been installed.
[ ] [ ] [ ] Other access areas (entrances, construction routes, equipment parking areas) are stabilized immediately as work takes place with gravel or other cover.
[ ] [ ] [ ] Sediment tracked onto public streets is removed or cleaned on a regular basis.

5. Perimeter Sediment Controls

Yes No NA

[ ] [ ] [ ] Silt fence material and installation comply with the standard drawing and specifications.
[ ] [ ] [ ] Silt fences are installed at appropriate spacing intervals
[ ] [ ] [ ] Sediment/detention basin was installed as first land disturbing activity.
[ ] [ ] [ ] Sediment traps and barriers are installed.

6. Pollution Prevention for Waste and Hazardous Materials

Yes No NA

[ ] [ ] [ ] The Operator or designated representative has been assigned to implement the spill prevention avoidance and response plan.
[ ] [ ] [ ] The plan is contained in the SWPPP on page _____
[ ] [ ] [ ] Appropriate materials to control spills are onsite. Where? _____

II. CONSTRUCTION DURATION INSPECTIONS

a. Directions:
Inspection Forms will be filled out during the entire construction phase of the project.
Required Elements:

(1) On a site map, indicate the extent of all disturbed site areas and drainage pathways. Indicate site areas that are expected to undergo initial disturbance or significant site work within the next 14-day period;

(2) Indicate on a site map all areas of the site that have undergone temporary or permanent stabilization;

(3) Indicate all disturbed site areas that have not undergone active site work during the previous 14-day period;

(4) Inspect all sediment control practices and record the approximate degree of sediment accumulation as a percentage of sediment storage volume (for example, 10 percent, 20 percent, 50 percent);

(5) Inspect all erosion and sediment control practices and record all maintenance requirements such as verifying the integrity of barrier or diversion systems (earthen berms or silt fencing) and containment systems (sediment basins and sediment traps). Identify any evidence of rill or gully erosion occurring on slopes and any loss of stabilizing vegetation or seeding/mulching. Document any excessive deposition of sediment or ponding water along barrier or diversion systems. Record the depth of sediment within containment structures, any erosion near outlet and overflow structures, and verify the ability of rock filters around perforated riser pipes to pass
water; and

(6) Immediately report to the Operator any deficiencies that are identified with the implementation of the SWPPP.

CONSTRUCTION DURATION INSPECTIONS **Page 1 of _____**

SITE PLAN/SKETCH

_____ _____

Inspector (print name) **Date of Inspection**

_____ _____

Qualified Professional (print name) **Qualified Professional Signature**

The above signed acknowledges that, to the best of his/her knowledge, all information provided on the forms is accurate and complete.

Maintaining Water Quality

Yes No NA
[ ] [ ] [ ] Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ] [ ] [ ] Is there residue from oil and floating substances, visible oil film, or globules or grease?
[ ] [ ] [ ] All disturbance is within the limits of the approved plans.
[ ] [ ] [ ] Have receiving lake/bay, stream, and/or wetland been impacted by silt from project?

Housekeeping

1. General Site Conditions

Yes No NA
[ ] [ ] [ ] Is construction site litter and debris appropriately managed?
[ ] [ ] [ ] Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ] [ ] [ ] Is construction impacting the adjacent property?
[ ] [ ] [ ] Is dust adequately controlled?

2. Temporary Stream Crossing

Yes No NA
[ ] [ ] [ ] Maximum diameter pipes necessary to span creek without dredging are installed.
[ ] [ ] [ ] Installed non-woven geotextile fabric beneath approaches.
[ ] [ ] [ ] Is fill composed of aggregate (no earth or soil)?
[ ] [ ] [ ] Rock on approaches is clean enough to remove mud from vehicles & prevent sediment from entering stream during high flow.

Runoff Control Practices

1. Excavation Dewatering

Yes No NA
[ ] [ ] [ ] Upstream and downstream berms (sandbags, inflatable dams, etc.) are installed per plan.
[ ] [ ] [ ] Clean water from upstream pool is being pumped to the downstream pool.
[ ] [ ] [ ] Sediment laden water from work area is being discharged to a silt-trapping device.
[ ] [ ] [ ] Constructed upstream berm with one-foot minimum freeboard.

2. Level Spreader

Yes No NA
[ ] [ ] [ ] Installed per plan.
[ ] [ ] [ ] Constructed on undisturbed soil, not on fill, receiving only clear, non-sediment laden flow.
[ ] [ ] [ ] Flow sheets out of level spreader without erosion on downstream edge.

3. Interceptor Dikes and Swales

Yes No NA
[ ] [ ] [ ] Installed per plan with minimum side slopes 2H:1V or flatter.
[ ] [ ] [ ] Stabilized by geotextile fabric, seed, or mulch with no erosion occurring.
[ ] [ ] [ ] Sediment-laden runoff directed to sediment trapping structure

Runoff Control Practices (continued)

4. Stone Check Dam

Yes No NA

[ ] [ ] [ ] Is channel stable? (flow is not eroding soil underneath or around the structure).
[ ] [ ] [ ] Check is in good condition (rocks in place and no permanent pools behind the structure).
[ ] [ ] [ ] Has accumulated sediment been removed?.

5. Rock Outlet Protection

Yes No NA

[ ] [ ] [ ] Installed per plan.
[ ] [ ] [ ] Installed concurrently with pipe installation.

Soil Stabilization

1. Topsoil and Spoil Stockpiles

Yes No NA

[ ] [ ] [ ] Stockpiles are stabilized with vegetation and/or mulch.
[ ] [ ] [ ] Sediment control is installed at the toe of the slope.

2. Revegetation

Yes No NA

[ ] [ ] [ ] Temporary seedings and mulch have been applied to idle areas.
[ ] [ ] [ ] 4 inches minimum of topsoil has been applied under permanent seedings

Sediment Control Practices

1. Stabilized Construction Entrance

Yes No NA

[ ] [ ] [ ] Stone is clean enough to effectively remove mud from vehicles.
[ ] [ ] [ ] Installed per standards and specifications?
[ ] [ ] [ ] Does all traffic use the stabilized entrance to enter and leave site?
[ ] [ ] [ ] Is adequate drainage provided to prevent ponding at entrance?

2. Silt Fence

Yes No NA

[ ] [ ] [ ] Installed on Contour, 10 feet from toe of slope (not across conveyance channels).
[ ] [ ] [ ] Joints constructed by wrapping the two ends together for continuous support.
[ ] [ ] [ ] Fabric buried 6 inches minimum.
[ ] [ ] [ ] Posts are stable, fabric is tight and without rips or frayed areas.

Sediment accumulation is ___% of design capacity.

Sediment Control Practices (continued)

3. Storm Drain Inlet Protection (Use for Stone & Block; Filter Fabric; Curb; or, Excavated practices)

Yes No NA

[ ] [ ] [ ] Installed concrete blocks lengthwise so open ends face outward, not upward.
[ ] [ ] [ ] Placed wire screen between No. 3 crushed stone and concrete blocks.
[ ] [ ] [ ] Drainage area is 1acre or less.
[ ] [ ] [ ] Excavated area is 900 cubic feet.
[ ] [ ] [ ] Excavated side slopes should be 2:1.
[ ] [ ] [ ] 2" x 4" frame is constructed and structurally sound.
[ ] [ ] [ ] Posts 3-foot maximum spacing between posts.
[ ] [ ] [ ] Fabric is embedded 1 to 1.5 feet below ground and secured to frame/posts with staples at max 8-inch spacing.
[ ] [ ] [ ] Posts are stable, fabric is tight and without rips or frayed areas.

Sediment accumulation ___% of design capacity.

4. Temporary Sediment Trap

Yes No NA

[ ] [ ] [ ] Outlet structure is constructed per the approved plan or drawing.
[ ] [ ] [ ] Geotextile fabric has been placed beneath rock fill.

Sediment accumulation is ___% of design capacity.

5. Temporary Sediment Basin

Yes No NA

[ ] [ ] [ ] Basin and outlet structure constructed per the approved plan.
[ ] [ ] [ ] Basin side slopes are stabilized with seed/mulch.
[ ] [ ] [ ] Drainage structure flushed and basin surface restored upon removal of sediment basin facility.

Sediment accumulation is ___% of design capacity.

Note: Not all erosion and sediment control practices are included in this listing. Add additional pages to this list as required by site specific design.
Construction inspection checklists for post-development stormwater management practices can be found in Appendix F of the New York Stormwater Management Design Manual.

CONSTRUCTION DURATION INSPECTIONS

b. Modifications to the SWPPP (To be completed as described below)

The Operator shall amend the SWPPP whenever:
1. There is a significant change in design, construction, operation, or maintenance which may have a significant effect on the potential for the discharge of pollutants to the waters of the United States and which has not otherwise been addressed in the SWPPP; or
2. The SWPPP proves to be ineffective in:
   a. Eliminating or significantly minimizing pollutants from sources identified in the SWPPP and as required by this permit; or
   b. Achieving the general objectives of controlling pollutants in stormwater discharges from permitted construction activity; and
3. Additionally, the SWPPP shall be amended to identify any new contractor or subcontractor that will implement any measure of the SWPPP.

Modification & Reason:

III. Monthly Summary of Site Inspection Activities

Name of Permitted Facility:	Today's Date:	Reporting Month:
Location:	Permit Identification #:	
Name and Telephone Number of Site Inspector:		

Date of Inspection	Regular / Rainfall based Inspection	Name of Inspector	Items of Concern

Owner/Operator Certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that false statements made herein are punishable as a class A misdemeanor pursuant to Section 210.45 of the Penal Law."

Signature of Permittee or Duly Authorized Representative

Name of Permittee or Duly Authorized Representative Date

Duly authorized representatives must have written authorization, submitted to DEC, to sign any permit documents.

NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity
Permit Number GP-02-01
Monthly Summary of Site Inspection Activities

Name of Permitted Facility:	**Permit Identification #:**	
Location:	**Today's Date:**	**Reporting Month:**
Name and Telephone Number of Site Inspector:	**Name and Telephone Number of Site Inspector:**	

Permit Reference; Part III.D.3.b (page 15):

"The operator shall post at the site, in a publicly-accessible location, a summary of the site inspection activities on a monthly basis."

Date of Inspection	Type of Inspection and 24 hr Rainfall	Name of Qualified Professional conducting Site Inspections	Major items of concern related to compliance of the SWPPP with all conditions of the general permit	Date Corrected

Owner/Operator Certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that false statements made herein are punishable as a class A misdemeanor pursuant to Section 210.45 of the Penal Law."

Signature of Permittee or Duly Authorized Representative | Name of Permittee or Duly Authorized Representative | Date

Duly authorized representatives of the Permittee (Owner/Operator) must have written authorization, submitted to DEC, to sign any permit documents.

Inspection and Maintenance Checklist
Catch Basins, Manholes, and Inlets

Date: _____

Type of Inspection: Storm ☐ Weekly ☐ Monthly ☐ Annual ☐

Site: _____ Inspector(s): _____

Description or location of Project: _____

Defect	Conditions when Maintenance is Needed	Maintenance (1 or 2)*	Comments
General			
Trash and Debris	Trash and debris which are located immediately in front of the catch basin opening or is blocking inletting capacity of the basin by more than 10%.		
	Trash or debris (in the basin) that exceeds 60 percent of the sump depth as measured from the bottom of basin to invert of the lowest pipe into or out of the basin, but in no case less than a minimum of six inches clearance from the debris surface to the invert of the lowest pipe.		
	Trash or debris in any inlet or outlet pipe blocking more then 1/3 of its height.		
	Dead animals or vegetation that could generate odors that could cause complaints or dangerous gases (e.g., methane).		
Sediment	Sediment (in the basin) that exceeds 60 percent of the sump depth as measured from the bottom of basin to invert of the lowest pipe into or out of the basin, but in no case less than a minimum of 6 inches clearance from the sediment surface to the invert of the lowest pipe.		
Structure Damage to Frame and/or Top Slab	Top slab has holes larger than 2 square inches or cracks wider then ¼ inch.		
	Frame not sitting flush on top slab, i.e., separation of more than ¾ inch of the frame from the top slab. Frame not securely attached.		

*Maintenance: Enter 1 if maintenance is needed. Enter 2 if maintenance was preformed same day.

Defect	Conditions when Maintenance is Needed	Maintenance (1 or 2)*	Comments
Fractures or Cracks in Basin Walls/Bottom	Maintenance person judges that structure is unsound.		
	Grout fillet has separated or cracked wider then ½ inch and longer than 1 foot at the joint of any inlet/outlet pipe or any evidence of soil particles entering catch basin through cracks.		
Settlement/Misalignment	If failure of basin has created a safety, function, or design problem.		
Vegetation	Vegetation growing across and blocking more than 10% of the basin opening.		
	Vegetation growing in inlet/outlet pipe joints that is more than 6 inches tall and less than 6 inches apart.		
Contamination and Pollution	Any evidence of oil, gasoline, contaminants or other pollutants.		
Catch Basin Cover			
Cover Not in Place	Cover is missing or only partially in place. Any open catch basin requires maintenance.		
Locking Mechanism Not Working	Mechanism cannot be opened by one maintenance person with proper tools. Bolts into frame have less than ½ inch of thread.		
Cover Difficult to Remove	One maintenance person cannot remove lid after applying normal lifting pressure. (Intent is keep cover from sealing off access to maintenance).		
Ladder			
Ladder Rungs Unsafe	Ladder is unsafe due to missing rungs, not securely attached to basin wall, misalignment, rust, cracks, or sharp edges.		
Metal Grates (If Applicable)			
Grate opening Unsafe	Grate with opening wider than 7/8 inch.		
Trash and Debris	Trash and debris that is blocking more than 20% of grate surface inletting capacity.		
Damaged or Missing	Grate missing or broken member(s) of the grate.		

*Maintenance: Enter 1 if maintenance is needed. Enter 2 if maintenance was preformed same day.

Inspection and Maintenance Checklist
Conveyance Systems (Pipes & Ditches)

Date: _____

Type of Inspection: Storm ☐ Weekly ☐ Monthly ☐ Annual ☐

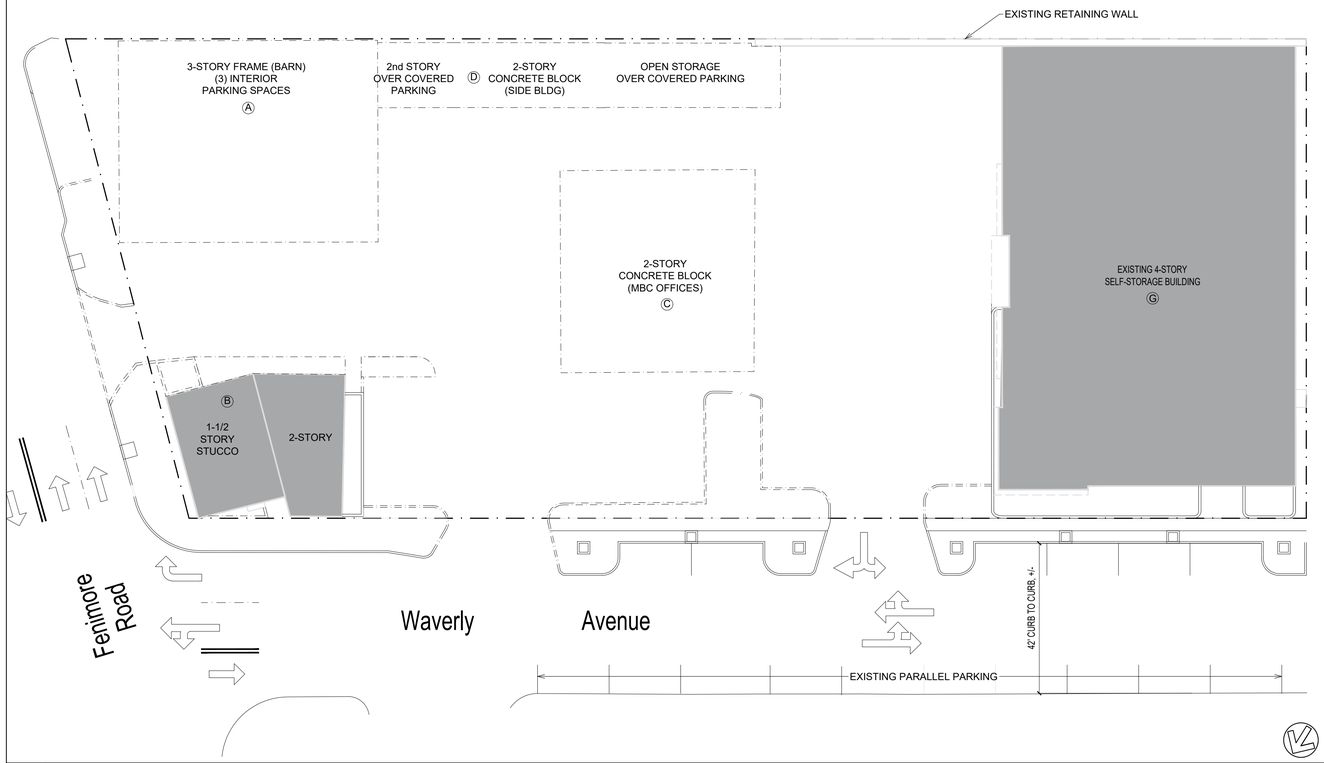
Site: _____ Inspector(s): _____

Defect	Conditions When Maintenance is Needed	Maintenance (1 or 2)*	Comments
Pipes			
Sediment & Debris	Accumulated Sediment that exceeds 20% of the diameter of the pipe.		
Vegetation	Vegetation that reduces free movement of water through pipes		
Damaged Pipe	Protective coating is damaged; rust is causing more than 50% deterioration to any part of pipe.		
	Any dent that decreases the cross section area of pipe by more than 20% or puncture that impacts performance.		
Open Ditches			
Trash and Debris	Trash and debris > 5 cf/1000 sf (one standard size garbage can) Visual evidence of dumping		
Sediment	Accumulated sediment that exceeds 20% of the design depth.		
Vegetation	Vegetation that reduces free movement of water through ditches.		
Erosion Damage to Slopes and Channel Bottom	Eroded damage over 2 inches deep where cause of damage is still present or where there is potential for continued erosion.		
Rock Lining Out of Place or Missing (If Applicable)	Maintenance person can see native soil beneath the rock lining.		

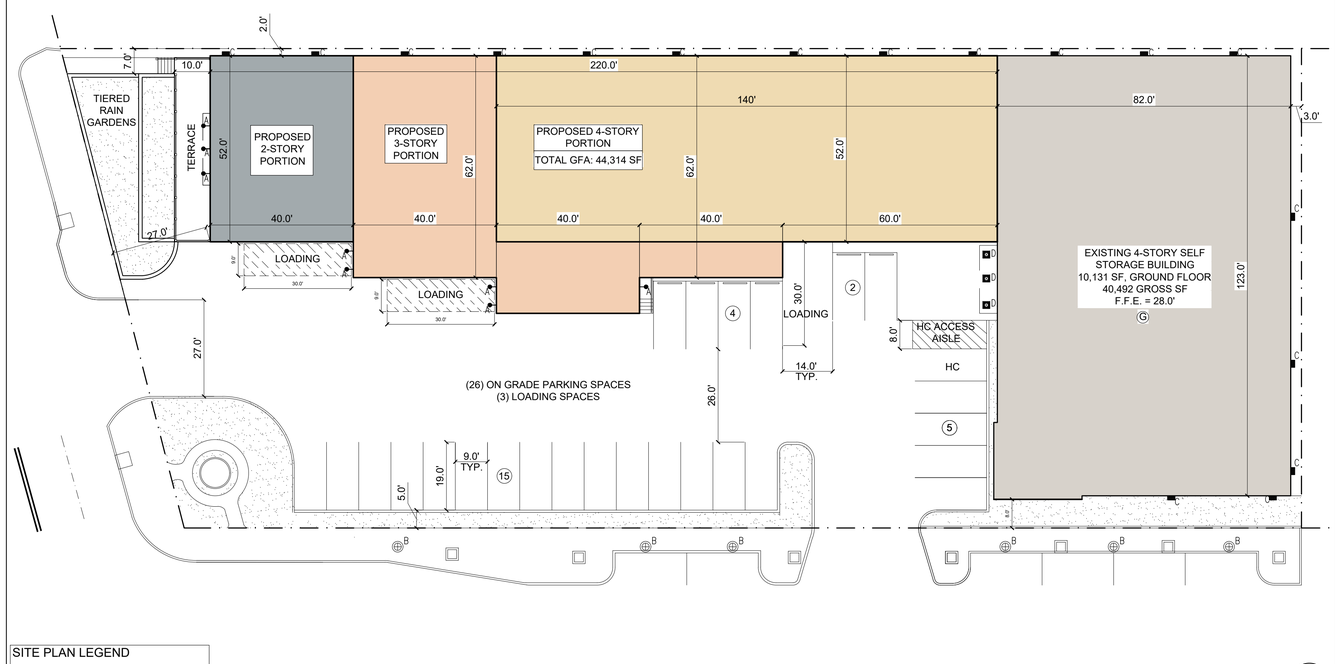
*Maintenance: Enter 1 if maintenance is needed. Enter 2 if maintenance was preformed same day.

Appendix K

Architectural Plans



1 EXISTING/DEMOLTION SITE PLAN
SCALE: 1"=20'-0"



SITE PLAN LEGEND	
Ⓐ	BUILDING DESIGNATION (SEE CHART)

2 PROPOSED SITE & LIGHTING PLAN
SCALE: 1"=20'-0"

ZONING COMPLIANCE SCHEDULE

Zoning District: M-1

Category	Required/Permitted	Existing	Proposed	Variance Required
Minimum Lot Area (SF)	10,000	44,156	44,156	-
Minimum Lot Width & Frontage (Ft)	50	134	134	-
Building Coverage				
Area (sf)	22,078	20,081	23,094	1,016
Percentage	50%	45%	52%	2%
Maximum Floor Area Ratio	1.0	1.34	1.92	0.92
Maximum Gross Floor Area	44,156	59,081	84,806	40,650
Impervious Surface Coverage				
Area (sf)	N/A	41,390	39,235	-
Percentage	N/A	93.7%	88.9%	-
Maximum Building Height (Note 1)				
Stories	3	4	4	1-Story
Feet	45	45	45	-
Minimum Yard Requirements, Feet				
Front (Waverly Avenue)	Note 2	0	8	-
Front (Fenimore Road), (Note 3)	10	0.4	27	-
Rear (Southeast)	None	2	2	-
Rear (Southwest)	None	3	3	-
Off-Street Parking	124	25	26	98
Off-Street Loading				
1/establishment + 1/ea. 12,000 sf GFA	8	0	3	5

Note 1: HEIGHT, BUILDING: The vertical distance to the highest level of the highest point of the roof if the roof is flat or mansard or to the mean level between the eaves and the highest point of the roof if the roof is of any other type, measured from the average level of the existing grade prior to construction adjacent to the exterior walls of the building.

Note 2: In the case of corner lots, the Planning Board shall establish reasonable setbacks from the street under the provisions of § 342-79.

Note 3: Front yard setback from Fenimore Road is an existing, non-conforming condition; Addition @ Fenimore Road is proposed beyond 10-foot minimum yard setback.

Note 4: Existing off-street parking associated with site buildings to remain shall not be reduced in accordance with Zoning Section 342-55, Existing Uses, and shall not be required to comply with current off-street parking requirements.

Note 5: Requested FAR/GFA variance is 0.58 greater than previously granted, 43.54% greater than existing. Calculations are based on additional GFA/Existing GFA.

PROPERTY USAGE ANALYSIS

	Bldg. #	Building Description	Floor	Occupant & Usage	GFA	Employees	SF/Parking Space (Notes 2 & 3)	Existing Calculated Required Parking	Proposed Calculated Required Parking	Associated Parking	Hours of Operation
PROPOSED DEMOLITION	*A*	*Barn @ Waverly*	*1*	*Murphy Brothers, storage (excludes interior parking areas floor area)*	*1,555*	*0*	*750*	*8*	-	-	*N/A*
		Barn @ Waverly	*2*	*Murphy Brothers, storage*	*3,515*	*0*	*750*				
		Barn @ Waverly	*1*	*Electricians, office for service business (Note 3)*	*1,000*	*5*	*350*	*4*			
		Barn @ Waverly	*2*	*Electricians, storage*	*500*	*0*	*750*				
		Barn @ Waverly	*3*	*Holiday Storage Facility (See Note 1)*	*1,752*	*1*	*750*	*0*			
PROPOSED DEMOLITION	*B*	Front Building	1	Murphy Brothers, Storefront (Note 1)	500	0	750	N/A (Unoccupiable)	-	-	N/A
		Front Building	1	MBC General Contractor, Warehousing (Note 2)	1,185	2	750	2		-	N/A
		Front Building	2	MBC General Contractor, Offices for service business (Note 3)	1,300	4	350	4		-	N/A
PROPOSED DEMOLITION	*C*	*Center (MBC) Building*	*1*	*Murphy Brothers, Warehouse*	*2,524*	*0*	*750*	*13*	-	-	*N/A*
		Center (MBC) Building	*2*	*Murphy Brothers, Offices for service business (Note 3)*	*3,024*	*9*	*350*				*N/A*
	D	*Side Building*	*1*	*Auto Glass, Storage/Service*	*612*	*0*	*750*	*5*	-	-	*N/A*
		Side Building	*2*	*Auto Glass, Offices for service business (Note 3)*	*1,122*	*3*	*350*				*N/A*
PREVIOUSLY DEMOLISHED	*E*	*Rear Building*	-	*PREVIOUSLY DEMOLISHED*	-	-	-	-	-	-	-
	F	*Rear Building, Corner*	-	*PREVIOUSLY DEMOLISHED*	-	-	-	-	-	-	-
EXISTING TO REMAIN	**G**	Self Storage	4 floors	Self-Storage (Note 4)	38,467	1	750	52	52	6	*Monday-Friday: 9am-6pm, Staffed*
		Self Storage	4 floors	Circulation & Mechanical Rooms	2,025	1	750	3	3		*Saturday: 9am-5pm, Staffed*
ADDITION	***H***	***Self Storage, ADDITION***	***4 Floors***	***Self-Storage, NET (Note 4)***	***15,925***	***1***	***750***	-	***46***		*Sunday: 11am-4pm, Staffed*
		Self Storage, ADDITION	***4 Floors***	***Circulation & Mechanical Rooms***	***15,345***	***1***	***750***	-			*7am-7pm: Customer Key Fab Access*
		Self Storage, ADDITION	***1***	***Woodworking Shop***	***5,879***	***1***	***750***	-	***8***	3	*Monday–Saturday, 7am-4:30pm*
		Self Storage, ADDITION	***2***	***MBC Offices for service business (Note 3) (150sf/person, NYSBC 2020, Table 1004.5)***	***2,157***	***4***	***350***	-	***7***	4	*Monday-Friday, 8am-6pm; Sat, 8am-4pm*
		Self Storage, ADDITION	***3***	***Incubator Offices (150sf/person, NYSBC 2020, Table 1004.5)***	***2,008***	***8***	***250***	-	***8***	6	*Monday-Friday, 8am-6pm; Sat, 8am-4pm*
	TOTALS				**84,806**	**17**	**-**	**91**	**124**	***13***	***NOTE: 26 PARKING SPACED PROVIDED***

Note 1: Murphy Bros. Storefront is composed of (2) built-in display areas for occupancy of seasonal marketing installations

Note 2: Parking provided @ 1 space/750sf shall be permitted to include wholesaling, storage & warehousing, printing & publishing, manufacturing, assembling, converting, altering, finishing, cleaning or other processing.

Note 3: Parking provided @ 1 space/350sf shall be permitted to include retail or service business.

Note 3A: Required Retail Parking is 1 space for each 350 square feet of gross floor area of a building with not more than 3,500 square feet Retail occupancy.

Note 4: Self-Storage parking based on Institute of Transportation Engineers (ITE) based on on number of self-storage units.

Note 5: Existing off-street parking associated with site buildings to remain shall not be reduced in accordance with Zoning Section 342-55 and shall not be required to comply with current off-street parking requirements as follows:§ 342-55 Existing uses. [Amended 3-25-1974, effective 4-3-1974] Structures and land uses in existence on or for which building permits shall have been approved prior to April 1, 1968, shall not be subject to the requirements for off-street parking spaces set forth herein, provided that any parking facilities now existing to serve such structures or uses shall not in the future be reduced or converted to any other purpose, except to the extent that they may exceed such requirements. Any building permit for the enlargement or extension of any such structure or use shall be conditioned upon the provision of all parking spaces required for such enlargement or extension.

Note 6: Parking Spaces are 9'x19', typical; Loading Spaces are 14' wide.

Floor Areas: Existing

Level	Building (Gross)	Net Storage	Office	Efficiency	5x5	5x10	10x5	7.5x10	10x10	10x15	10x20	10x30	Net Storage
Ground Floor	10,093	5,700	350	60%	100	200	200	900	1,600	1,800	600	300	5,700
2nd Floor	10,133	7,800	0	77%	125	200	200	975	2,000	2,700	1,000	600	7,800
3rd Floor	10,133	7,800	0	77%	125	200	200	975	2,000	2,700	1,000	600	7,800
4th floor	10,133	7,800	0	77%	125	200	200	975	2,000	2,700	1,000	600	7,800
Totals	**40,492**	**29,100**	**350**	**73%**	**475**	**800**	**800**	**3,825**	**7,600**	**9,900**	**3,600**	**2,100**	**29,100**

Floor Areas: Proposed

Level	Building (Gross)	Net Storage	Retail	Efficiency	5x5	5x10	10x5	7.5x10	10x10	10x15	10x20	20x20	Net Storage
Ground Floor	13,038	3,300	0	25%	0	0	0	0	900	0	2,400	0	3,300
2nd Floor	13,038	4,800	0	37%	0	0	0	0	3,000	1,800	0	0	4,800
3rd Floor	10,958	4,800	0	44%	0	0	0	0	3,000	1,800	0	0	4,800
4th floor	7,280	4,800	0	66%	0	0	0	0	3,000	1,800	0	0	4,800
Totals	**44,314**	**17,700**	**0**	**40%**	**0**	**0**	**0**	**0**	**9,900**	**5,400**	**2,400**	**0**	**17,700**

Storage Unit Mix (Existing)	# of Units	% of Units	Sq.Ft.	Total SF	% of SF	Units/ Ground Floor	Units/ Floor(2-4)	Totals, Floors (2-4)
5x5	19	7.06%	25	475	1.75%	4	5	15
5x10	16	5.95%	50	800	4.05%	4	4	12
10x5	16	5.95%	50	800	3.24%	4	4	12
7.5x10	51	18.96%	75	3,825	11.55%	12	13	39
10x10	76	28.25%	100	7,600	27.55%	16	20	60
10x15	66	24.54%	150	9,900	29.17%	12	18	54
10x20	18	6.69%	200	3,600	12.97%	3	5	15
10x30	7	2.60%	300	2,100	9.72%	1	2	6
Subtotal	**269**	**100.00%**	**-**	**29,100**	**100.00%**	**56**	**71**	**213**

Storage Unit Mix (Addition)	# of Units	% of Units	Sq.Ft.	Total SF	% of SF	Units/ Ground Floor	Units/ Second Floor	Units/Third Floor	Units/Fourth Floor	Totals
5x5	5	3.13%	25	125	1.75%	0	0	5	0	5
5x10	0	0.00%	50	0	4.05%	0	0	0	0	0
10x5	0	0.00%	50	0	3.24%	0	0	0	0	0
7.5x10	0	0.00%	75	0	11.55%	0	0	0	0	0
10x10	105	65.63%	100	10,500	27.55%	9	43	30	23	105
10x15	34	21.25%	150	5,100	29.17%	0	11	12	11	34
10x20	16	10.00%	200	3,200	12.97%	12	4	0	0	16
20x20	0	0.00%	400	0	9.72%	0	0	0	0	0
Subtotal	**160**	**100.00%**	**-**	**18,925**	**100.00%**	**21**	**58**	**47**	**34**	**160**
Totals	**429**	**-**	**-**	**48,025**	**-**	**77**		**352**		**429**

LIGHTING SCHEDULE

Location	#	Location	E-Star Partner	Brand Name	Series/Style	Model Number	Description	Additional Info
EXTERIOR	A	At Canopies & Signage	-	Security Lighting Systems	Angle Reflector Wall Sconce	RLM175PMHDBS3RW12B	Gooseneck Wall Sconce	Incandescent, med. base, 200 watt max.
	B1	Waverly Avenue Walkway	DLC	Gama Sonic	Imperial II Solar Lamp	GS-97N	Solar-Powered Post Mounted Lantern	DLC Certified
	B2	Waverly Avenue Walkway	N/A	Gama Sonic	Decorative Pole	DB1	Lantern Post	-
	C	At Egress & South Façade	DLC	Security Lighting Systems	Trapezoidal Wall Sconce	TWSL30LEDWDDB120PCEM	Wall Mounted Sconce	DLC Certified
	D	At Canopy Soffit(s)	DLC	Security Lighting Systems	LED Recessed Canopy Light	ECLED36G700UNVSYM5KWH	Recessed	DLC Certified

3 ZONING & SCHEDULES

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3	SPA SUBMISSION	02/08/18
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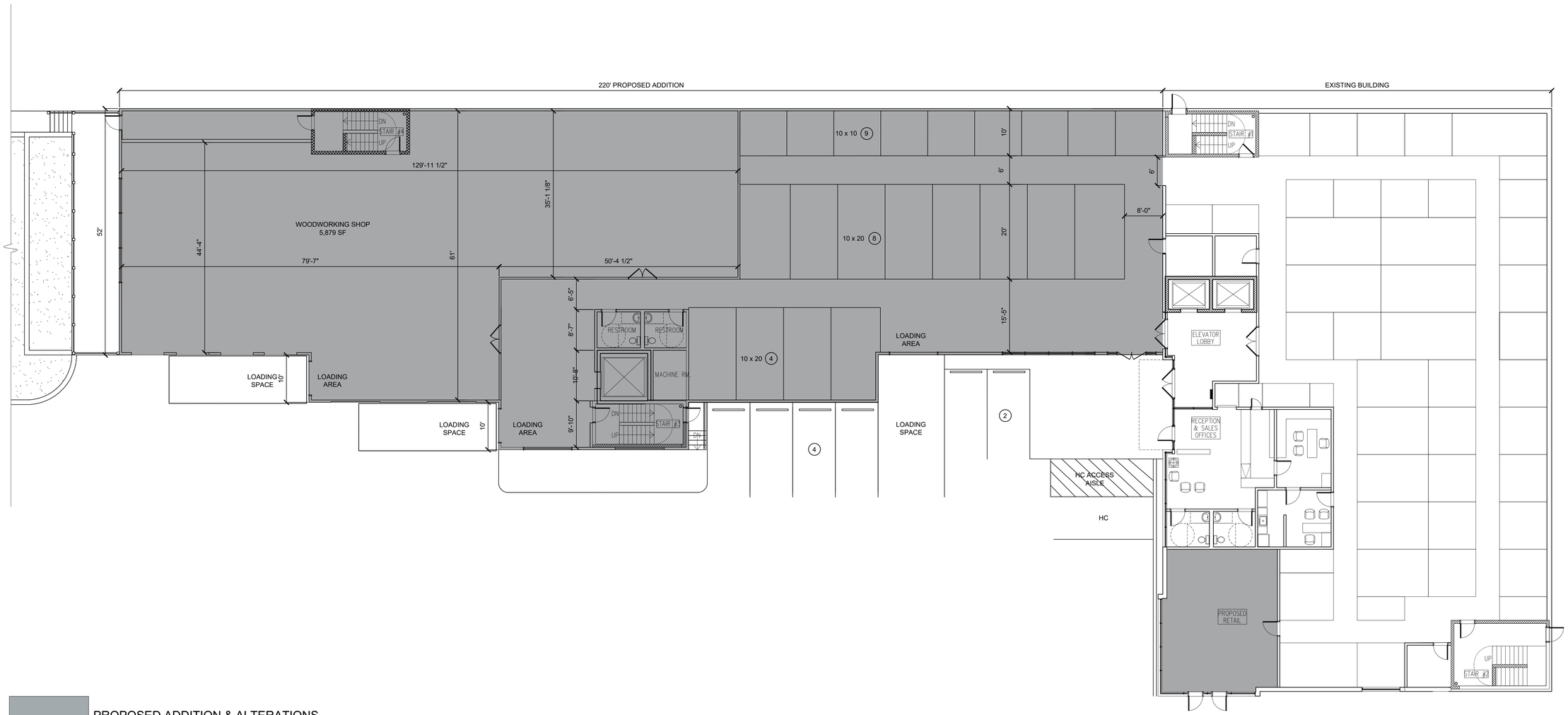

PROPOSED ADDITION & ALTERATIONS

1 FIRST FLOOR PLAN
SCALE: 3/32"=1'-0"

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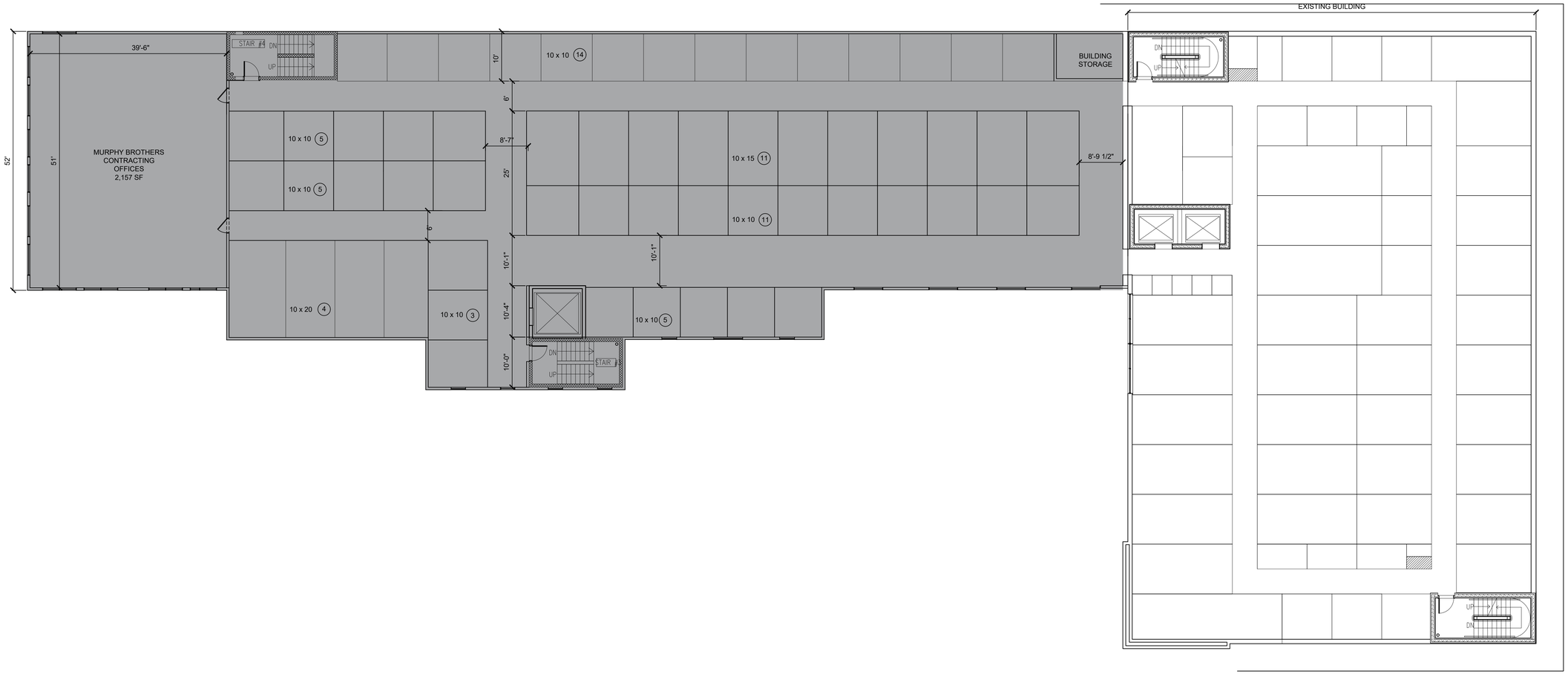

PROPOSED ADDITION & ALTERATIONS

1 2ND FLOOR PLANS
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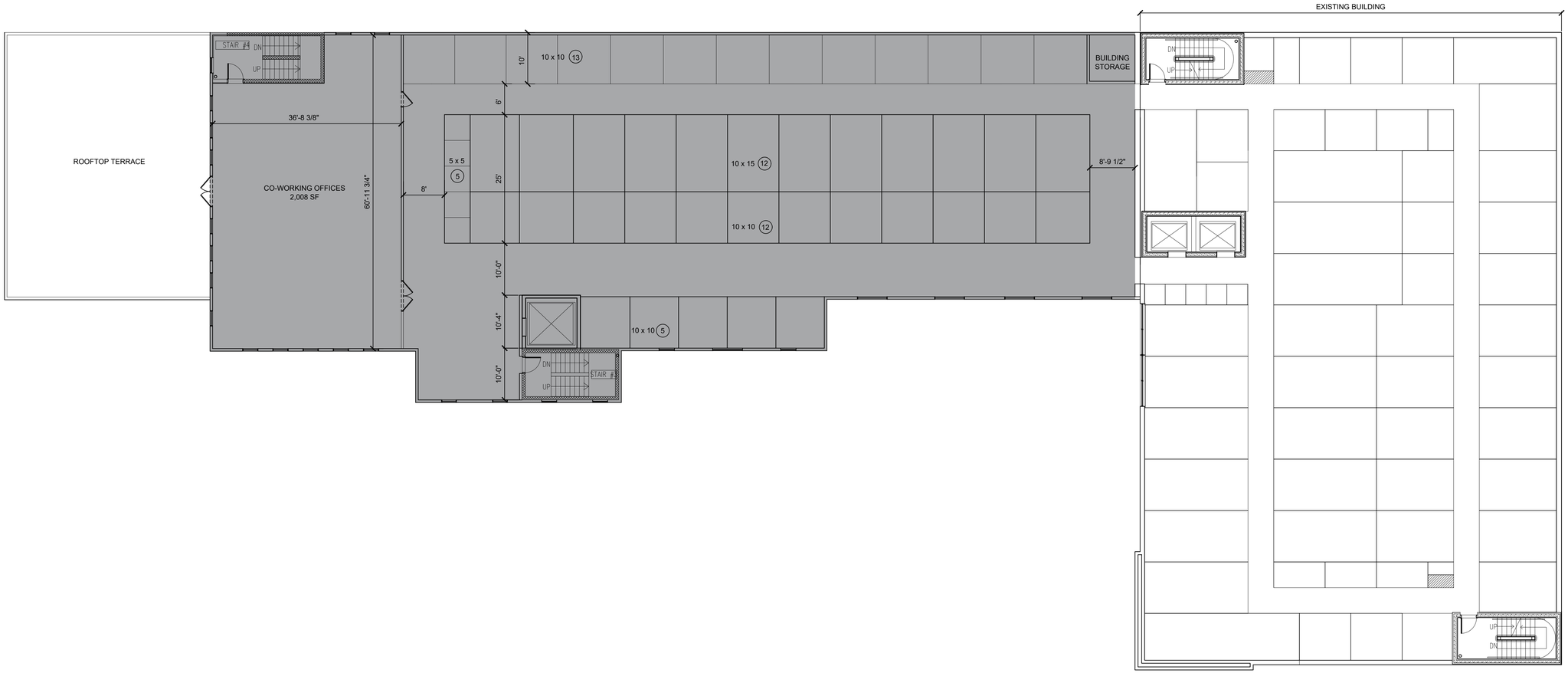

PROPOSED ADDITION & ALTERATIONS

1 3RD FLOOR PLAN
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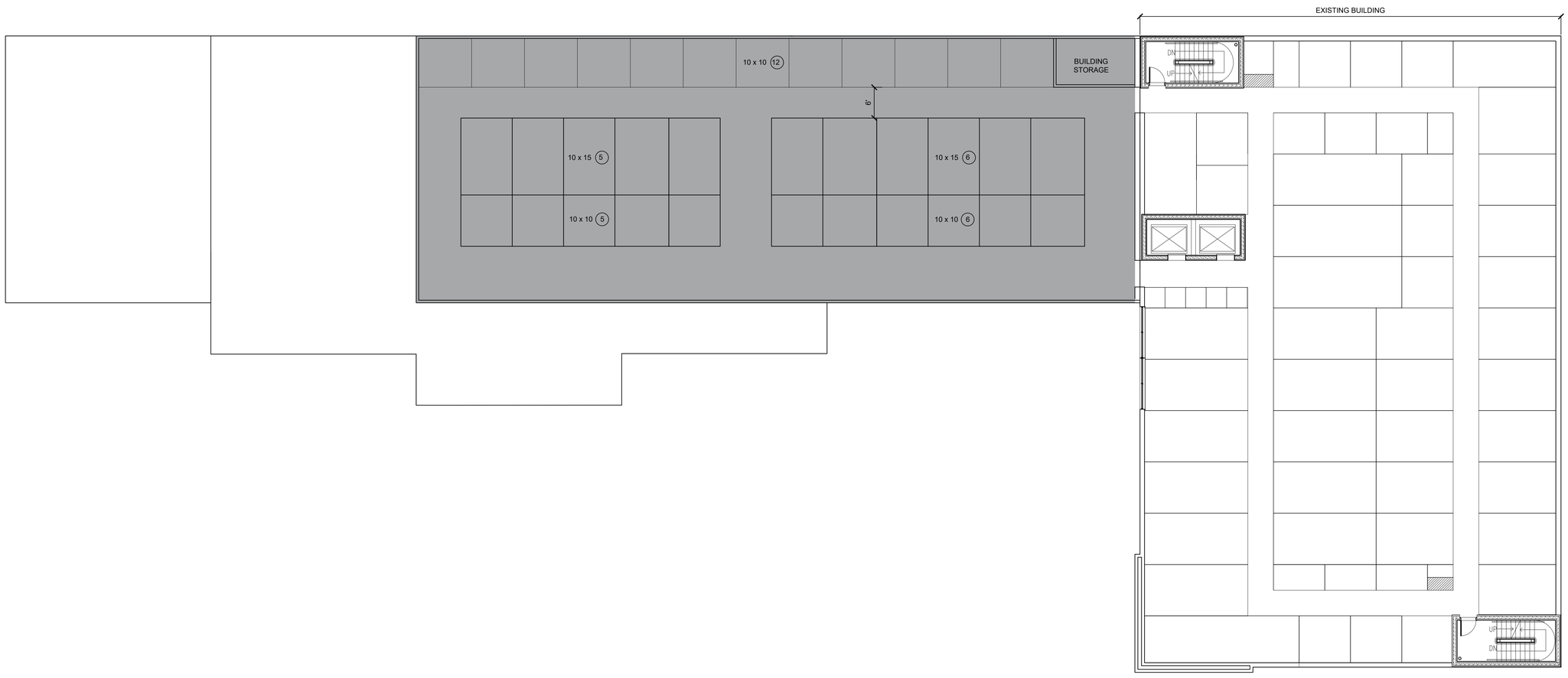

PROPOSED ADDITION & ALTERATIONS

1 4TH FLOOR PLAN
SCALE: 3/32"=1'-0"

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FOURTH FLOOR PLAN

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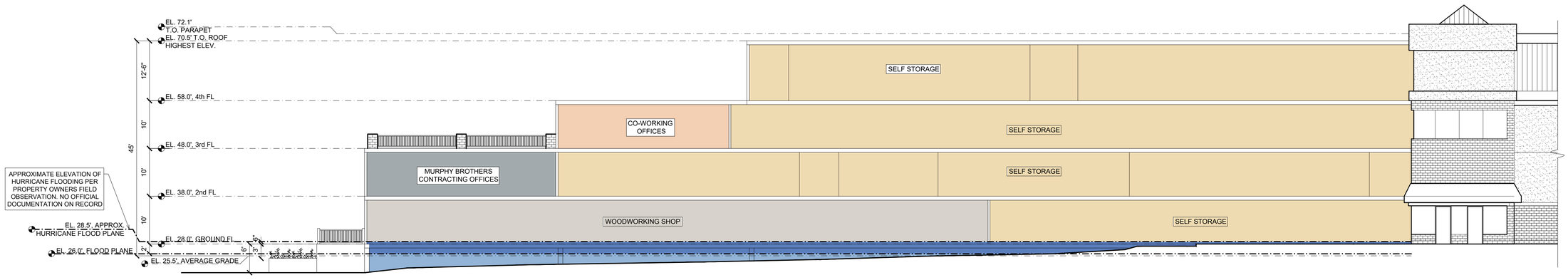

1 PROPOSED SECTION
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