P Phase I Environmental Site Assessment (ESA), Limited Phase II Environmental Site Investigation (ESI), EDR Excerpt, Spill Incidents Database Results, Town of Mamaroneck Foil Request, Westchester County Foil Request Confirmations

Phase I Environmental Site Assessment (ESA)

Proactive by Design

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Hampshire Country Club
1025 Cove Road
Mamaroneck, New York

April 2016
File No. 41.0162403.00

PREPARED FOR:
VHB
White Plains, New York

PREPARED BY:
GZA GeoEnvironmental of New York
104 West 29th Street, 10th Floor
New York, NY 10001
(212) 594-8140

26 Offices Nationwide
www.gza.com

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GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION MANAGEMENT

GZA GeoEnvironmental of New York
104 West 29th Street
10th Floor
New York, NY 10001
212.594.8140
www.gza.com

April 18, 2016
File No. 41.0162403.00

VHB
50 Main Street, Suite 360
White Plains, NY 10606

Attention: Michael W. Junghans

Re: Phase I Environmental Site Assessment
Hampshire Country Club
1025 Cover Road
Mamaroneck, New York

Dear Mr. Junghans:

In accordance with our proposal dated December 30, 2015 (revised February 2, 2016), GZA GeoEnvironmental of New York (GZA) is pleased to provide the attached Phase I Environmental Site Assessment Report. This assessment was completed in general accordance with the guidelines described in ASTM International's *Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process* (ASTM E1527-13).

This Report is based on our review of available historical and environmental records, visual observations of the surface of the subject and adjoining properties, and personal interviews with available persons having knowledge of the property. **Section 11.0,** Findings and Conclusions, is considered an Executive Summary, and **Section 11.0** should be reviewed in conjunction with the entire Report.

We hope this satisfies your present needs. If you need any additional information, please call Stephen Kline or John Gavras at 212-594-8140.

Very truly yours,
GZA GEOENVIRONMENTAL OF NEW YORK

Stephen M. Kline
Senior Project Manager

Benjamin Alter
Consultant Reviewer

John M. Gavras
Associate Principal/Environmental Professional

Attachment: Phase I Environmental Site Assessment Report

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1.0 INTRODUCTION

1.1 PROJECT AUTHORIZATION

This report presents the results of a Phase I Environmental Site Assessment (Report) conducted by GZA GeoEnvironmental of New York (GZA) for VHB (Client) at property identified as the Hampshire Country Club at 1025 Cove Road in Mamaroneck, New York (Site). The Site visit portion of the environmental assessment was conducted on February 23, 2016. Authorization to proceed on this project was granted in accordance with GZA's signed proposal February 2, 2016.

The scope of work described below was designed to be in general accordance with ASTM International's *Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process* (ASTM E1527-13). As specified in our proposal for this work, we have assumed that the purpose of this Report is to assist the User of this Report in qualifying for Landowner Liability Protection (LLP) against CERCLA liability. We have also assumed that this assessment is not being funded, in whole or in part, with a federal grant under the EPA Brownfield Assessment and Characterization Program, and is not being funded by the US Small Business Administration.

1.2 PROJECT OBJECTIVES

The objectives of this Phase I Environmental Site Assessment were:

- To render an opinion as to whether surficial or historical evidence indicates the presence of recognized environmental conditions, controlled recognized environmental conditions , and/or historical recognized environmental conditions, which could result in the presence of hazardous materials in the environment, as defined in the ASTM E1527-13; and

- To permit the User of this assessment to satisfy one of the requirements to qualify for certain Landowner Liability Protections under CERCLA.

As defined by ASTM E1527-13, he term recognized environmental condition (REC) means "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment". De minimis conditions are not recognized environmental conditions.

A controlled recognized environmental condition (CREC) means "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

In addition, an historical recognized environmental condition (HREC) means "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls."

1.3 SCOPE OF SERVICES

GZA's assessment of the Site was completed in general accordance with ASTM E1527-13 and GZA's proposal for services. GZA's scope of services consisted of the following activities:

- Review of federal and state regulatory agency databases identified by ASTM for the Site and a selected radius around the Site;
- Contact with local environmental regulatory agencies to inquire about environmental conditions at the Site and in its vicinity;
- Review of the Site history through available ASTM Standard Historical Sources;
- A Site reconnaissance to make surficial observations for evidence of recognized environmental conditions;
- A vicinity reconnaissance of properties within ¼ mile of the Site;
- A review of adjoining properties to identify the potential use of hazardous materials;
- An interview with the Key Site Manager as well as certain other available occupants and major tenants regarding the current and past Site usage and facility operations; and
- Preparation of this Report of our findings.

Omissions to ASTM E1527-13 include:

- ASTM identifies a title search for environmental liens as a User Responsibility and recommends that the User provide it to the Environmental Professional for review. The Client did not provide a title search for our review. In GZA's opinion, however, this is not a significant data gap since the history of the Site is well documented through other means.
- Building department permits were not reviewed and past owners were not interviewed as part of this assessment. However, it is unlikely that these resources would provide information not obtained from other sources.

It should be noted that GZA's study does not include ASTM non-scope considerations, such as asbestos, lead paint, or regulatory compliance.

This Report presents GZA's field observations, results, and opinions. This Report is subject to modification if subsequent information is developed by GZA or any other party. This Report has been prepared in accordance with the limitations presented in **Section 13.0** and in **Appendix A,** and the terms and conditions of our proposal revised February 2, 2016 are also are included in **Appendix A**.

2.0 BACKGROUND SITE INFORMATION

The following information was obtained during GZA's Site reconnaissance and from interviews with people knowledgeable about the Site. Photographs depicting Site conditions at the time of GZA's assessment are presented in **Appendix B**. Additional information on Site use and area observations and activity at the Site is contained in **Sections 6.0 and 7.0**.

2.1 SITE LOCATION

The Site is located at 1025 Cove Road in Mamaroneck, New York. The Site is bounded by Delancey Cove to the south and residential neighborhoods to the north, west, and east. The border between the Village of Mamaroneck and the Town of Mamaroneck passes through the western portion of the Site. A Site Location Plan is attached as **Figure 1**.

2.2 SITE DESCRIPTION

The approximately 130-acre Site is known as Hampshire Country Club. The country club is identified in the Village of Mamaroneck Section 9, and the following assessor's block and lot numbers:

Block 35: Lot 700,
Block 36: Lot 1
Block 42: Lots 367, 568, 659
Block 43: Lots 1, 12

As shown on **Figure 2**, the southern portion of the country club contains the clubhouse, which is a 1-story, 35,000-square foot frame and stone building. The primary clubhouse contains locker rooms, fitness rooms and dining areas. To the southwest of the primary clubhouse is the golf pro shop building, swimming pool, and swimming pool maintenance building. On the north side of Cove Road, is a caddy headquarters/golf cart storage garage building.

The central area is primarily comprised of the 18-hole golf course. Water hazards on the golf course consist of six (6) artificially created ponds are located throughout the golf course. Various sand traps and landscaped hills are located throughout the golf course. A comfort station/restroom is located on the north side of the golf course.

The northern side of the Site contains the maintenance areas. The maintenance area consists of a workshop building, a chemical storage shed, an equipment storage building and an equipment storage shed. This maintenance area is also the location of the three aboveground storage tanks (AST) at the Site.

2.3 CURRENT SITE USE

The Site is occupied by Hampshire Country Club. It is a private country club consisting of a golf course, tennis courts, a swimming pool, and associated buildings. Eagle Knolls Road, which turns into Cove Road, passes through the southern side of the Site, to the north of the primary clubhouse and parking areas.

A more detailed description of Site use is contained in **Section 6.2.3**.

2.4 ADJOINING PROPERTIES USE

The Site is adjoined by the following:

Direction	Street Address/Location	Name or Current Use
North	West Fairway Green, Old Post Lane, Sylvan Lane, Cooper Avenue, on which are residential properties. **Addresses:** 1101 Fairway Green Road – 1403 Fairway Green Road 500 Cooper Avenue 950 Sylvan Lane – 902 Sylvan Lane	Residential Properties
Northwest	Rockridge Road, on which are residential properties **Addresses:** 4 Rockridge Road – 24 Rockridge Road	Residential Properties
West	130 Hommocks Road	Hommocks Middle School
Southwest	Eagle Knolls Road, beyond which is Flint Park and East Creek	Flint Park and East Creek
South	Eagle Knolls Road/Cove Road, on which are residential properties. **Addresses:** 10002 to 1110 Cove Road	Residential Properties
Southeast	Cove Road and Fairway Lane, on which are residential properties. **Addresses:** 722 Cove Road – 752 Cove Road 917 Cove Road - 925 Cove Road 931 Fairway Lane - 1000 Fairway Lane	Residential Properties
Northeast	Fairway Lane and Orienta Avenue, on which are residential properties. **Addresses:** 911 Fairway Lane – 931 Fairway Lane 511 Orienta Avenue – 601 Orienta Avenue	Residential Properties

2.5 AREA USE

The area surrounding the Site is generally used for residential purposes. Hommocks Middle School adjoins the Site to the west. Commercial properties, include restaurants, diners, grocery stores, and a motel are located along West Boston Post Road, which is located to the north of the Site, past Fairway Green and Old Boston Post Road. Mamaroneck High School is also located along West Boston Post Road. Elko Auto Repair is located at 1139 West

Boston Post Road, approximately 700 feet to the northwest of the Site. The Site vicinity reconnaissance is described in **Section 7.2.**

2.6 SITE UTILITIES

The following utilities provide service to the clubhouse building at the Site:

Service	Provider
Electricity	Consolidated Edison Company of New York
Drinking Water	Town of Mamaroneck
Sanitary Sewer Services	Town of Mamaroneck
Storm Water Services	Town of Mamaroneck

Although the clubhouse building is connected to the Town of Mamaroneck sanitary sewer, there are three on-Site septic tanks in use for the maintenance building, the golf course comfort station/restroom, and the tennis pavilion, as described in **Section 6.1.11**.

3.0 ENVIRONMENTAL SETTING

The following subsections provide information regarding the general physiographic, hydrologic, and soil conditions in the area of the Site. Information was gathered from various sources including a database research report provided by Environmental Data Resources (EDR), the previous reports reviewed by GZA in **Section 5.0**.

3.1 REGIONAL PHYSIOGRAPHY

Based on a review of the 2013 U.S. Geologic Survey Map for Mamaroneck, New York the Site is located at an approximate elevation between five and 10 feet above mean sea level (MSL). The general, regional topography slopes downward from the north to the south, with a localized higher elevation area running northeast of the Site and separating it from Mamaroneck Harbor further to the northeast of the Site. Running north to south in the middle of the Site are a series of small hills, which reach elevations greater than 20 feet above MSL, and slope downward towards the on-Site ponds in the eastern and southern portions of the Site. As shown on **Figure 1**, topography near the Site generally slopes downward towards Delancey Cove to the south of the Site.

3.2 GROUNDWATER CONDITIONS

Based on the information provided in the EDR report, the estimated depth to groundwater is approximately at less than 10 feet below ground surface (bgs). Based on a review of regional topography depicted on the USGS Map for the area, the inferred direction of groundwater flow is to the south towards Delancey Cove.

A groundwater observation well was installed at the Site during a geotechnical investigation on March 1, 2016. The measured depth to groundwater at the monitoring well was less than 5 feet bgs. It should be noted that changes in groundwater levels will occur due to variations in seasonal influences, tidal fluctuations, precipitation amounts, local pumping, utility leakage, and other factors different from those existing at the time the observations were made.

3.3 SOIL AND ROCK CONDITIONS

Based on the results of the subsurface exploration program conducted as part of the geotechnical investigation at the Site, the subsurface conditions at the Site generally a thin overburden overlaying shallow bedrock. The stratum were generally described as consisting of the following, in order of increasing depth:

- SURFACE COVER – A three to four-inch thick topsoil/sod layer typically was observed at the ground surface.
- FILL – Fill, consisting of gray/tan, fine to coarse sand, was encountered in some of the test borings.
- SILT AND CLAY – A Silt and Clay stratum, consisting of gray, silt, and clay, was encountered immediately below the surface cover in most locations to depths ranging between 2 and 4 feet bgs.
- PEAT – A fibrous peat layer and other wetland deposits were noted in the eastern portions of the Site.

- SAND – A Sand stratum, consisting of gray/brown, fine to coarse sand, was encountered in each test boring below the Surface Cover, Fill, or Silt and Clay layers to depths ranging from three to 17.5 feet bgs. The Sand stratum extended to the top of bedrock in each exploration.

- BEDROCK – Refusal (presumed to be top of bedrock) was encountered at all of the test borings at depths ranging from three to 17.5 feet bgs. The bedrock encountered consisted of slightly fractured, moderately weathered Gneiss.

4.0 HISTORICAL USE INFORMATION

The Site history was developed from ASTM Standard Historical Sources and available files at the Assessor's Office, and Health Department, and interviews with the Key Site Manager. A list of references and interviewed is included in **Section 9.0**.

ASTM indicates that "… all obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier." ASTM further indicates, "…data failure is not uncommon…" when trying to establish the historical use of a property. A historical summary report is provided in **Section 4.1**. Specific information obtained from ASTM historical sources is contained in following sections.

4.1 SITE AND AREA HISTORY SUMMARY

At the time of GZA's visit, the study Site was occupied by Hampshire Country Club, a private club consisting of a golf course, seven tennis courts, and associated buildings. Historically, the Site has been a country club since at least 1934, and the primary clubhouse has under gone several renovations since that time. A review of the historical Sanborn maps indicates that prior to 1934, the Site and the general vicinity consisted of vacant land utilized for agricultural purposes. The Hampshire Country Club website indicates that Devereux Emmet designed the golf course in 1927. A review of the historical topographic maps indicates that during the development of the country club, inlets from Long Island Sound and marshland that were present on the Site were backfilled. The source of the historic fill material is unknown.

4.2 CITY DIRECTORIES REVIEW

GZA reviewed Cole Information Services city directories provided by EDR for 2013, 2008, 2003, 1999, 1995, 1992, 1987, 1982, 1977, 1972. The Site was identified as "Hampshire Country Club" in each of the listings. Refer to **Appendix C** for the EDR City Directory Report. GZA did not identify listings for adjoining properties that indicated significant environmental concerns.

4.3 HISTORIC TOPOGRAPHIC MAP REVIEW

GZA reviewed historic USGS topographic maps provided by EDR for the years 2013, 1979, 1975, 1967, 1966, 1956, 1955, 1947, 1900, 1898 and 1897. The table below contains GZA's description of the Site and vicinity properties as shown on the historic topographic maps. Refer to **Appendix D** for the EDR Historic Topographic Report.

Year	Description of Site	Description of Vicinity
1898-1900	The Site appears to be vacant land. Extensive coastal marshland and streams are depicted on the eastern and western areas of the Site. Larchmont Harbor is depicted to the south of the Site. Site topography appears to be less than 10 feet above sea level.	The Site vicinity primarily consists of residential-type structures and agricultural use land.

Year	Description of Site	Description of Vicinity
1947	The country club has been developed. The clubhouse building is depicted on the 1947 Topographic Map. The coastal marshland previously observed in the eastern and western areas of the Site is no longer depicted. An unnamed stream near East Creek is depicted on the northwestern portion of the Site. Site topography has been increased to greater than 20 feet above sea level in some areas.	The topography in the vicinity remains primarily unchanged, with the exception of some marshland near the Site, which appears to have been filled in to create land.
1955-1956	Site topography remains primarily unchanged from the 1947 map.	The topography in the vicinity remains primarily unchanged.
1966-1967	Pond additions are depicted on the southwest and northeast areas of the Site. The clubhouse appears to have been expanded. Changes in topographic features and elevation are depicted across the central golf course area of the Site. Several hills are depicted, and are likely associated with elevation changes associated with golf course design.	The topography in the vicinity remains primarily unchanged. Hommocks Middle School is now depicted to the west of the Site.
1975-1979	Site topography remains primarily unchanged from the 1967 map.	The topography and development in the vicinity remains primarily unchanged.
2013	Some elevation changes are depicted which are likely associated with the design of the golf course.	The topography and development in the vicinity remains primarily unchanged.

4.4 AERIAL PHOTOGRAPH REVIEW

GZA reviewed historical aerial photographs provided by EDR for the years 2011, 2009, 2006, 1994, 1984, 1974, 1964, 1961, 1954, and 1951. The table below contains GZA's description of the Site and vicinity properties as shown in the aerial photographs. Refer to **Appendix E** for the EDR Aerial Photograph Report.

Year	Description of Site	Description of Vicinity
1951-1954	The country club is depicted as developed. The clubhouse is depicted on the southern side of the Site, however due to the quality of the aerials, specific building features cannot be identified. Various sand traps can be identified on the golf course, and a pond is depicted on the southern portion of the Site and a tributary to East Creek is located in the western portion of the Site.	The Site vicinity primarily consists of residential-type structures.

Year	Description of Site	Description of Vicinity
1961-1964	No significant changes appear to be depicted on the 1961 and 1964 aerial image, however due to the image resolution, specific Site features cannot be identified. By the 1964 photograph, the East Creek tributary has been expanded into a long narrow pond similar to its current configuration.	Progressive increase in structure density depicted in the vicinity.
1974	A water hazard/pond has been added on the northeast side of the Site. Various changes to the sand traps/bunkers are depicted which appear to be associated with changes in design to the golf course.	Progressive increase in structure density depicted in the vicinity. Hommocks Middle School appears to have been constructed, to the west of the Site.
1984	The tennis courts appear to have been constructed and are depicted on the southern portion of the Site north of Cove Road. Some minor changes to the design of the golf course, including sand trap configuration is identified.	Progressive increase in structure density depicted in the vicinity. The previously undeveloped area to the northeast of the Site has been developed with residential properties.
1994	An additional pond/water hazard has been added to the northeast area of the Site.	Progressive increase in structure density depicted in the vicinity. Residential street development is depicted adjoining the Site to the northeast.
2006	The configuration of the ponds/water hazards on the golf course has been changed. A pond on the northeast side of the Site has been expanded, and two additional ponds have been added to the south side of the Site, to the east and west of the tennis courts.	Progressive increase in structure density depicted in the vicinity.
2009-2011	The golf course appears similar to its current configuration.	Progressive increase in structure density depicted in the vicinity.

4.5 HISTORIC ATLAS REVIEW

GZA requested historic Sanborn maps from EDR. GZA reviewed Sanborn Maps for the years 2003, 1996, 1995, 1994, 1992, 1988, 1963, 1950, 1942, 1934 and 1919. The table below contains GZA's description of the Site and vicinity properties as shown in the Sanborn Maps. Refer to **Appendix F** for the EDR Sanborn Report.

Year	Description of Site	Description of Vicinity
1919	The Site appears to be vacant land, utilized for agricultural use. The Site is depicted as "Meadow Land", and occupied by Pelanta Co. Inc., Hester B. Young., J.W. Crawford, and Est. of Ella C. Howell. Prickley Pear Inlet continued into the Site from Delancey Cove to the west of the current clubhouse area.	The Site vicinity primarily consists of residential-type structures and agricultural use land.

Year	Description of Site	Description of Vicinity
1934	The country club appears to have been developed. The Site is identified as Larchmont Harbor Links Inc. Golf Course. The clubhouse, auto parking, and tennis courts appear on the south side of the Site. A structure identified as a caddy house is located to the north of the clubhouse. The clubhouse description includes the presence of a "laundry" and "drying room". An indoor swimming pool is located on the eastern side of the clubhouse. A shed is depicted on the north side of the Site in the vicinity of the current maintenance area. The Prickley Pear Inlet has been partially filled, made into a pond, and separated from Delancey Cove.	Progressive increase in structure density depicted in the vicinity. The Site vicinity is sparsely developed with residential properties.
1942	The Site is identified as Hommocks Country Club Golf Course. The clubhouse remains in a similar configuration to the 1934 drawing.	A progressive increase in development is depicted in the vicinity of the Site. Developments to the north, south, east and west of the Site appear to be primarily residential structures.
1950	The Site appears to be in a similar configuration to the 1942 Sanborn. The Site is now identified as Hampshire Country Club Golf Course.	A progressive increase in development is depicted in the vicinity of the Site.
1963	An expansion is depicted on the clubhouse building. A separate golf pro shop building is depicted on the 1963 Sanborn Map, just to the west of the clubhouse. A repair shop is depicted in the north "maintenance area" of the Site, to the west of the shed initially identified in the 1934 Sanborn Map.	Progressive increase in structure density depicted in the vicinity.
1988	Additions to the Site include the golf shop and golf cart shed buildings, added to the west and north of the clubhouse. A swimming pool has also been added to the west of the new golf pro shop. The maintenance shed shown on the 1934 Sanborn Map has been removed.	Progressive increase in structure density depicted in the vicinity. Hommocks Elementary School has been developed to the west of the Site.
1992-1996	The country club appears to be in a similar configuration to the 1988 Sanborn Map.	Progressive increase in structure density depicted in the vicinity.
2003	The country club appears to be in its current configuration. The clubhouse, pool, tennis courts, and parking area is depicted on the south side of the Site.	Progressive increase in structure density depicted in the vicinity.

4.6 TITLE SEARCH AND HISTORY OF OWNERSHIP

As noted previously, no abstract of title was provided to GZA for review, and the completion of a title search was not included in the scope of this assessment. According to Daniel Pfeffer, the representative of the current owner, Hampshire Recreation, LLC, they purchased the property from Hampshire Country Club, Inc. in June 2010.

4.7 BUILDING DEPARTMENT RECORDS

Building permit reports were not reviewed for the Site. The environmental database did not have coverage for building permits at the Site, and building permits were not provided to GZA for review.

4.8 PROPERTY TAX FILES

GZA reviewed property tax data associated with the Site. The boundary line between the Village of Mamaroneck and the Town of Mamaroneck appears to pass through the western portions of the Site. The approximately 130-acre Site is known as Hampshire Country Club. The country club is identified by Section 9, and the following block and lot numbers:

Block 35: Lot 700,
Block 36: Lot 1
Block 42: Lots 367, 568, 659
Block 43: Lots 1, 12

5.0 PREVIOUS SITE INVESTIGATIONS

GZA requested any available previous environmental investigations associated with the Site. The Client provided GZA with soil boring logs, dated July 2012 that were prepared by East Coast Geoservices, LLC (ECG). We also reviewed the Preliminary Geotechnical, prepared by GZA and dated March 18, 2016.

ECG Subsurface Investigation Boring Logs, dated July 2012

ECG performed six soil borings at the Site (identified as B-1 through B-6). Groundwater was encountered at borings B-1 through B-3 at 5 feet bgs. Groundwater was encountered at B-4 10 feet bgs and B-6 and 15 feet bgs. Groundwater was not encountered at B-5. The borings ranged in depth from 6 feet bgs (due to refusal) to 17 feet bgs (due to refusal). Drilling refusal was assumed to be top of bedrock; however, no rock coring was performed by ECG. No environmental observations were noted on the boring logs.

Preliminary Geotechnical Engineering Report, prepared by GZA, dated March 18, 2016

GZA performed a geotechnical investigation at the Site and prepared a Preliminary Geotechnical Engineering Report, dated March 18, 2016. The geotechnical investigation consisted of six test borings (designated GZ-1 through GZ-6), drilled by Soil Testing, Inc. of Oxford, Connecticut, on February 29th and March 1, 2016 using hollow-stem auger drilling techniques. Depth to bedrock based on drilling refusal was encountered between three to 17.5 feet bgs. Bedrock was cored at one location (GZ-2). The report evaluated subsurface conditions at the Site and provided preliminary geotechnical design and construction recommendations for proposed redevelopment at the Site.

6.0 SITE RECONNAISSANCE

The purpose of GZA's Site reconnaissance was to make surficial observations for evidence of recognized environmental conditions that could result in the presence of oil or hazardous materials in the environment. GZA Assistant Project Manager Rahul Bhatia visited the Site on February 23, 2016. Mr. Scott Olson, Golf Course Superintendent, accompanied GZA during the Site reconnaissance. GZA photo-documented pertinent features or areas of environmental concern, and our observations are documented within the Report. Selected photographs are included in **Appendix B**, and **Figure 2**, Site Plan, depicts pertinent Site features. A summary of each area assessed is presented in the following sections.

6.1 EXTERIOR OBSERVATIONS

The periphery of the Site and portions of the property not occupied by structures were visually assessed for recognized environmental conditions.

Exterior portions of the Site consisted of the golf course, tennis courts area, maintenance area, pool area, paved parking areas with landscaped islands, and perimeter sidewalks.

6.1.1 Underground Storage Tanks

No surficial evidence of underground storage tanks (UST) (i.e., fill ports, vent pipes, pavement repairs, etc.) was observed during the exterior Site reconnaissance. Mr. Olson indicated that he was not aware of USTs at the Site.

6.1.2 Aboveground Storage Tanks

GZA observed three ASTs in the maintenance and workshop building area, located in the northern portion of the Site. Tank 1 is an in-service 1,000-gallon gasoline tank, situated on struts on a concrete pad. The tank is labeled "Tank # 1". The Tank 1 is utilized for on-Site vehicles, including golf carts and food vendor carts. In the same general area as Tank 1, is a 500-gallon diesel tank labeled as labeled "Tank # 2." Tank 2 is built with metal struts on a concrete pad. Tank 3 is located in the maintenance and workshop building on the Site, and is a 275-gallon No. 2 fuel oil tank. Tank 3 stores fuel for heating the maintenance and workshop building. The ASTs are registered with the State (see **Section 8.2**). No signs of cracks, leaks or holes were observed in the ASTs, and staining was not observed in the vicinity of the tanks.

6.1.3 Hazardous Substances or Petroleum Products Use

With the exception of the ASTs, no evidence of chemicals, hazardous substances, or petroleum products was observed on the exterior portions of the Site.

6.1.4 Staining

No surficial staining (other than typical parking lot staining) was observed; however, observations were limited due to the presence of parked cars.

6.1.5 Electrical Transformers/Equipment

GZA observed two pad-mounted transformers on the Site. The transformers were located near the southern and northern sides of the on-Site golf course. GZA did not observe surficial staining at either transformer location.

6.1.6 Drywells and Sumps

No surficial evidence of exterior drywells or sumps was observed during GZA's Site reconnaissance.

6.1.7 Pits, Ponds, and Lagoons

GZA observed six ponds located throughout the golf course at the Site. Water level in one of the ponds, located in the northeast area of the Site, is regulated by two on-Site water wells. The water from the wells is pumped to the pond, and subsequently pumped to an irrigation shed located adjacent to the pond. The well/pond water is then pumped to the various sprinkler and irrigation systems throughout the golf course.

6.1.8 Wells

Two active water supply wells were observed on the northeastern portion of the Site. According to Mr. Olson, the wells are approximately 350-feet deep, and each contains a 50-gallons-per-minute submersible pump. The wells are used to regulate the water level in a nearby pond and provide irrigation water for the golf course.

6.1.9 Solid Waste

GZA observed several solid waste dumpsters in the maintenance area of the golf course. GZA did not observe significant staining in the area of the dumpsters.

6.1.10 Process Wastewater

No surficial evidence of the on-Site disposal of process wastewater was observed.

6.1.11 Septic System

GZA observed evidence of three on-Site septic systems at the Site. The northern-most septic tank is located near the maintenance area of the Site, and is connected to the maintenance and workshop building. A second septic system is located to the south and west of the maintenance area, and is associated with a comfort station/restroom located on the golf course. The third septic tank is located on the south side of the Site, and is associated with the tennis court pavilion.

6.1.12 Stressed Vegetation

No stressed vegetation was observed on the Site.

6.1.13 Soil/Water Sampling

No subsurface explorations or chemical analyses have been included as part of GZA's scope of services. Information regarding subsurface conditions can be obtained by traditional subsurface exploration techniques and the collection and chemical analysis of soil and water samples.

6.1.14 Oil/Water Separators

No surficial evidence of oil/water separators was observed at the Site.

6.1.15 Surface Water Runoff

Surface water is generally directed either to on-Site drainage systems. The majority of storm water is anticipated to infiltrate on Site. The remainder of the storm water collects in on-Site ponds, or storm water catch basins, which are reportedly discharge to the municipal storm water system.

6.1.16 Hydraulic Equipment and Lifts

No hydraulic equipment was observed on the exterior portion of the Site.

6.1.17 Other Observations

No other significant exterior observations were made.

6.2 INTERIOR OBSERVATIONS

The interior of the Site, including occupied areas and storage areas, was visually assessed for evidence of recognized environmental conditions. The conditions observed are presented below.

6.2.1 Construction

The Site buildings consisted of the primary clubhouse, tennis pavilion, comfort station/restroom, swimming pool maintenance building, golf pro shop, maintenance equipment storage shed, chemical storage shed, caddy headquarters/golf cart storage garage building., equipment storage building, and the maintenance and workshop building.

The primary clubhouse building has undergone several renovation since its initial construction prior to 1934.

6.2.2 Heating and Cooling

Heating and cooling to the primary clubhouse is provided by electric air conditioning units and a natural gas fueled boiler. The tennis pavilion building is not serviced by heating and cooling units. The maintenance and workshop building is serviced by a 275-gallon #2 fuel oil AST.

During a prior renovation, the primary clubhouse was likely converted to natural gas from either coal or oil heating. However, GZA did not observe an evidences of oil tanks associated with the current building.

6.2.3 Current Site Use

The Site is currently utilized as a private country club, consisting of a golf course, tennis courts, maintenance area and associated buildings.

6.2.4 Chemical Use and Storage Areas

Pool chemicals were stored in a dedicated building adjacent to the primary pool, and consisted of muriatic acid and calcium chloride flakes. Laundry-related chemicals were stored in the primary clubhouse area, and consisted of various detergents and fabric chemicals.

A chemical storage area containing pool chemicals, including muriatic acid and calcium chloride flakes were observed adjacent to the pool on the south side of the Site. Additionally, a chemical storage shed containing various herbicides, pesticides, and fungicides observed in the northern maintenance area of the Site. The chemicals were stored on an open grate situated over a steel floor. No floor drains were observed in the chemical storage shed. The shed housed chemicals including:

- Glysophate Plus Herbicide
- Quinclorac Liquid Herbicide
- Chipco Signature Fungicide
- Revolution Fertilizer Substitute
- Dimension Ultra 40 WP Herbicide
- Banol Fungicide
- Tenacity Herbicide
- Chipco Flo Fungicide
- Seed Research 1150 Bentgrass
- T-Nex Turf Management Product
- Miscellaneous Grass Seed Blend Products
- Various household cleaning supplies

The maintenance and workshop building contained various paints and primers utilized for vehicle maintenance. The maintenance and workshop building also contained two 55-gallon drums of motor oil. A third 55-gallon drum was used for the storage of used oil. When the used oil drum is filled, the petroleum supplier picks up the drum and reportedly transports it for recycling.

6.2.5 Hazardous Wastes Generated and Waste Storage Areas

According to the Site contacts, hazardous wastes are not generated by activities at the Site.

6.2.6 Stains or Corrosion

No significant staining was observed.

6.2.7 Floor Drains or Sumps

GZA observed a floor drain near the laundry equipment located in the basement of the primary clubhouse. The floor drain is believed to be connected to the sanitary sewer system.

6.2.8 Hydraulic Lifts and Elevators

Hydraulic elevators were not observed during the Site reconnaissance.

6.2.9 Other Interior Observations

Structures at the Site consisted of the primary clubhouse, tennis pavilion, comfort station/restroom, swimming pool maintenance building, golf pro shop, equipment storage shed, chemical storage shed, golf cart storage building, equipment storage building, and the maintenance and workshop building.

The primary clubhouse is subdivided into dining areas, bars, locker rooms, laundry areas, and mechanical rooms. The tennis pavilion is utilized for the storage of tennis equipment and locker rooms. The maintenance and workshop areas are used for the maintenance of on-Site equipment, including golf carts and heavy landscaping equipment. The workshop contains several storage areas for miscellaneous hand tools, auto repair equipment, lawnmowers (push and riding), air compressors, a grinding machine, and golf carts.

The golf cart storage building stores the on-Site golf carts. Two of the golf carts (used by the maintenance staff) are gasoline operated, with the remainder being electric carts for members.

7.0 VICINITY RECONNAISSANCE

As part of GZA's Site assessment, a reconnaissance of the properties adjoining the Site, as well as the vicinity within a ¼-mile radius of the Site, was conducted from public properties. The results of GZA's vicinity reconnaissance are presented below.

7.1 ADJOINING PROPERTIES

GZA did not observe evidence of environmental concerns on the other adjoining properties. A review of the environmental database identified AST and UST sites in the vicinity of and adjoining the Site, primarily associated with home heating oil tanks. However, the mere presence of ASTs and USTs does not constitute an environmental concern. Small quantities of hazardous materials may be used at the Hommocks Middle School located to the west of the Site across Hommocks Road. Refer to **Section 2.4** for a listing of adjoining properties.

7.2 VICINITY PROPERTIES AND USE

The area within ¼-mile radius of the Site is primarily residential. GZA did not observe evidence of hazardous materials storage other than fuel oil use in the Site vicinity. Two drycleaners and some other commercial facilities are located along Boston Post Road. One (Excelsior Cleaners) is located at 1320 Boston Post Road west of the Site in GZA's opinion this property is not upgradient; and therefore, not a concern to the Site. The other drycleaner (Carriage Drycleaners Inc.) is located north of the Site at 1204 Boston Post Road. Further to the east is an auto repair facility (Elko Auto Repair is located at 1139 West Boston Post Road). Although not directly adjacent to the Site, both of these properties appear to be less than 1,000 feet upgradient. We note that neither the auto repair facility nor the upgradient drycleaner have violations listed in the environmental database in discussed in **Section 8.0;** and therefore, GZA does not consider them an environmental concern to the Site.

8.0 REGULATORY DATABASE REVIEW

The following section is based on public information obtained from various federal, state, and local agencies that maintain environmental regulatory databases. These databases provide information about the regulatory status of a property and incidents involving the use, storage, spillage, or transportation of oil or hazardous materials. Information was obtained by GZA personnel and by EDR (a professional data search company) on January 13, 2016. Federal, state, and local regulatory information is presented in **Appendix G**. A discussion of the reviewed information is presented in the following sections.

8.1 FEDERAL AGENCY DATABASES

Nine federal databases were provided by EDR and reviewed by GZA. These reports and the search distances used to review these databases are presented below.

Database	Radius Searched	Hits Within Radius Searched
National Priorities List (NPL) **Delisted NPL** The NPL, or Superfund sites list, is EPA's database of confirmed uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program.	1 Mile ½ Mile	0 0
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) The CERCLIS database is a compilation by EPA of the sites that EPA has investigated or is currently investigating for a release or threatened release of hazardous substances.	½ Mile	0
CERCLIS No Further Remedial Action Planned (NFRAP) The CERCLIS NFRAP database is EPA's list of sites that an assessment has been completed and no further steps will be taken to list this Site on EPA's National Priority List**.**	½ Mile	0
Resource Conservation and Recovery Act (RCRA) Generator Database EPA's RCRA program identifies hazardous waste generators and tracks hazardous waste from the point of generation to the point of disposal.	Site and adjoining properties	1
RCRA Treatment, Storage and Disposal (TSD) Facility Database The RCRA TSD Facilities database is a compilation by EPA of reporting facilities that store, treat, or dispose of hazardous waste.	½ Mile	0
RCRA Corrective Action Database (CORRACTS) The RCRA CORRACTS list is EPA's list of treatment, storage, or disposal facilities subject to corrective action under RCRA.	1 Mile	0

Database	Radius Searched	Hits Within Radius Searched
Emergency Response Notification System (ERNS) The ERNS list is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, U.S. Coast Guard, National Response Center, and Department of Transportation.	Site only	0
Federal Institutional/Engineering Controls Registries The USEPA maintains a list of sites with engineering and institutional controls in place. Engineering controls include caps, vapor barriers, and fences to eliminate contamination pathways. Institutional controls are administrative measures that often involve deed restrictions.	Site Only	0

The Site was not identified on the Federal Agency Databases. No NPL, ERNS, or Federal Institutional Controls records were identified within their prescribed search radii.

8.1.1 RCRA GENERATOR DATABASE

The RCRA Generator database lists Hommocks Middle School, which adjoins the Site to the west, across Hommocks Road. The school was identified as a conditionally exempt small quantity generator (CESQG). CESQG facilities generate less than 100kg of hazardous waste, or less than 1kg of acutely hazardous waste each month. Hommocks Middle School was also identified in the several databases discussed in **Section 8.2**. No violations were identified in these databases, and the mere presence of this facility on these databases does not constitute an environmental condition. As such, this record is not anticipated to be a concern to the Site.

8.2 STATE AGENCY DATABASE REVIEW

Ten state databases were provided by EDR and reviewed by GZA. These reports and the search distances used to review these databases are presented in the table below.

Database	Radius Searched	Hits Within Radius Searched
State and Tribal List of Hazardous Waste Sites (SHWS) The State List of Hazardous Waste Sites includes uncontrolled and unregulated hazardous waste sites.	½ Mile	0
State and Tribal List of Active Landfills The State List of Active Landfills is compiled by NYSDEC and is a list of active solid waste landfills and transfer stations located within New York	½ Mile	0

Database	Radius Searched	Hits Within Radius Searched
State and Tribal Institutional Control Registry The State and Tribal Institution Control Registry is a database of sites with a land use restriction.	Site	0
Leaking Underground Storage Tanks (LUST) The State list of LUSTs is maintained by NYSDEC Regional Offices. Sites with Incident Numbers are listed in this database.	½ Mile	75
NY Spills	1/8 Mile	16
State and Tribal Engineering Control Registry	Site	0
NY UST and AST Underground Storage Tanks and Aboveground Storage Tanks listings	¼ Mile	8 UST / 5 AST
State and Tribal Brownfield Sites The Brownfields Projects Inventory is a database maintained by NYSDEC of underused, idled, or abandoned property with perceived or actual environmental contamination.	½ Mile	0

The Site was identified in the NY AST, NY Spills and LTANKS database as discussed below.

The Site was identified in the NY AST database. The Site has a NYSDEC Petroleum Bulk Storage (PBS) Site ID of 3-801927, and the PBS status is active. The Site is listed has having three ASTs, which correspond to the three tanks identified during the Site reconnaissance (see **Section 6.1.2**). Tank 1 is identified as an in-service 1,000-gallon AST. The product stored is listed as Gasoline/Ethanol, and the installation date is listed as February 1, 1998. Tank 2 is identified as an in-service 500-gallon AST. The product stored is listed as diesel, and the installation date is listed as March 1, 1998. Tank 3 is identified as an in-service 275-gallon AST. The product stored is No. 2 fuel oil, and the installation date is February 1, 1998.

The Site is identified in the NY LTANKS database. The listing is identified with a "tank failure", and was reported on June 11, 1999. NYSDEC Spill Case No. 9902831 was subsequently assigned. A review of the NYSDEC spill database indicates that the spill was associated with an unknown quantity of No. 2 fuel oil. NYSDEC notes state that the spill is associated with holes that were discovered in a tank, and that the tank was removed and soil cleanup was performed. The EDR database notes that the NYSDEC remarks also indicate no further action was recommended after the soil cleanup and tank removal. The database records do not report whether the tank involved was an AST or UST. Additional file reviews where requested for these records (see **Section 8.4**, below). The spill was closed on August 2, 1999. The closed spill case closure is considered to be an HREC due to changes in regulatory practices since 1999.

The Site listing in the NY SPILLS database appears to be associated with gasoline spilled as a result of tank failure, and was reported on May 26, 1999. NYSDEC Spill Case No. 9902193 was subsequently assigned. A review of the NYSDEC spill database indicates the spill is associated with an unknown quantity of gasoline. Similarly to the spill identified in the LTANKS database, NYSDEC remarks indicate no further action recommended after the tank and impacted soil were removed. The NYSDEC notes also indicate that the spill cause was associated with holes found in a "pipeline". The database records do not report whether the tank involved was an AST or UST. Additional file

reviews where requested for these records (see **Section 8.4**, below). The spill was closed on August 2, 1999. The closed spill case closure is considered to be an HREC due to changes in regulatory practices since 1999.

8.2.1 LTANKS

The database identified 75 LTANKS records within 0.5 miles of the target property. One of these records is the target property, and is discussed in the previous NY SPILLS subsection. The majority of the remaining LTANK records appear to be associated with private residences located in the vicinity of the Site. Additionally, all the spill cases within 1/8 mile of the Site have been closed. These LTANK cases are not anticipated is not anticipated to be a concern to the Site.

8.2.2 NY SPILLS

The database identified 16 NY SPILLS cases within 0.125 miles of the target property. Of these 16 NY SPILLS cases, 15 have been closed. The open spill case is a residential property located at 521 Orienta Avenue, located to the northeast of the Site on an adjoining property. The 521 Orienta spill is associated with an unknown quantity of No. 2 fuel oil. NYSDEC notes that the tank was reportedly located inside of a house foundation. The spill occurred on November 8, 2011, and NYSDEC notes indicate a cleanup was underway. The cleanup was reportedly halted in 2015 due to the owner removing the soil remediation contractor from the project. NYSDEC notes indicate groundwater was not impacted by the spill, and as such, this spill is not anticipated to be a concern to the Site.

8.2.3 NY UST/AST

The database identified eight UST records and five AST records within ¼ of the target property. One of the AST records identified in the database is the target property (as discussed above). The Elko Auto Repair that was identified in **Section 7.2**, is listed in both the UST and AST databases. However, no violations are listed in the databases for the auto repair facility. The mere presence of UST and AST database does not constitute an environmental concern. Reported releases, leaks or spills from these tanks are identified in the appropriate LTANKS or NY SPILLS databases.

8.2.4 NY DRYCLEANERS

The NY DRYCLEANERS database identified two drycleaners within 0.25 miles of the target property. Excelsior Cleaners is located approximately 0.12 miles to the west of the Site, which is not anticipated to be directly upgradient of the Site. This facility was also identified in the RCRA Small Quantity Generators, US-AIRS, FINDS, RI MANIFEST, NY MANIFEST, and ECHO databases. No violations have been reported for this drycleaner, and as such it is not anticipated to be a concern to the Site.

The second dry cleaner, Carriage Cleaners, is also located on 1204 Boston Post Road approximately 1/8-mile north of the Site and is considered upgradient of the property. This drycleaner was identified in two other databases, but no violations have been reported. This drycleaner is not anticipated to be a concern to the Site.

8.3 LOCAL REGULATORY AGENCIES

To obtain information concerning the possible release of hazardous material or oil at or near the Site, GZA contacted and reviewed information available online from the following agencies:

- Village of Mamaroneck – Department of Public Records
- Town of Mamaroneck – Office of the Town Clerk

Pertinent Site information was reviewed, and the information was incorporated into this Report.

8.4 STATE AGENCY FILE REVIEW

New York State Department of Environmental Conservation: Freedom of Information Law (FOIL) Request was sent on February 22, 2016. GZA has not yet received responses to our FOIL request. Pertinent documents will be forwarded to the Client upon receipt.

9.0 INTERVIEWS AND REFERENCES

9.1 INTERVIEWS

GZA either interviewed or contacted the following individuals as part of this Report:

- Scott Olson – Hampshire Country Club Golf Course Superintendent
- Daniel Pfeffer – Hampshire Recreation, LLC

9.2 REFERENCES

GZA reviewed the following references as part of this Phase I Environmental Site Assessment.

- ASTM International's *Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process* (ASTM E1527-13)
- Village of Mamaroneck – Department of Public Records Assessors Information
- Town of Mamaroneck – Office of the Town Clerk Assessors Cards
- Environmental Data Resources, Inc., Inquiry No. 4546842.2s dated February 24, 2016. The EDR Radius Map Report with GeoCheck.
- Geologic Map of the Mamaroneck 7.5 Minute USGS Quadrangle, Mamaroneck, New York
- Preliminary Geotechnical Engineering Report, dated March 18, 2016, prepared by GZA
- Soil Boring Logs, prepared by ECG, dated July 2012

Information provided by these references is discussed within the text of this Report.

10.0 USER RESPONSIBILITIES

GZA requested information from the Client regarding title information, environmental liens, Activity and Use Limitations, and specialized knowledge or commonly known information regarding the Site and, if applicable, the reason for a discount in the purchase price. The User Questionnaire indicates that the property has been a golf course for almost 100 years. The User Questionnaire also identifies pesticide usage at the Site as part of golf course maintenance. The A copy of the User Questionnaire filled out by a representative of the current Site owner is attached as **Appendix H**.

11.0 FINDINGS AND CONCLUSIONS

11.1 FINDINGS

A Phase I Environmental Site Assessment following the general guidance of ASTM E1527-13 has been conducted at the Hampshire Country Club in Mamaroneck, New York. The study included a Site reconnaissance; a review of Site history; a review of selected local, state, and federal regulatory records; and interviews with persons and agencies familiar with the Site. No subsurface exploration or chemical testing of soil or groundwater was conducted, and no assessment for the presence of lead hazards, radon, or asbestos was completed.

The findings below are based on the work conducted as part of this assessment:

- The approximately 130-acre Site is known as Hampshire Country Club, and is located at 1025 Cove Road in Mamaroneck, New York. The Site is bounded by Delancey Cove to the south and residential neighborhoods to the north, west, and east.

- At the time of GZA's visit, the study Site was occupied by Hampshire Country Club, a private club consisting of a golf course, seven tennis courts, and associated buildings. The Site buildings consisted of the primary clubhouse, tennis pavilion, comfort station/restroom, swimming pool maintenance building, golf pro shop, equipment storage shed, chemical storage shed, caddy headquarters/golf cart storage building, equipment storage building, and the maintenance and workshop building.

- The area surrounding the Site is generally used for residential purposes. Hommocks Middle School adjoins the Site to the east. Commercial properties, include restaurants, diners, grocery stores, and a motel are located along Boston Post Road, which is located to the north of the Site, past Fairway Green and Old Boston Post Road. Mamaroneck High School is also located along West Boston Post Road. Elko Auto Repair is located at 1139 West Boston Post Road, approximately 700 feet to the north of the Site.

- Historically, the Site has been a country club and golf course since at least 1934. A review of the historical Sanborn maps indicates that prior to 1934, the Site and the general vicinity consisted of vacant land utilized for agricultural purposes. A review of the historical topographic maps indicates that during the development of the country club, coastal marshland and waterways that were present on the Site was backfilled. The source of the fill material is unknown.

- GZA observed three AST in the maintenance and workshop building area, located in the northeast area of the Site: Tank 1 is an in-service 1,000-gallon gasoline; Tank 2 is an in-service 500-gallon diesel tank; and Tank 3 is an in-service 275-gallon No. 2 fuel oil tank located in the maintenance and workshop building on the Site. No visual evidence of release was associated with these three ASTs.

- GZA observed evidence of three on-Site septic systems at the Site. The northern-most septic tank is located near the maintenance area of the Site, and is utilized for the maintenance and workshop buildings. A second septic system is located to the south and west of the maintenance area, and is associated with a comfort station/restroom located on the golf course. The third septic tank is located on the south side of the Site, and is associated with the tennis court pavilion.

- Chemical storage at the Site included pool chemicals, which were stored in a dedicated building adjacent to the primary pool, and consisted of muriatic acid and calcium chloride flakes. Laundry-related detergents and household cleaning chemicals were stored in the primary clubhouse area.

- A chemical storage shed containing various herbicides, pesticides, and fungicides observed in the northern maintenance area of the Site. No visual evidence of release was observed from the current chemical storage shed. As part of routine maintenance of the golf course, the use of herbicides and pesticides at the Site is anticipated for at least the past 40 years.

- There are two pad-mounted transformers on the Site. The transformers were located near the southern and northern sides of the on-Site golf course. GZA did not observe surficial staining at either transformer location.

- There are two active water supply wells located in the northeastern portion of the Site. The wells are used to regulate the water level in a golf course pond and provide irrigation water for the golf course.

- The Site is identified in the NY LTANKS database. The listing is identified with a "tank failure", and was reported on June 11, 1999. NYSDEC Spill Case No. 9902831 was subsequently assigned. The spill was closed on August 2, 1999 with no further action recommended.

- The Site is identified in the NY SPILLS database. Spill Case No. 9902193 is associated with a tank failure, reported on May 26, 1999 for an unknown quantity of gasoline. The spill was also closed on August 2, 1999 with no further action recommended.

- GZA did not identify any upgradient offsite environmental concerns, which are anticipated to affect the subsurface conditions at the Site.

- GZA requested information from the Client regarding title information, environmental liens, Activity and Use Limitations, and specialized knowledge or commonly known information regarding the Site and, if applicable, the reason for a significantly discounted purchase price. According to the Questionnaire, the User was not aware of environmental liens or activity and use limitations. Information requested in the questionnaire and provided was summarized in this Report.

11.2 CONCLUSIONS AND OPINIONS

Based on the findings, we have identified the following data gaps in connection with the completion of the Phase I Environmental Site Assessment.

- The history of pesticide and herbicide use at the Site for maintenance of the golf course, the absence of quantitative soil quality data at the Site is considered a data gap, and may alter the opinion of this Report, if not answered.

- The historic raising of the Site grade with fill material of unknown environmental quality is a data gap that may alter the opinion of this Report, if not answered. Although, not an ASTM consideration, we also note that the historic filling of wetlands has the potential to generate methane gas at the Site.

- The unknown environmental quality of the groundwater withdrawn from the water supply wells and used for irrigation is a data gap that may alter the opinion of this Report, if not answered.

- Unable to review of the NYSDEC files based on our FOIL regarding the closed on-site spill cases is a data gap. Details in these files may alter the findings and opinions of this Report.

Based on the findings, conclude the follow as conducted as part of this assessment:

- The history of equipment maintenance within a building attached to a septic system is considered a REC.

- The Site is identified in the NY LTANKS database and NY SPILLS databases. Both spills cases were closed on August 2, 1999. However, these closed spills represent HRECs due to changes the regulatory practices since 1999.

Based on the findings presented above, it is GZA's opinion that we have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-13 of the property identified as the Hampshire Country Club in Mamaroneck, New York. Any exceptions to, or deletions from, this practice are described in **Section 1.0** of this Report.

12.0 ENVIRONMENTAL PROFESSIONAL OPINION

I declare, to the best of my professional knowledge and belief, that I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 12; that I have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property; and that I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. The signature of the Environmental Professional John M. Gavras is contained on the cover letter of this Report. Environmental Professional Qualifications are attached as **Appendix I**.

13.0 LIMITATIONS

GZA prepared this Report on behalf of, and for the exclusive use of VHB for the stated purpose(s) and location(s) identified in the Report may be conveyed to the lender associated with the proximate purchase of the subject location(s) to the extent set forth in our signed proposal dated February 2, 2016

Use of this Report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions, and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not identified in the agreement, for any use, shall be at that party's sole risk, and without any liability to GZA.

Our findings and conclusions are based on the work conducted as part of the Scope of Services set forth in this Report, and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than those described in this Report may be encountered at the subject location(s).

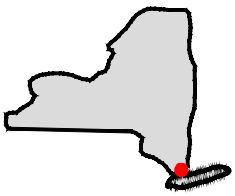
Our services were performed using that degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made.

This Report is also subject to the specific limitations contained in **Appendix A**.

GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION MANAGEMENT

FIGURES

NEW YORK



QUADRANGLE LOCATION

SOURCE:

USGS TOPOGRAPHIC MAP: MAMARONECK, NY–CT (2013). CONTOUR INTERVAL 10FT., NAVD–1988, ORIGINAL SCALE 1:24,000 (1"=2,000FT.)

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HAMPSHIRE COUNTRY CLUB
1025 COVE ROAD
MAMARONECK, NY

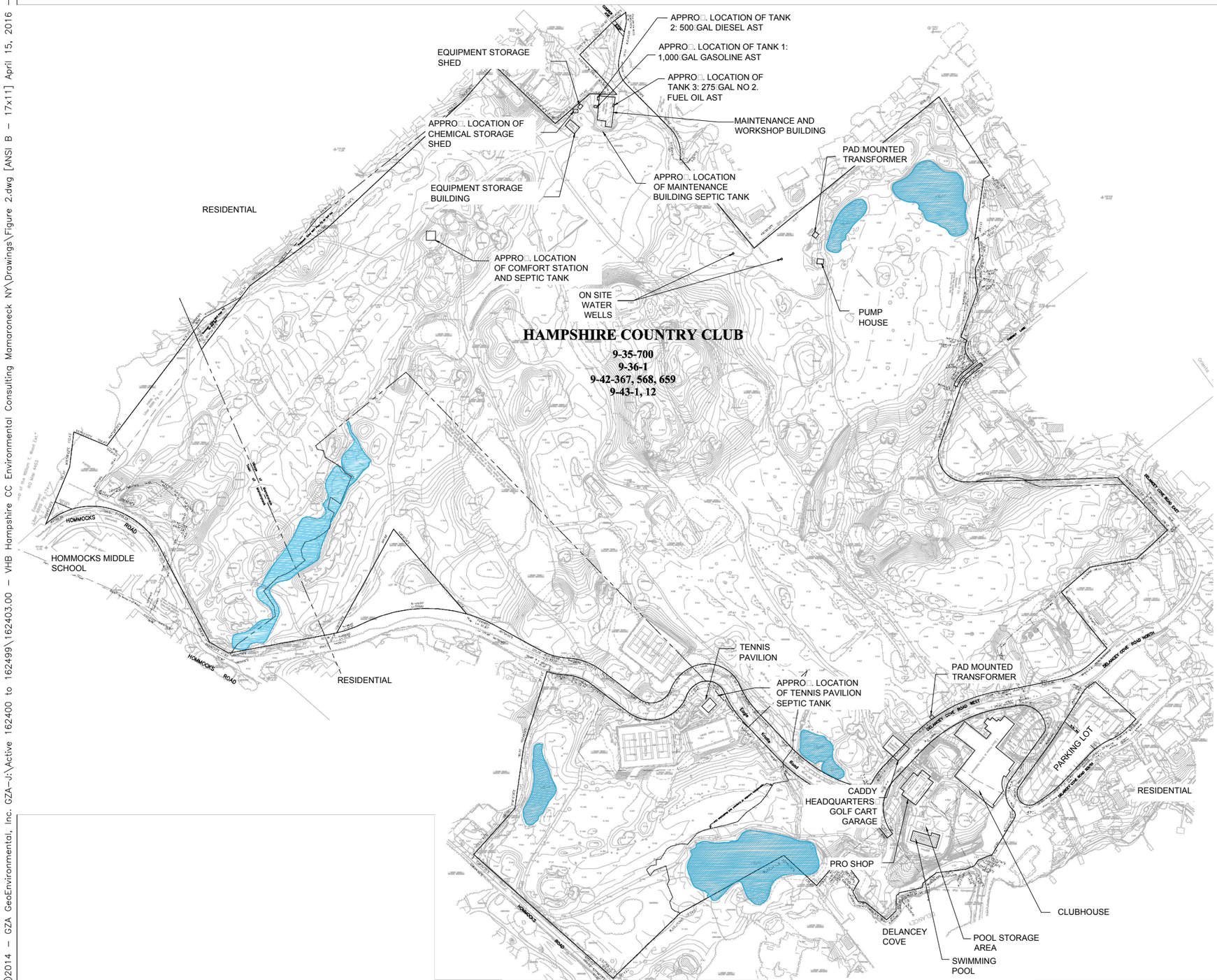
PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
VHB
50 MAIN STREET, SUITE 360
WHITE PLAINS, NY 10606

SITE LOCATION PLAN

PROJ MGR: MK	REVIEWED BY: CAW	CHECKED BY: DSR	FIGURE 1
DESIGNED BY: KN	DRAWN BY: KN	SCALE: 1"=2000'	
DATE: APRIL 2016	PROJECT NO. 41.0162403.00	REVISION NO. 0	SHEET NO. 01 OF 02

© 2015 – GZA GeoEnvironmental, Inc. GZA–J:\Active 162400 to 162499\162403.10 – VHB Hampshire CC Geotechnical\Drawings\CAD\Figures.dwg [FIGURE 1] March 17, 2016 – 4:46pm kayla.newton



REFERENCE NOTE:

BASE MAP GENERATED FROM E□ISTING CONDITIONS PLAN, E□□1, DATED SEPTEMBER □, 2014, PROVIDED BY CLIENT

SYMBOL LIST:

ON□SITE POND

AST — ABOVEGROUND STORAGE TANK

N

NO.	ISSUE/DESCRIPTION	BY	DATE

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HAMPSHIRE COUNTRY CLUB
1025 COVE ROAD
MAMARONECK, NY

SITE PLAN

PREPARED BY:
GZA GeoEnvironmental of New Yor□ Engineers and Scientists
104 WEST 2□TH STREET, 10TH FLOOR
NEW YORK, NEW YORK 10001

PREPARED FOR:
VHB
50 MAIN STREET
WHITE PLAINS, NY

PROJ MGR: SK	REVIEWED BY: JG	CHECKED BY: SK	FIG OR DWG 2
DESIGNED BY: RB	DRAWN BY: RB	SCALE: NTS	
DATE: APRIL 2016	PROJECT NO. 41.0162403.00	REVISION NO.	SHEET NO. 2 of 2

©2014 – GZA GeoEnvironmental, Inc. G:\Active 162400 to 162499\162403.00 – VHB Hampshire CC Environmental Consulting Mamaroneck NY\Drawings\Figure 2.dwg [ANSI B – 17x11] April 15, 2016 – 11:56am

APPENDIX A

PHASE I ENVIRONMENTAL SITE ASSESSMENT LIMITATIONS AND TERMS & CONDITIONS

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ATTACHMENT C

Vanasse Hangen Brustlin, Inc.
MODIFIED SUBCONSULTANT TERMS AND CONDITIONS

The engagement of GZA GeoEnvironmental of New York, (SUBCONSULTANT) by Vanasse Hangen Brustlin, Inc. (VHB) is subject to the following terms and conditions which are an integral part of the collective agreement between SUBCONSULTANT and VHB.

1. By entering into this agreement SUBCONSULTANT represents that it is willing and qualified to provide the professional services herein described (the "Services"). SUBCONSULTANT recognizes that the services of VHB and others involved in the Project are dependent upon the timely performance of SUBCONSULTANT'S Services.

2. It is understood and agreed that SUBCONSULTANT shall perform all services under this agreement as an independent contractor and nothing contained herein shall be construed to be inconsistent with this relationship or status. SUBCONSULTANT shall be solely responsible for the methods and means used in performing the professional services herein described, and is neither an employee or agent of, nor a joint venturer with, VHB.

SUBCONSULTANT is not responsible for the acts or omissions of contractors or others at the site, except for its own subcontractors and employees. SUBCONSULTANT will not supervise, direct or have control over or the authority to stop any contractor's work, nor shall SUBCONSULTANT's professional activities nor the presence of SUBCONSULTANT or its employees and subcontractors be construed to imply that SUBCONSULTANT has authority over or responsibility for the means, methods, techniques, sequences or procedures of construction, for work site health or safety precautions or programs, or for any failure of contractors to comply with contracts, plans, specifications or laws. Any opinions by SUBCONSULTANT of probable costs of labor, materials, equipment or services to be furnished by others are strictly estimates and are not a guaranty that actual costs will be consistent with the estimates.

3. All services and work set forth in this agreement shall commence upon receipt of a signed contract by VHB and a written notice to proceed issued to SUBCONSULTANT, and executed by both VHB and SUBCONSULTANT.

4. Requests for additional services not described herein as part of the Services must be made and authorized in writing prior to commencement of any work related to such additional services. Should SUBCONSULTANT perform said services without prior authorization, SUBCONSULTANT will not be entitled to receive any additional compensation therefor.

5. Invoices may be submitted by SUBCONSULTANT not more than once monthly. VHB will submit SUBCONSULTANT'S invoice together with its invoice to the Client on VHB's regularly scheduled invoicing cycle. VHB will pay each invoice received from SUBCONSULTANT within 15 days of receipt of payment from VHB's Client. In case of partial payment by VHB's Client, SUBCONSULTANT shall be paid proportionately. VHB reserves the right to defer or refuse to pay any invoice or payment, or part thereof, if in its opinion, the amount submitted

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is not in reasonable proportion to the percentage of services completed by SUBCONSULTANT. Invoices shall be submitted in a format acceptable to VHB and its Client.

Final payment to SUBCONSULTANT for the Services, and acceptance of the payment by SUBCONSULTANT upon completion or termination of this agreement, shall release and forever discharge VHB from all claims, demands, and liabilities of every nature relating to payment for SUBCONSULTANT'S Services.

SUBCONSULTANT shall keep records on a generally recognized accounting basis of its personnel time and expense, and any other expenses incurred by SUBCONSULTANT in connection with the performance of Services for this project. These records shall be available to VHB or its authorized representative at reasonable times.

6. SUBCONSULTANT agrees to provide at its own expense the following minimum insurance coverage, for the duration of this Agreement:

a. Workmen's compensation and employee's liability insurance in accordance with statutory limits.

b. Comprehensive general liability insurance including products completed, contractual, property and personal injury coverage with $1,000,000 for each occurrence and aggregate amount. Coverage must also include XCU when applicable.

c. Comprehensive Automobile liability insurance including non-owned and hired autos with a combined single limit of $1,000,000 and $1,000,000 aggregate for bodily injury, including death, and property damage.

d. Valuable papers insurance coverage for not less than the greater of Consultant's fees or $100,000 for the restoration of plans, drawings, computations or similar data prepared as part of this agreement.

e. Excess liability coverage, umbrella form, in an amount not less than $2,000,000.

f. Professional liability insurance for negligent acts, errors or omissions of SUBCONSULTANT made in connection with the performance of Services for this project, in the amount of $1,000,000 per claim and aggregate amount. Such insurance must be maintained in force for three (3) years following acceptance of all work under this agreement

g. VHB and its Client shall be named as "additional insured" on all policies except Worker's Compensation and Professional Liability insurance.

SUBCONSULTANT shall provide VHB with a certificate of insurance as evidence of the above described coverage prior to commencing Services under this agreement. Such Certificate shall clearly identify the specific project for which the certificate is being issued and SUBCONSULTANT shall provide a minimum of thirty (30) days written notice before coverage can be cancelled or materially changed.

7. INTENTIONALLY OMITTED.

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8. SUBCONSULTANT shall indemnify and hold harmless VHB, its client, and their officers, agents and employees from suits, actions, legal proceedings, claims, damages, liabilities, costs and expenses, including reasonable attorney's fees arising out of any claims, damages, personal injuries, property losses, and/or economic or other damages sustained by or alleged to have been sustained by any person or entity, to the extent caused by the negligent acts, errors or omissions of SUBCONSULTANT, its agents, employees or subcontractors in connection with the performance of Services for this project.
9. SUBCONSULTANT shall be responsible for the quality, technical accuracy and coordination of all designs, drawings, specifications, reports and all other services furnished by SUBCONSULTANT under this agreement. SUBCONSULTANT shall, without additional compensation, correct or revise any errors or deficiencies in its designs, drawings, specifications and other services performed by SUBCONSULTANT in connection with its performance of the Services.

SUBCONSULTANT'S services will be conducted in a manner consistent with that level of care or skill ordinarily exercised by members of the same profession currently practicing in the same locality under similar conditions, as well as compliance with any applicable Federal or state law or regulations.

Neither VHB's review, approval or acceptance of, nor payment for, any of the Services required under this agreement shall be construed to operate as a waiver of any rights under this agreement or of any cause of action arising out of performance of Services of this agreement; and SUBCONSULTANT shall be and remain liable to VHB in accordance with applicable law for all damages to VHB caused by SUBCONSULTANT'S performance of the Services furnished under this agreement.

10. VHB may terminate this agreement at any time by giving SUBCONSULTANT ten (10) days prior written notice. In the event that VHB's contract with its Client is terminated, this agreement shall simultaneously terminate. In the event of termination, SUBCONSULTANT shall receive compensation for Services satisfactorily performed and accepted by VHB to the date of termination. In no case shall SUBCONSULTANT be entitled to make a claim for lost profits or damages in the event of termination.

    VHB shall have the right to suspend all or any part of the Services at any time and for any reason by written notice to SUBCONSULTANT. SUBCONSULTANT shall have the right to terminate the agreement upon ten days prior written notice to VHB only upon VHB's substantial breach of the agreement, provided there has been no breach by SUBCONSULTANT, or because of non-payment by VHB's Client. In case of suspended Services, SUBCONSULTANT shall promptly recommence any suspended Services when and to the extent directed in writing by VHB. In the event of suspension period exceeding ninety days, Subconsultant shall have the right to terminate this Agreement.

    Promptly upon termination of the agreement for whatever reason, SUBCONSULTANT shall deliver to VHB all documents and materials received by SUBCONSULTANT in connection with the project, whether completed or not. While not a condition of the above, SUBCONSULTANT shall be compensated for properly performed services.

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11. All documents, information and other data furnished by SUBCONSULTANT the terms of this agreement shall be delivered to and become the property of VHB. While not a condition thereof, SUBCONSULTANT shall be compensated for properly performed services.

    SUBCONSULTANT shall treat as proprietary and confidential all information provided by either VHB or its Client and all drawings, reports, studies, calculations, specifications and other documents or information, in any form or media. Subconsultant shall not divulge any proprietary or confidential information or material of either VHB or VHB's Client without VHB's prior written consent.

12. SUBCONSULTANT shall not subcontract, sell, transfer, assign, or otherwise dispose of this agreement or any portion thereof, or the work provided for therein, or of its right, title, or interest therein, to any person, firm, partnership or corporation without the prior written approval of VHB.

13. SUBCONSULTANT is bound in the same manner and extent as is VHB to all the applicable provisions of the Prime Agreement between VHB and its Client, a copy of which is attached hereto and made part of this agreement. In the event of a conflict between the documents, the stricter provision to the benefit of VHB shall govern. All specific provisions of the Prime Agreement that require VHB to pass on to the SUBCONSULTANT are hereby incorporated into this Agreement.

14. All disputes between the VHB and SUBCONSULTANT which cannot be settled amicably or by non-binding mediation shall be-settled by litigation in a court of competent jurisdiction.

15. SUBCONSULTANT certifies that it does not maintain, and will not maintain nor provide for its employees, facilities which are segregated on the basis of race, color, religion, or national origin.

16. If any of these conditions shall be determined to be invalid or unenforceable in whole or part, the remaining provisions shall remain in full force and effect, and be binding upon the parties hereto.

17. SUBCONSULTANT binds itself, its partners, successors, assigns, and legal representatives to VHB and to the partners, successors, assigns, and legal representatives of VHB with respect to all terms and conditions of the agreement.

18. The agreement represents the entire and integrated agreement between VHB and SUBCONSULTANT with respect to its subject matter and supersedes all prior negotiations, representations, proposals or agreements, either written or oral. The agreement may be amended only by written instrument signed by both VHB and SUBCONSULTANT.

19. In the event of any litigation or other legal proceeding arising from or related to the services provided or obligations assumed under this Agreement, the prevailing party will be entitled to recovery of reasonable costs incurred.

20. None of these terms and conditions, duties and obligations or other parts of the agreement shall be considered waived by VHB, nor shall any action or failure to act by VHB constitute a waiver unless reduced to written form and signed by VHB. No waiver shall be construed as a

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modification of or an amendment to any of the provisions of the agreement or as an acquiescence in any past or future default or breach of the agreement unless expressly stated in writing by VHB.

21. All duties and obligations of SUBCONSULTANT which, by their nature, extend beyond the period of time during which the Services are performed shall survive the completion of the Services and/or the termination of the agreement for any reason.

22. Unless otherwise specified, the agreement shall be governed by, and interpreted, construed and enforced in accordance with, the laws of the State of New York provided, however, that if under the law governing the prime agreement the applicable statute of limitations period is longer than that under the laws of the State of New York, then the longer period shall govern.

AGREED TO AND ACCEPTED BY SUBCONSULTANT

BY: Cassandra Albright

Title: Vice President

APPENDIX B

SITE PHOTOGRAPHS

SITE PHOTOGRAPHS

Client Name:	**Site Name and Location:**	**Project No.**
VHB	Hampshire Country Club, 1025 Cove Road, Mamaroneck, NY	41.0162403.00

Photo No.	2/23/16	
1		
Photographer: R. Bhatia		
Description: Golf course area at the Site.		

Photo No.	**Date:**	
2	2/23/16	
Description: Pad-mounted transformer.		

Photo No.	Date:
3	2/23/16

Description:

One of six ponds.

Photo No.	Date:
4	2/23/16

Description:

Equipment identified in the pump house.

Photo No.	Date:
5	2/23/16

Description:

One of two water supply wells used for irrigation.

Photo No.	Date:
6	2/23/16

Description:

Tennis pavilion.

Photo No.	Date:
7	2/23/16

Description:

Typical irrigation control box identified throughout the golf course.

Photo No.	Date:
8	2/23/16

Description:

Chemical storage shed identified in maintenance area of the golf course.

Photo No.	Date:
9	2/23/16

Description:

Chemical storage (e.g., herbicides, fungicides, and fertilizers) observed in the chemical-storage shed.

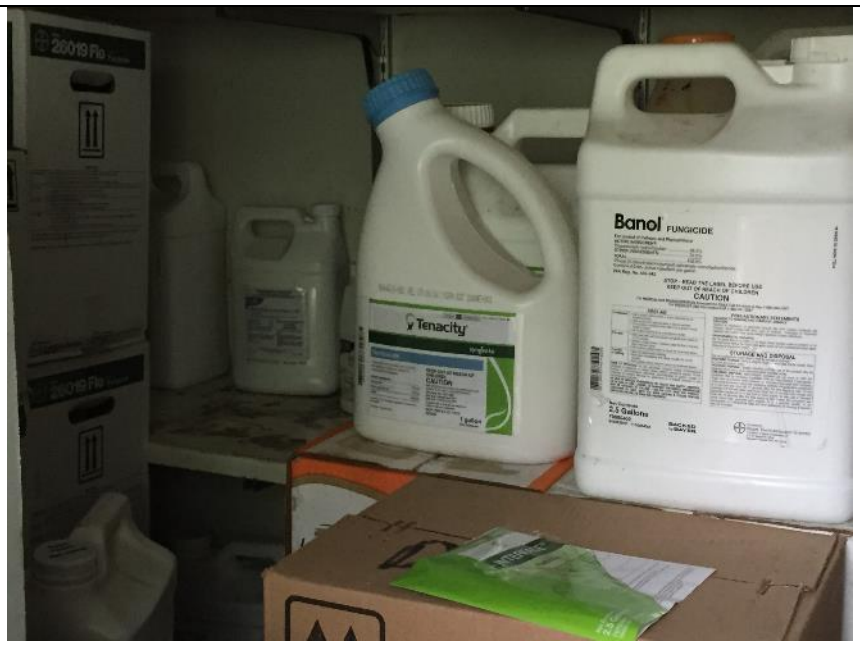

Photo No.	Date:
10	2/23/16

Description:

Tank 1: 1,000-gallon gasoline AST.

Photo No.	Date:
11	2/23/16

Description:

Tank 2: 500-gallon diesel AST.

Photo No.	Date:
12	2/23/16

Description:

Vehicle and equipment maintenance and workshop area

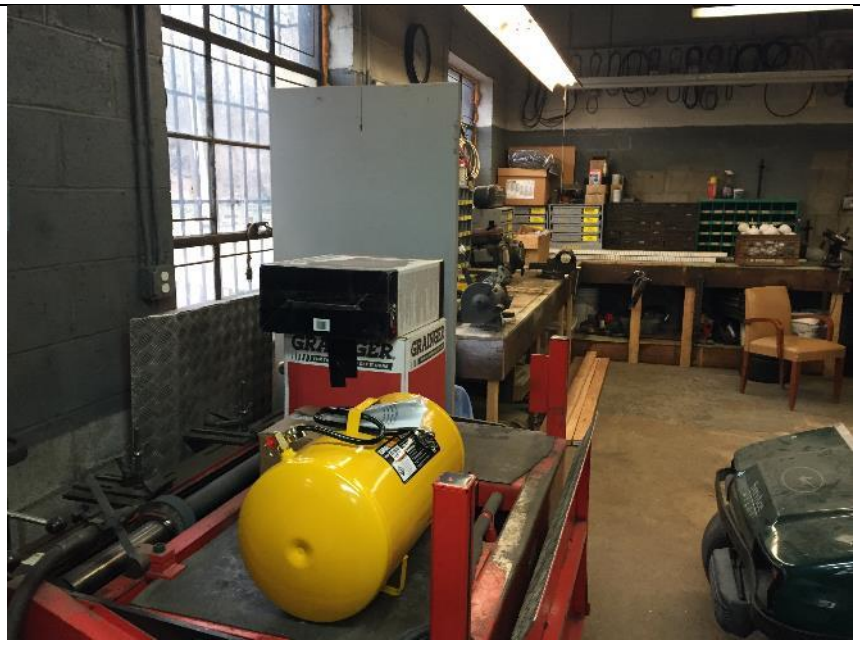

Photo No.	Date:
13	2/23/16

Description:

Tank 3: 275-gallon No. 2 fuel-oil AST.

Photo No.	Date:
14	2/23/16

Description:

Interior of primary clubhouse building interior.

Photo No.	Date:
15	2/23/16

Description:

Muriatic acid storage in pool maintenance building.

Photo No.	Date:
16	2/23/16

Description:

Golf cart storage area.

APPENDIX C

CITY DIRECTORY REPORT

1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.5
February 25, 2016

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2013	☑	☐	Cole Information Services
2008	☑	☐	Cole Information Services
2003	☑	☐	Cole Information Services
1999	☑	☐	Cole Information Services
1995	☑	☐	Cole Information Services
1992	☑	☐	Cole Information Services
1987	☑	☐	Cole Criss-Cross Directory
1982	☑	☐	Cole Criss-Cross Directory
1977	☑	☐	Cole Criss-Cross Directory
1972	☑	☐	Cole Criss-Cross Directory

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FINDINGS

TARGET PROPERTY STREET

1025 Cove Road
Mamaroneck, NY 10543

Year	*CD Image*	*Source*
COVE RD		
2013	pg A1	Cole Information Services
2008	pg A2	Cole Information Services
2003	pg A3	Cole Information Services
1999	pg A4	Cole Information Services
1995	pg A5	Cole Information Services
1992	pg A6	Cole Information Services
1987	pg A7	Cole Criss-Cross Directory
1982	pg A8	Cole Criss-Cross Directory
1982	pg A9	Cole Criss-Cross Directory
1977	pg A10	Cole Criss-Cross Directory
1972	pg A11	Cole Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	Cole Information Services

COVE RD 2013

722	OCCUPANT UNKNOWN
727	SANTEEK LANGAN
732	OCCUPANT UNKNOWN
742	MARC DUPAQUIER
752	LAWRENCE ZINGESSER
911	OCCUPANT UNKNOWN
917	RICHARD ACKERMAN
1002	JACK LUSK
1010	JEREMY ARFIELD
1013	OCCUPANT UNKNOWN
1020	JASON SHAPIRO
1022	DAVID BIEHL
1031	LESLIE SHIFRIN
1040	PATRICK DUSSOL
1044	PATRICE DETALHOUET
1058	DAVID WENSTRUP
1100	NOAH NEGRIN
1107	HAMPSHIRE COUNTRY CLUB
	HAMPSHIRE TENNIS SHOP
	OCCUPANT UNKNOWN
1110	DOY SCHLEIN
1120	CHARLES FITCH

Target Street	Cross Street	Source
✓	-	Cole Information Services

COVE RD 2008

722	OCCUPANT UNKNOWN
727	OCCUPANT UNKNOWN
732	OCCUPANT UNKNOWN
742	MARC DUPAQUIER
752	LAWRENCE ZINGESSER
	MARY MCLARNON MD
911	ZACHARY RUBIN
917	RICHARD ACKERMAN
1002	OCCUPANT UNKNOWN
1010	SUZANNE BRESLER
1013	OCCUPANT UNKNOWN
1020	MARC SALMON
1022	DAVID BIEHL
1025	HAMPSHIRE COUNTRY CLUB INC
	PHIL RUSNACK
1031	LESLIE SHIFRIN
1044	GEORGE WALDEN
1058	DAVID WENSTRUP
1100	INTERIOR SENSATIONS
	JOEL NEGRIN
1110	DOY SCHLEIN
1120	CHARLES FITCH

Target Street	Cross Street	Source
✓	-	Cole Information Services

COVE RD 2003

702	JACK LUSK
722	ALAN GRAD
727	PETER OLIVER
732	MURIEL LEVITT
742	ABRAHAM GUTERMAN
752	LAWRENCE ZINGESSER
911	ALBERT SELIUS
917	ELIZABETH TOLL
925	DOROTHY DAVIS
1002	OCCUPANT UNKNOWN
1010	SUSAN BRESLER
1013	ROBERT GOODMAN
1020	MARC SALMON
1022	OCCUPANT UNKNOWN
1025	COURTNEY RUSSELL
	PHIL RUSNACK
1031	OCCUPANT UNKNOWN
1040	JULIUS WEBER
1044	LEONORE LANGBEIN
1058	MITCH CANTOR
1100	GORDON MARSHALL
1107	HAMPSHIRE COUNTRY CLUB
1110	DOY SCHLEIN
1120	MURRIE MARDEN

Target Street	Cross Street	Source
✓	-	Cole Information Services

COVE RD 1999

722	ALAN GRAD
724	ABRAHAM GUTERMAN
727	E FIELDING
	PETER OLIVER
732	LEIGH LEVITT
742	ABRAHAM GUTERMAN
752	JOEL RUBINO
911	ROBERT FEITLER
917	E TOLL
	RICHARD ACKERMAN
925	D DAVIS
1002	JACK LUSK
	M NEUMANN
1010	SUSAN BRESLER
1013	ROBERT GOODMAN
1020	MARC SALMON
1022	OCCUPANT UNKNOWN
1031	LESLIE SHIFRIN
1040	JULIUS WEBER
1044	OCCUPANT UNKNOWN
1058	LAUREN CANTOR
1100	GORDON MARSHALL
1110	ROBERT BRESLER

Target Street	Cross Street	Source
✓	-	Cole Information Services

COVE RD 1995

0	HAMPSHIRE COUNTRY CLUB

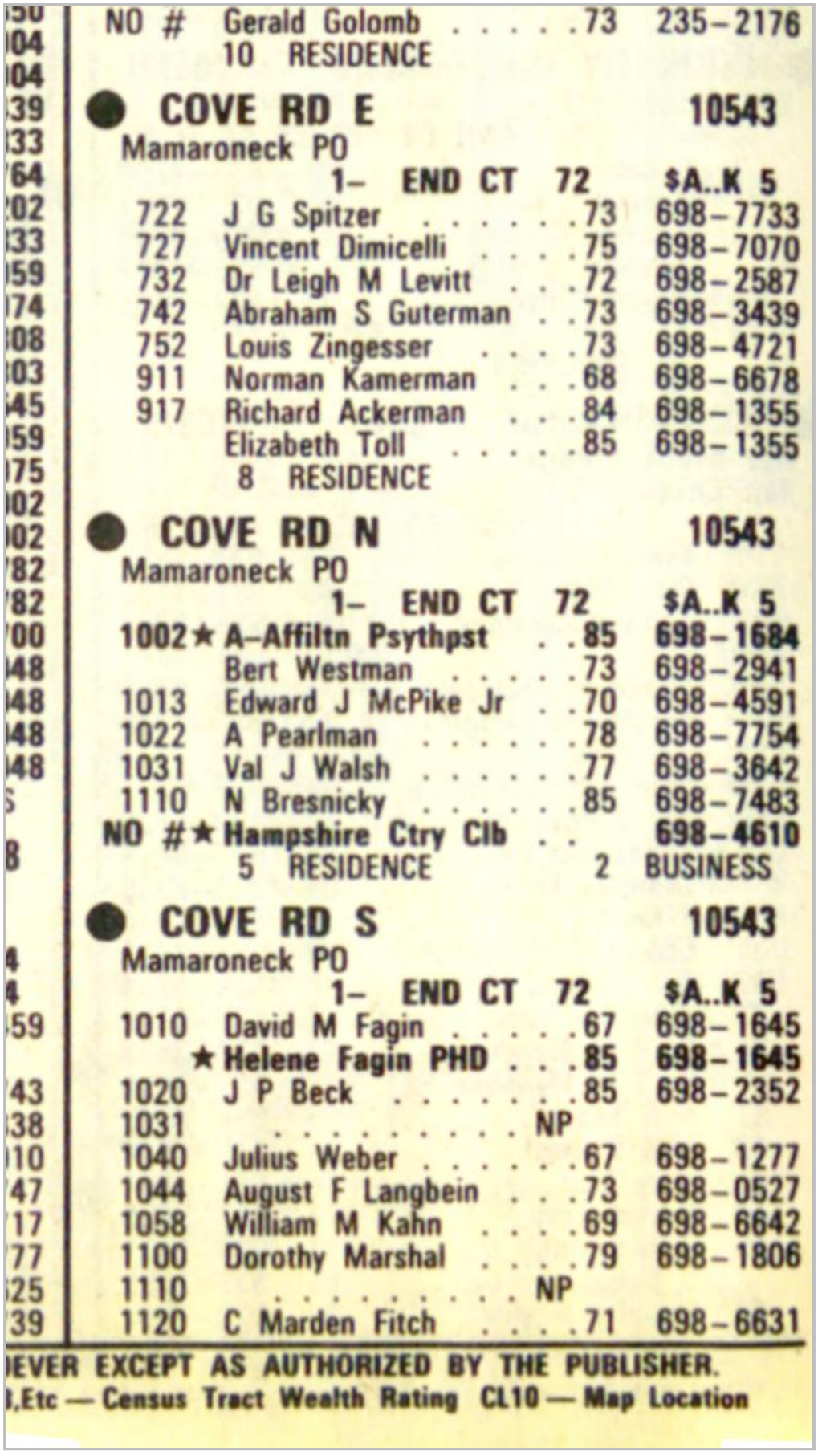
Target Street	Cross Street	Source
✓	-	Cole Information Services

COVE RD 1992

0	HAMPSHIRE COUNTRY CLUB
722	CHESS, JOAN & JEREMY
727	DIMICELLI, VINCENT
732	LEVITT, LEIGH MARTIN, DDS-RESIDENCE
742	GUTERMAN, ABRAHAM S
752	ZINGESSER, LOUIS
911	ROBERTS, MARTIN & ANN
917	ACKERMAN, RICHARD
	TOLL, ELIZABETH
925	DAVIS, D K
1002	LUSK, JACK
	M LAX DECORATING CO INC
1010	FAGIN, HELENE, PHD
1013	MCPIKE, EDW J, JR
1020	QUELIN, FREDERIC & ALINE
1022	TANEYA, NOBUKUNI
1040	WEBER, JULIUS
1058	KAHN, WM M
1100	MARSHALL, DOROTHY
1120	FITCH, C MARDEN
	MARDEN, MURRIE

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

COVE RD 1987



NO # Gerald Golomb 73 235-2176
10 RESIDENCE

● COVE RD E 10543

Mamaroneck PO

1- END CT 72 $A..K 5

722 J G Spitzer 73 698-7733
727 Vincent Dimicelli 75 698-7070
732 Dr Leigh M Levitt . . . 72 698-2587
742 Abraham S Guterman . . 73 698-3439
752 Louis Zingesser 73 698-4721
911 Norman Kamerman . . . 68 698-6678
917 Richard Ackerman . . . 84 698-1355
Elizabeth Toll 85 698-1355
8 RESIDENCE

● COVE RD N 10543

Mamaroneck PO

1- END CT 72 $A..K 5

1002 ★ A-Affiltn Psythpst . . 85 698-1684
Bert Westman 73 698-2941
1013 Edward J McPike Jr . . 70 698-4591
1022 A Pearlman 78 698-7754
1031 Val J Walsh 77 698-3642
1110 N Bresnicky 85 698-7483
NO # ★ Hampshire Ctry Clb . . 698-4610
5 RESIDENCE 2 BUSINESS

● COVE RD S 10543

Mamaroneck PO

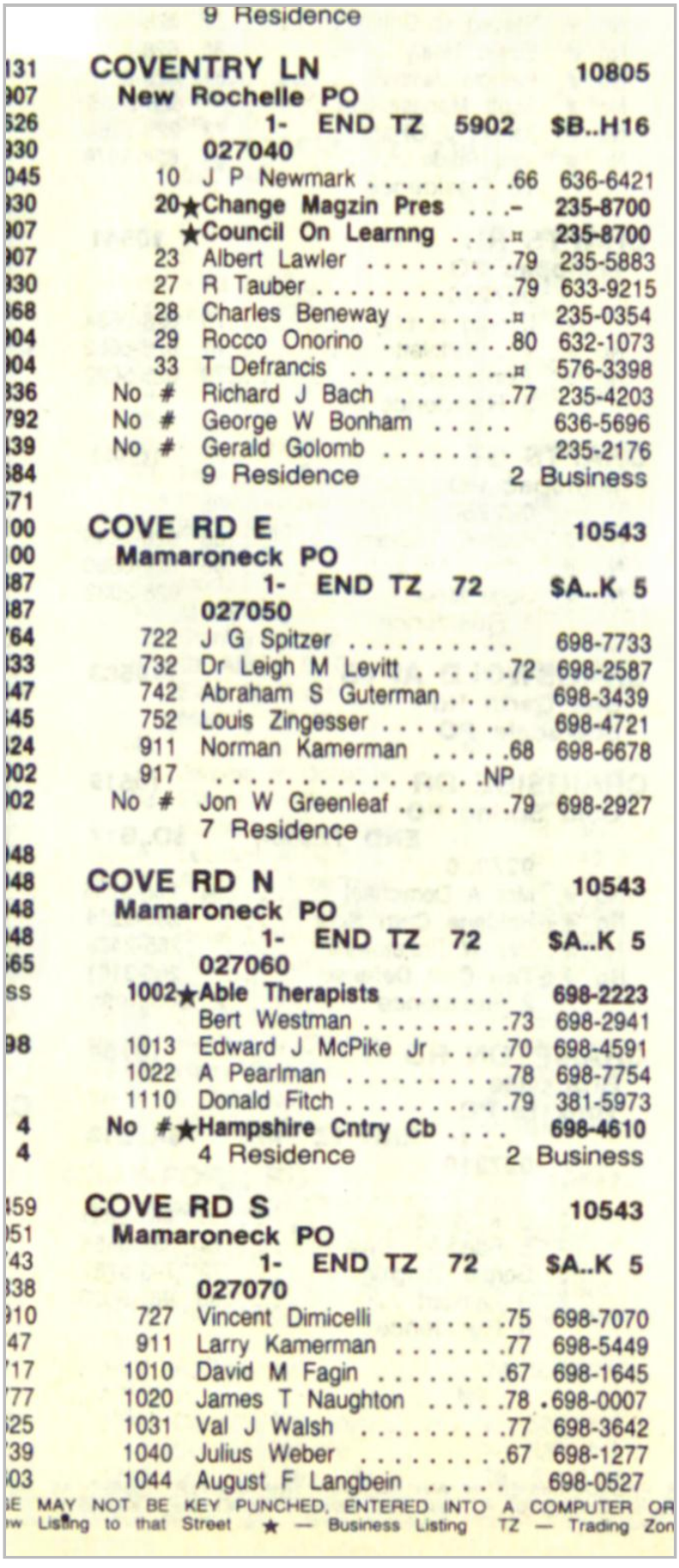
1- END CT 72 $A..K 5

1010 David M Fagin 67 698-1645
★ Helene Fagin PHD . . . 85 698-1645
1020 J P Beck 85 698-2352
1031 . . . . . NP
1040 Julius Weber 67 698-1277
1044 August F Langbein . . . 73 698-0527
1058 William M Kahn 69 698-6642
1100 Dorothy Marshal 79 698-1806
1110 . . . . . NP
1120 C Marden Fitch 71 698-6631

IEVER EXCEPT AS AUTHORIZED BY THE PUBLISHER.
I,Etc — Census Tract Wealth Rating CL10 — Map Location

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

COVE RD 1982



9 Residence

COVENTRY LN 10805
New Rochelle PO
1- END TZ 5902 $B..H16
027040

10 J P Newmark 66 636-6421
20★Change Magzin Pres ...- 235-8700
★Council On Learnng ....¤ 235-8700
23 Albert Lawler 79 235-5883
27 R Tauber 79 633-9215
28 Charles Beneway .....¤ 235-0354
29 Rocco Onorino 80 632-1073
33 T Defrancis .....¤ 576-3398
No # Richard J Bach 77 235-4203
No # George W Bonham 636-5696
No # Gerald Golomb 235-2176
9 Residence 2 Business

COVE RD E 10543
Mamaroneck PO
1- END TZ 72 $A..K 5
027050

722 J G Spitzer 698-7733
732 Dr Leigh M Levitt 72 698-2587
742 Abraham S Guterman 698-3439
752 Louis Zingesser 698-4721
911 Norman Kamerman 68 698-6678
917 .....NP
No # Jon W Greenleaf 79 698-2927
7 Residence

COVE RD N 10543
Mamaroneck PO
1- END TZ 72 $A..K 5
027060

1002★Able Therapists 698-2223
Bert Westman 73 698-2941
1013 Edward J McPike Jr 70 698-4591
1022 A Pearlman 78 698-7754
1110 Donald Fitch 79 381-5973
No #★Hampshire Cntry Cb 698-4610
4 Residence 2 Business

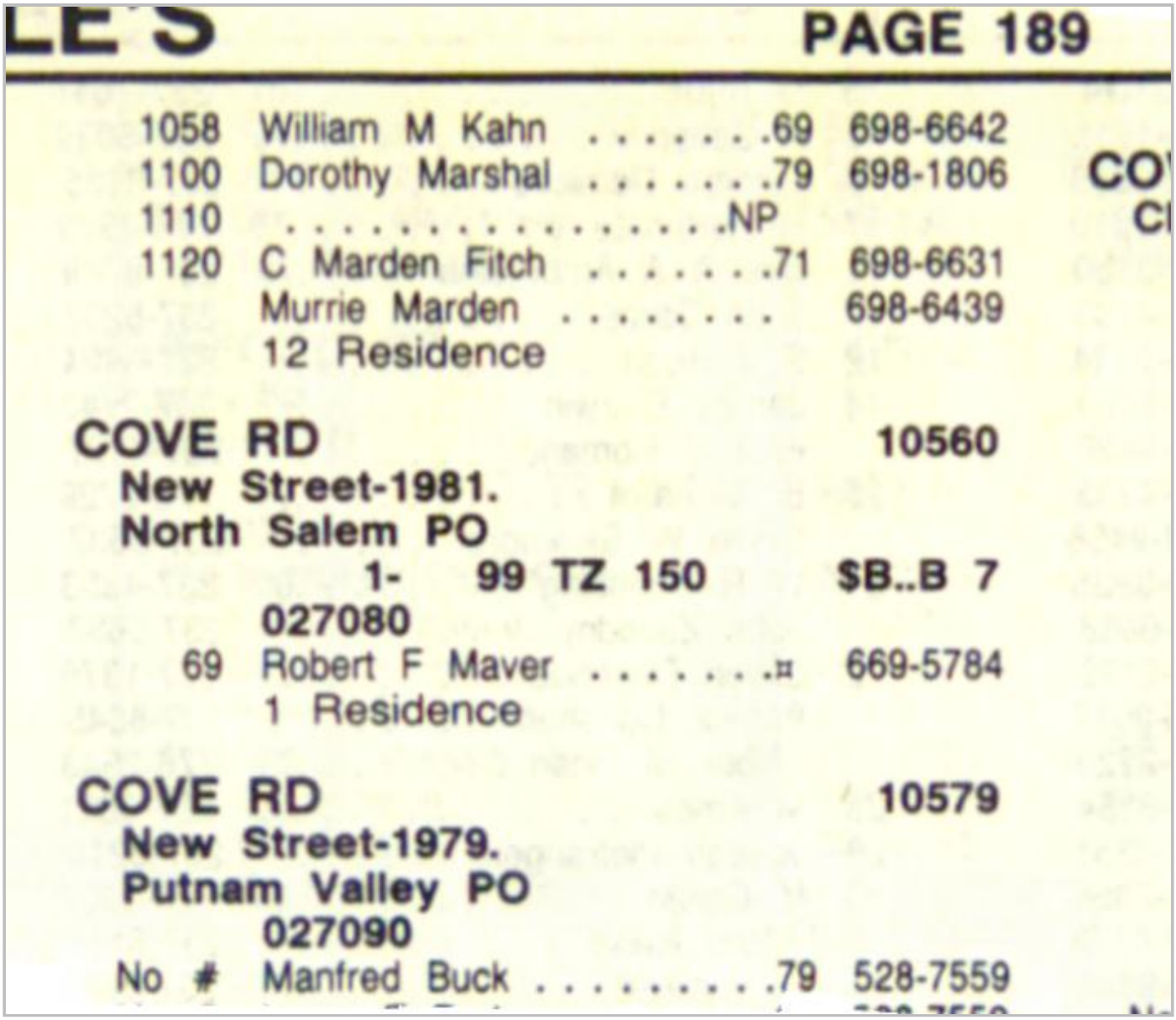
COVE RD S 10543
Mamaroneck PO
1- END TZ 72 $A..K 5
027070

727 Vincent Dimicelli 75 698-7070
911 Larry Kamerman 77 698-5449
1010 David M Fagin 67 698-1645
1020 James T Naughton 78 698-0007
1031 Val J Walsh 77 698-3642
1040 Julius Weber 67 698-1277
1044 August F Langbein 698-0527

...E MAY NOT BE KEY PUNCHED, ENTERED INTO A COMPUTER OR
...w Listing to that Street ★ — Business Listing TZ — Trading Zon

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

COVE RD 1982



LE'S PAGE 189

1058 William M Kahn 69 698-6642
1100 Dorothy Marshal 79 698-1806
1110 .....NP
1120 C Marden Fitch 71 698-6631
Murrie Marden 698-6439
12 Residence

COVE RD 10560
New Street-1981.
North Salem PO
1- 99 TZ 150 $B..B 7
027080
69 Robert F Maver .....¤ 669-5784
1 Residence

COVE RD 10579
New Street-1979.
Putnam Valley PO
027090
No # Manfred Buck 79 528-7559

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

COVE RD 1977

No # Barry Gold 4 739-1667
No # James Mondello 4 737-4250
No # ★Dr Gene Potter 737-0995
7 Residence 2 Business

COVENTRY LN 10805
Davenports Neck
New Rochelle PO
1- END TZ 5902$B..S 4
10 J P Newmark 636-6421
No # George W Bonham NE6-5696
No # Gerald Golomb 235-2176
No # John C Munroe 5 235-4374
4 Residence

COVE RD E 10543
Mamaroneck PO
1- END TZ 72 $C..R 3
722 J G Spitzer OW8-7733
732 Dr Leigh M Levitt 2 698-2587
742 Abraham S Guterman 698-3439
752 Louis Zingesser 698-4721
911 Judith Kamerman 8 698-1669
Norman Kamerman 8 698-6678
917 Robert E Pyle 8 698-7736
7 Residence

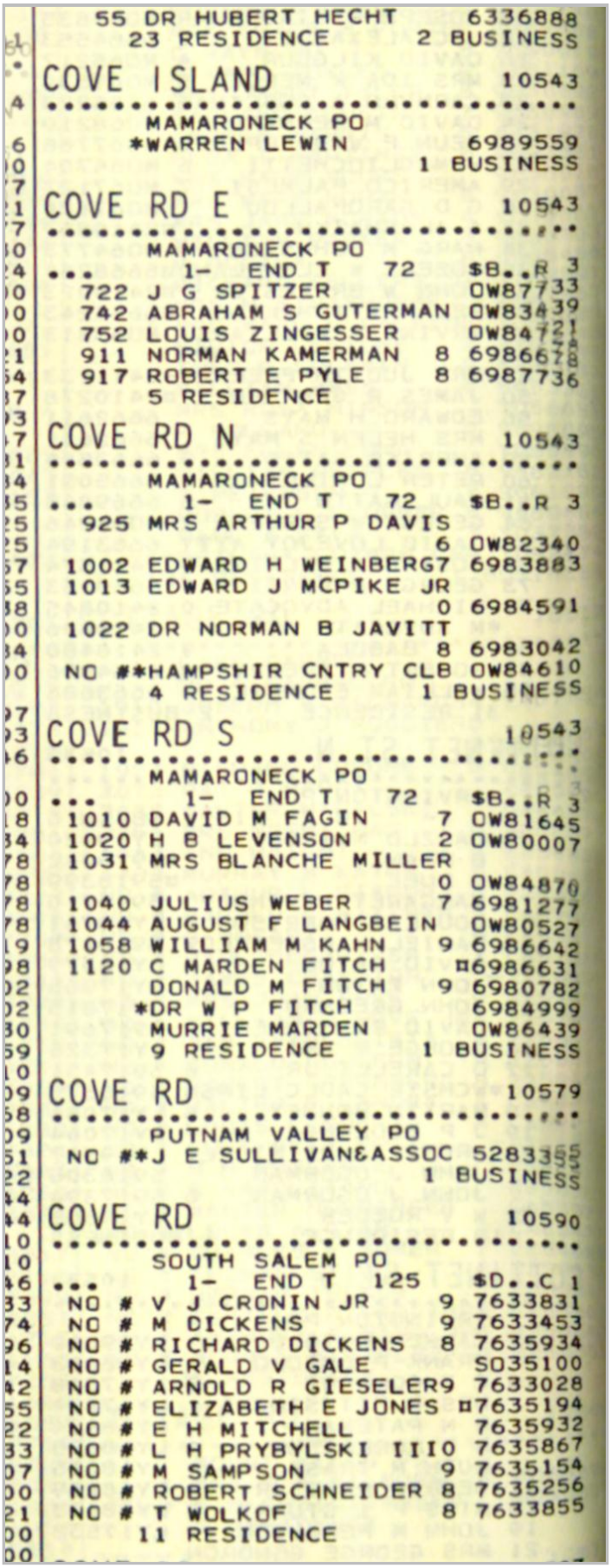
COVE RD N 10543
Mamaroneck PO
1- END TZ 72 $C..R 3
925 Arthur P Davis 698-2340
1002 Bert Westman 3 698-2941
1013 Edward J McPike Jr 0 698-4591
1022 ★Dr Norman B Javitt 698-3042
No # ★Hampshire Cntry Cb OW8-4610
No # ★Jack Williams 698-8896
3 Residence 3 Business

COVE RD S 10543
Mamaroneck PO
1- END TZ 72 $C..R 3
727 Vincent Dimiceli 5 698-7070
1010 David M Fagin 7 OW8-1645
1020 J M Andersen 5 OW8-0007
1031 Mrs Blanche Miller 0 OW8-4870
1040 Julius Weber 7 698-1277
1044 August F Langbein OW8-0527
1058 William M Kahn 9 698-6642
1110 Joan E Mathewson ¤ 698-2450
1120 C Marden Fitch 1 698-6631
★Dr W P Fitch 698-4999
Murrie Marden OW8-6439
10 Residence 1 Business

COVE RD 10590
South Salem PO
1- END TZ 125 $B..C 1
No # Andrew A Burns ¤ 763-8390
No # Marsi Burns ¤ 763-8390
No # V J Cronin Jr 9 763-3831
No # Edw J Delaney Jr 4 763-5401

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

COVE RD 1972



```
    55 DR HUBERT HECHT          6336888
    23 RESIDENCE          2 BUSINESS

COVE ISLAND                       10543
.....................................
      MAMARONECK PO
     *WARREN LEWIN                6989559
                           1 BUSINESS

COVE RD E                         10543
.....................................
      MAMARONECK PO
...       1-  END T   72    $B..R 3
  722 J G SPITZER                 OW87733
  742 ABRAHAM S GUTERMAN          OW83439
  752 LOUIS ZINGESSER             OW84721
  911 NORMAN KAMERMAN          8 6986678
  917 ROBERT E PYLE            8 6987736
      5 RESIDENCE

COVE RD N                         10543
.....................................
      MAMARONECK PO
...       1-  END T   72    $B..R 3
  925 MRS ARTHUR P DAVIS
                               6 OW82340
 1002 EDWARD H WEINBERG        7 6983883
 1013 EDWARD J MCPIKE JR
                               0 6984591
 1022 DR NORMAN B JAVITT
                               8 6983042
 NO ##HAMPSHIR CNTRY CLB         OW84610
      4 RESIDENCE          1 BUSINESS

COVE RD S                         10543
.....................................
      MAMARONECK PO
...       1-  END T   72    $B..R 3
 1010 DAVID M FAGIN            7 OW81645
 1020 H B LEVENSON             2 OW80007
 1031 MRS BLANCHE MILLER
                               0 OW84870
 1040 JULIUS WEBER             7 6981277
 1044 AUGUST F LANGBEIN          OW80527
 1058 WILLIAM M KAHN           9 6986642
 1120 C MARDEN FITCH           ¤6986631
      DONALD M FITCH           9 6980782
     *DR W P FITCH                6984999
      MURRIE MARDEN               OW86439
      9 RESIDENCE          1 BUSINESS

COVE RD                           10579
.....................................
      PUTNAM VALLEY PO
 NO ##J E SULLIVAN&ASSOC         5283355
                           1 BUSINESS

COVE RD                           10590
.....................................
      SOUTH SALEM PO
...       1-  END T  125    $D..C 1
 NO # V J CRONIN JR            9 7633831
 NO # M DICKENS                9 7633453
 NO # RICHARD DICKENS          8 7635934
 NO # GERALD V GALE              SO35100
 NO # ARNOLD R GIESELER        9 7633028
 NO # ELIZABETH E JONES        ¤7635194
 NO # E H MITCHELL                7635932
 NO # L H PRYBYLSKI III         0 7635867
 NO # M SAMPSON                  9 7635154
 NO # ROBERT SCHNEIDER           8 7635256
 NO # T WOLKOF                   8 7633855
     11 RESIDENCE
```

APPENDIX D

HISTORICAL TOPOGRAPHIC MAPS

1025 Cove Road

1025 Cove Road

Mamaroneck, NY 10543

Inquiry Number: 4546842.4

February 24, 2016

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

02/24/16

Site Name:
1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543
EDR Inquiry # 4546842.4

Client Name:
GZA GeoEnvironmental of NY
104 West 29th St
New York, NY 10001
Contact: RAHUL BHATIA

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by GZA GeoEnvironmental of NY 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:

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City,State,Zip: Mamaroneck, NY 10543
P.O.# 41.0162403.00
Project: 41.0162403.00

Coordinates:

Latitude:	40.935156 40° 56' 7" North
Longitude:	-73.738422 -73° 44' 18" West
UTM Zone:	Zone 18 North
UTM X Meters:	606205.79
UTM Y Meters:	4532324.97
Elevation:	6.99' above sea level

Maps Provided:

2013
1975, 1979
1966, 1967
1955, 1956
1947
1900
1898
1897

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Topo Sheet Thumbnails

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

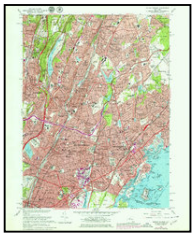
2013 Source Sheets

Mount Vernon
2013
7.5-minute, 24000

Mamaroneck
2013
7.5-minute, 24000

1975, 1979 Source Sheets

Mamaroneck
1975
7.5-minute, 24000
Photo Inspected 1975
Aerial Photo Revised 1966



Mount Vernon
1979
7.5-minute, 24000
Photo Revised 1979
Aerial Photo Revised 1977

1966, 1967 Source Sheets

Mount Vernon
1966
7.5-minute, 24000
Aerial Photo Revised 1966

Mamaroneck
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1955, 1956 Source Sheets

Mamaroneck
1955
7.5-minute, 24000
Aerial Photo Revised 1941

Mount Vernon
1956
7.5-minute, 24000
Aerial Photo Revised 1954

Topo Sheet Thumbnails

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets

Mamaroneck
1947
7.5-minute, 24000
Aerial Photo Revised 1941

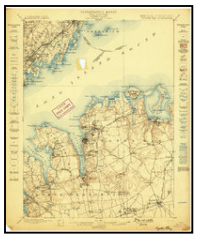
Mt Vernon
1947
7.5-minute, 24000
Aerial Photo Revised 1941

1900 Source Sheets

Harlem
1900
15-minute, 62500

Oyster Bay
1900
15-minute, 62500

1898 Source Sheets

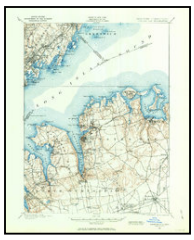


Oyster Bay
1898
15-minute, 62500

Harlem
1898
15-minute, 62500

1897 Source Sheets

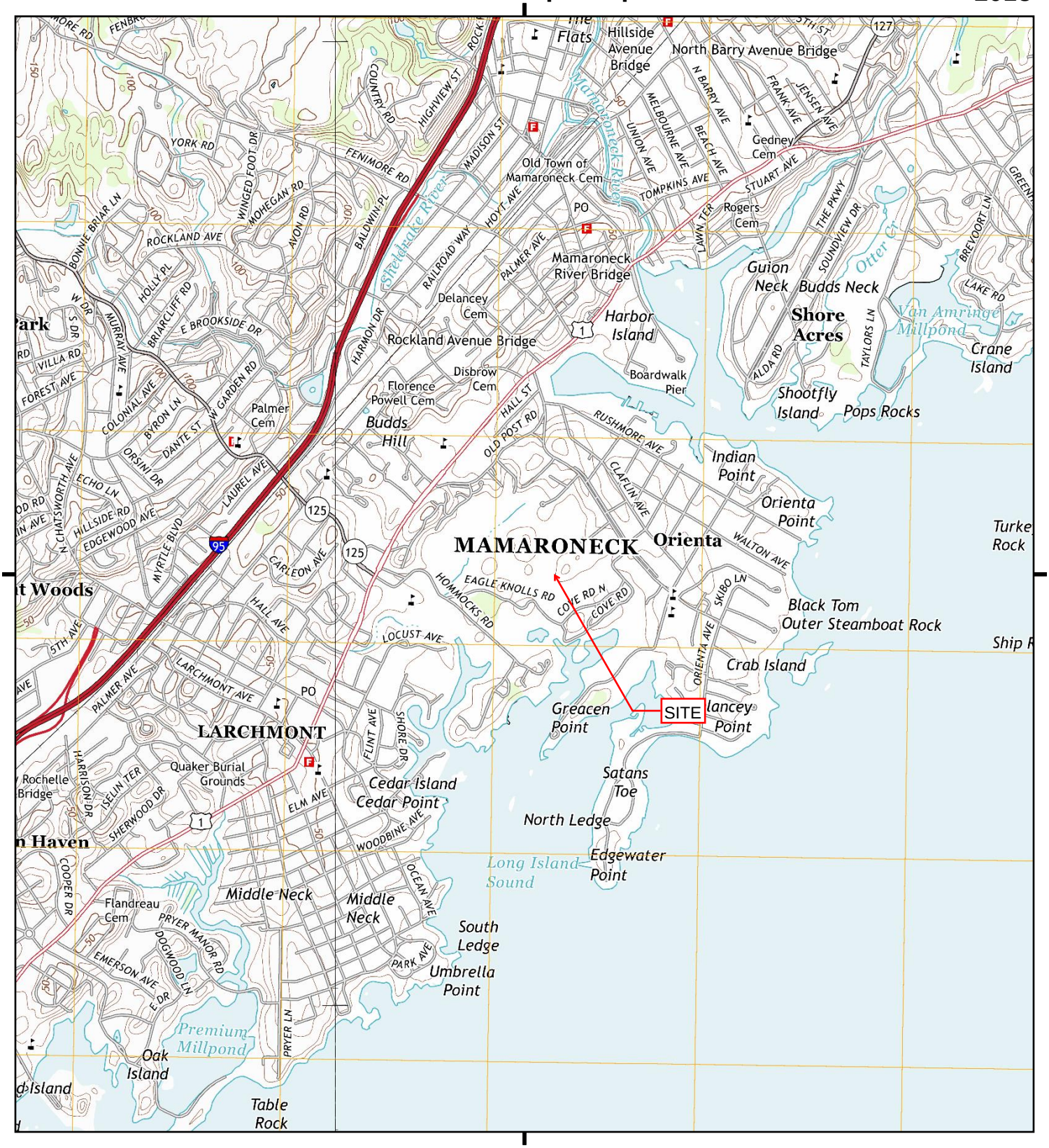
Harlem
1897
15-minute, 62500



Oyster Bay
1897
15-minute, 62500

Historical Topo Map

2013



This report includes information from the following map sheet(s).

Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mamaroneck, 2013, 7.5-minute

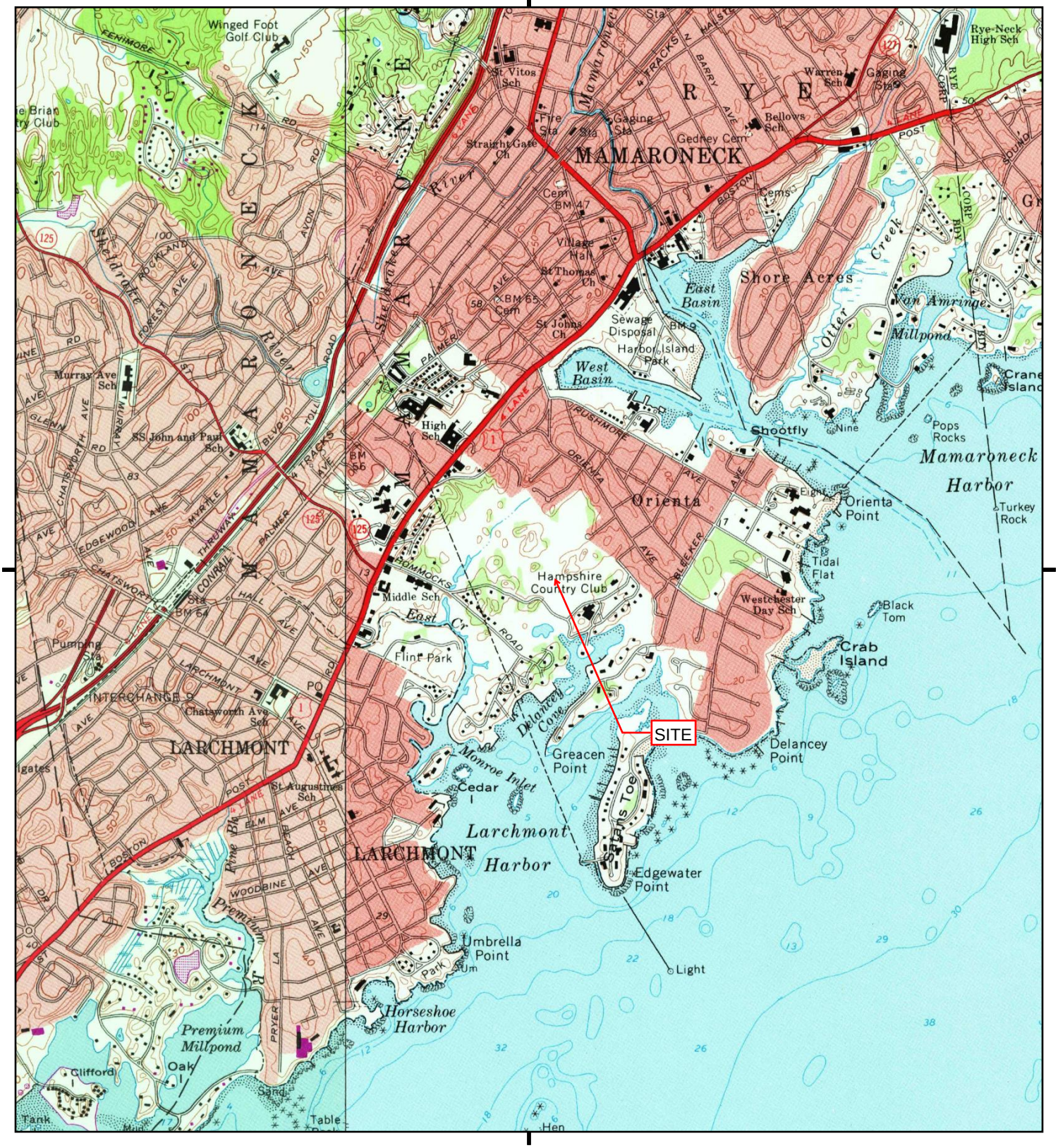
W, Mount Vernon, 2013, 7.5-minute

SITE NAME: 1025 Cove Road
ADDRESS: 1025 Cove Road
Mamaroneck, NY 10543
CLIENT: GZA GeoEnvironmental of NY

N

Historical Topo Map

1975, 1979



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W E
SW S SE

TP, Mamaroneck, 1975, 7.5-minute

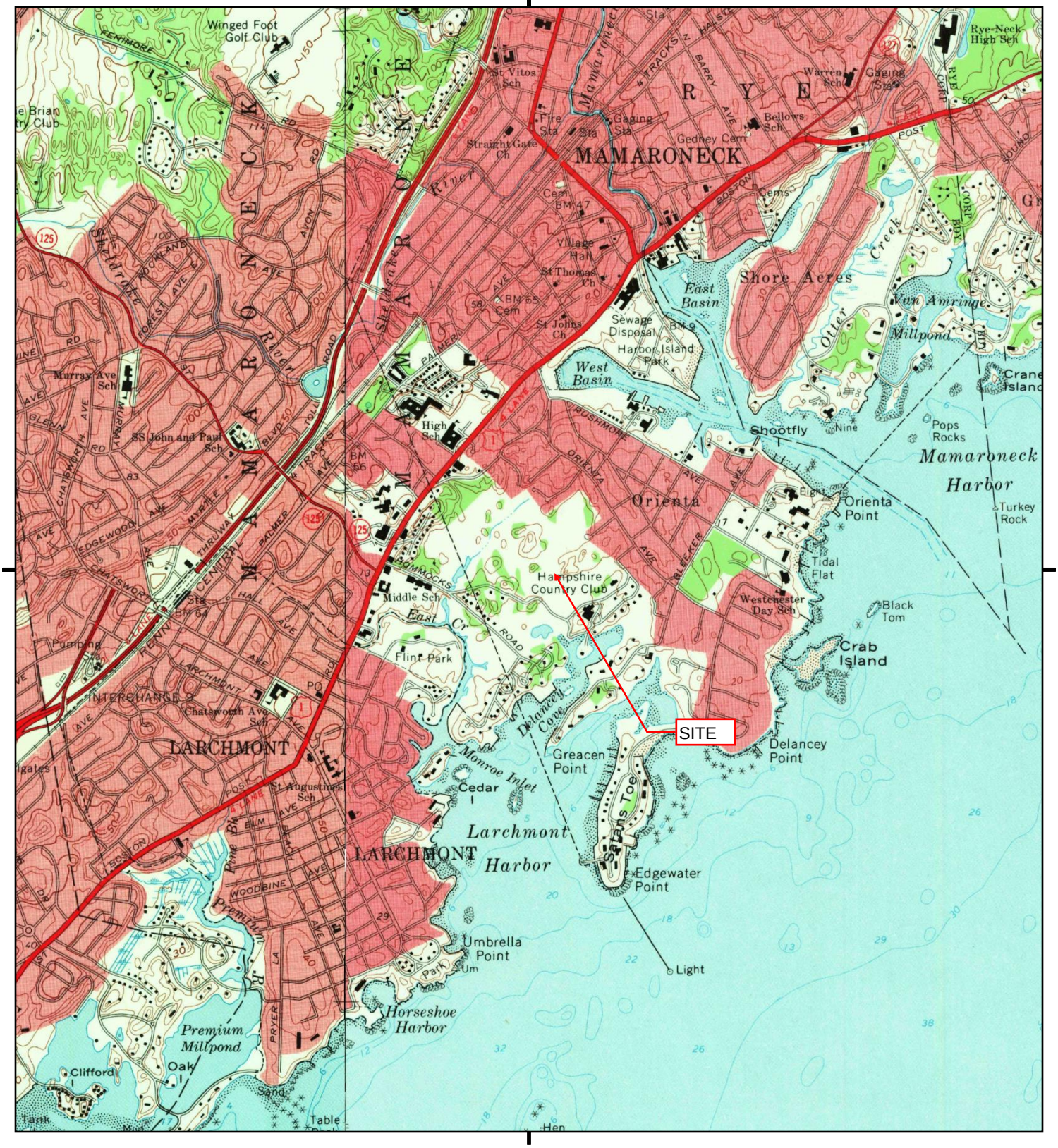
W, Mount Vernon, 1979, 7.5-minute

SITE NAME: 1025 Cove Road
ADDRESS: 1025 Cove Road
Mamaroneck, NY 10543
CLIENT: GZA GeoEnvironmental of NY

N

Historical Topo Map

1966, 1967



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W E
SW S SE

TP, Mamaroneck, 1967, 7.5-minute

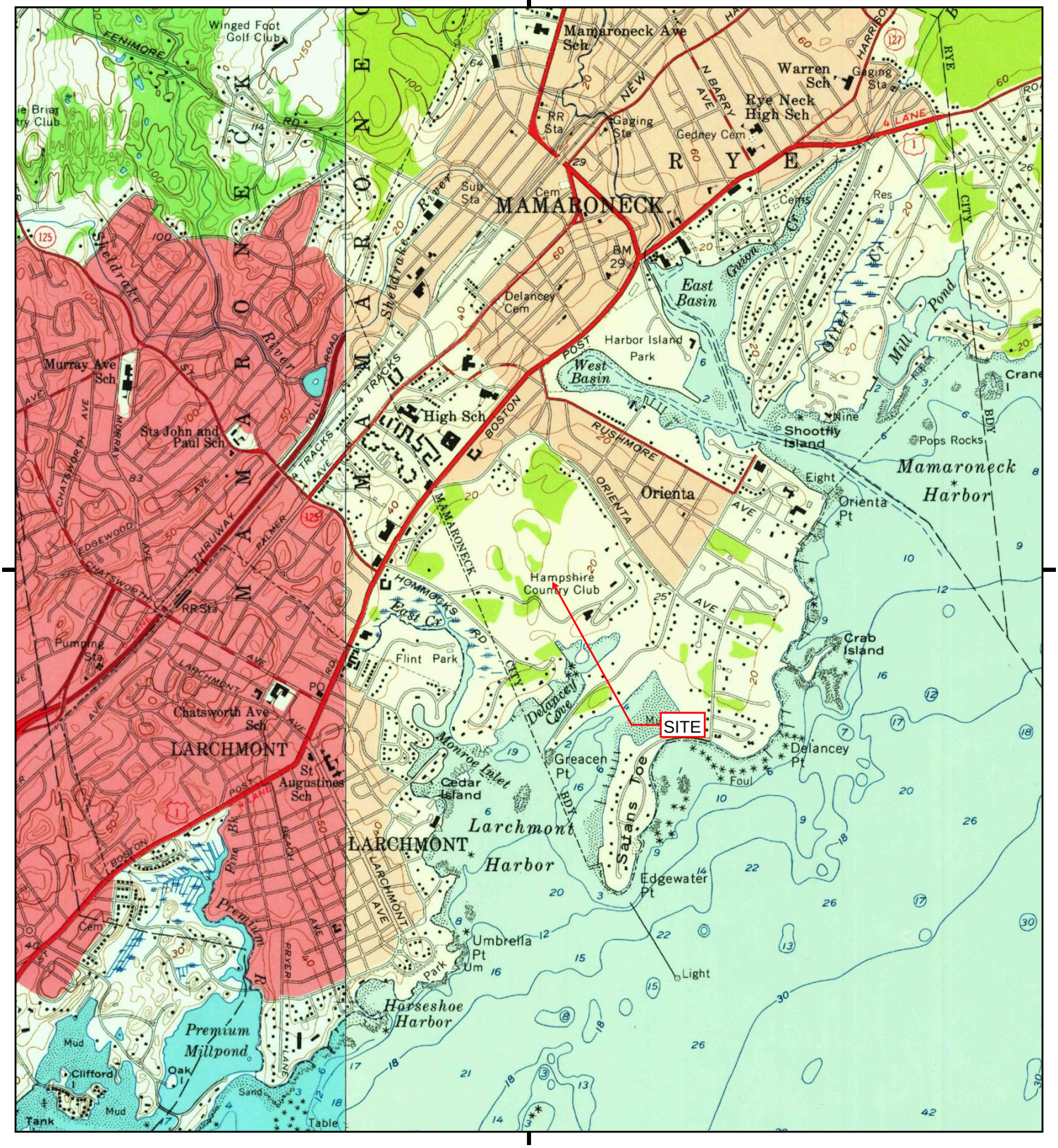
W, Mount Vernon, 1966, 7.5-minute

SITE NAME: 1025 Cove Road
ADDRESS: 1025 Cove Road
Mamaroneck, NY 10543
CLIENT: GZA GeoEnvironmental of NY

N

Historical Topo Map

1955, 1956



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W E
SW S SE

TP, Mamaroneck, 1955, 7.5-minute

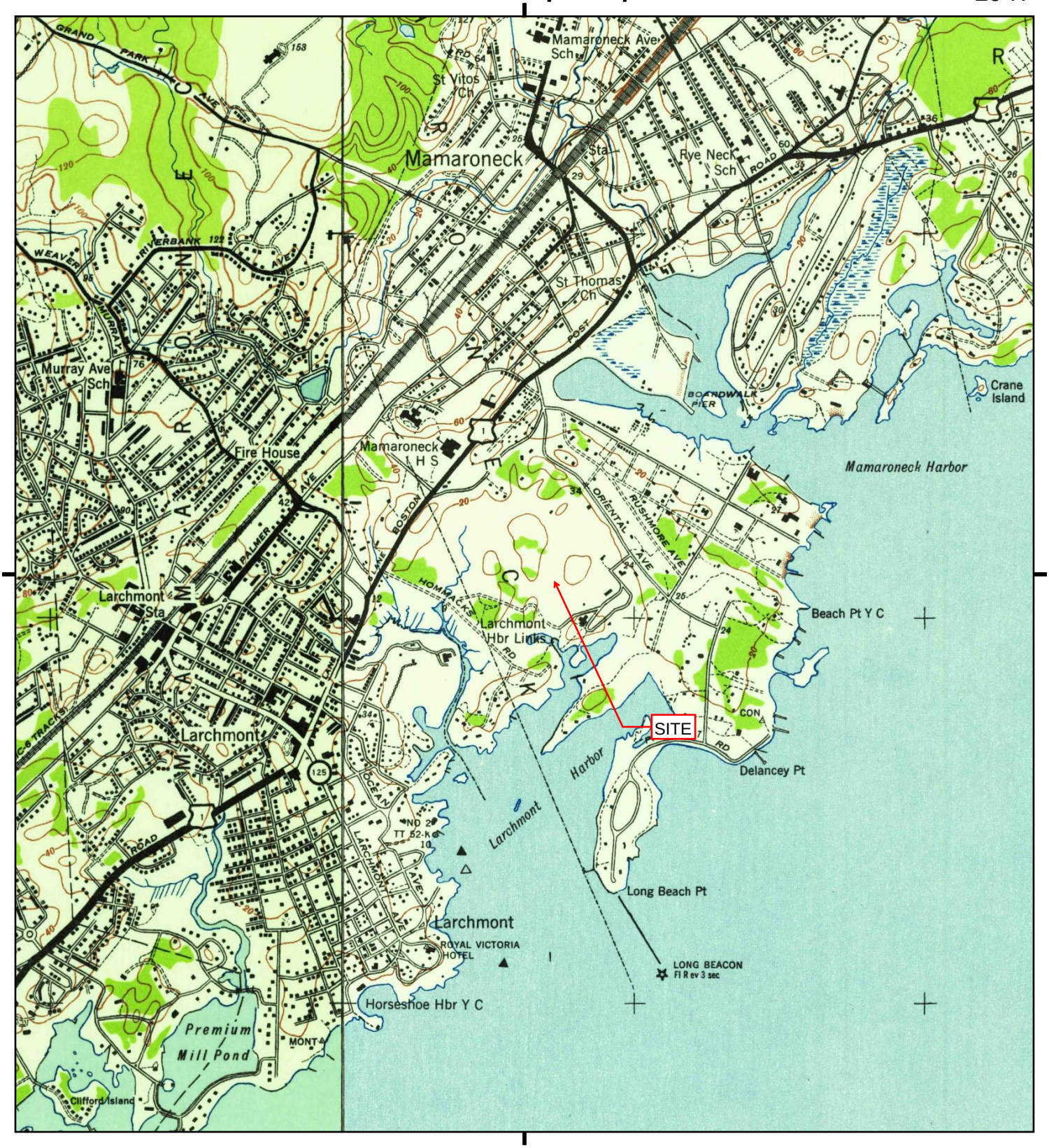
W, Mount Vernon, 1956, 7.5-minute

SITE NAME: 1025 Cove Road
ADDRESS: 1025 Cove Road
Mamaroneck, NY 10543
CLIENT: GZA GeoEnvironmental of NY

N

Historical Topo Map

1947



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SW S SE

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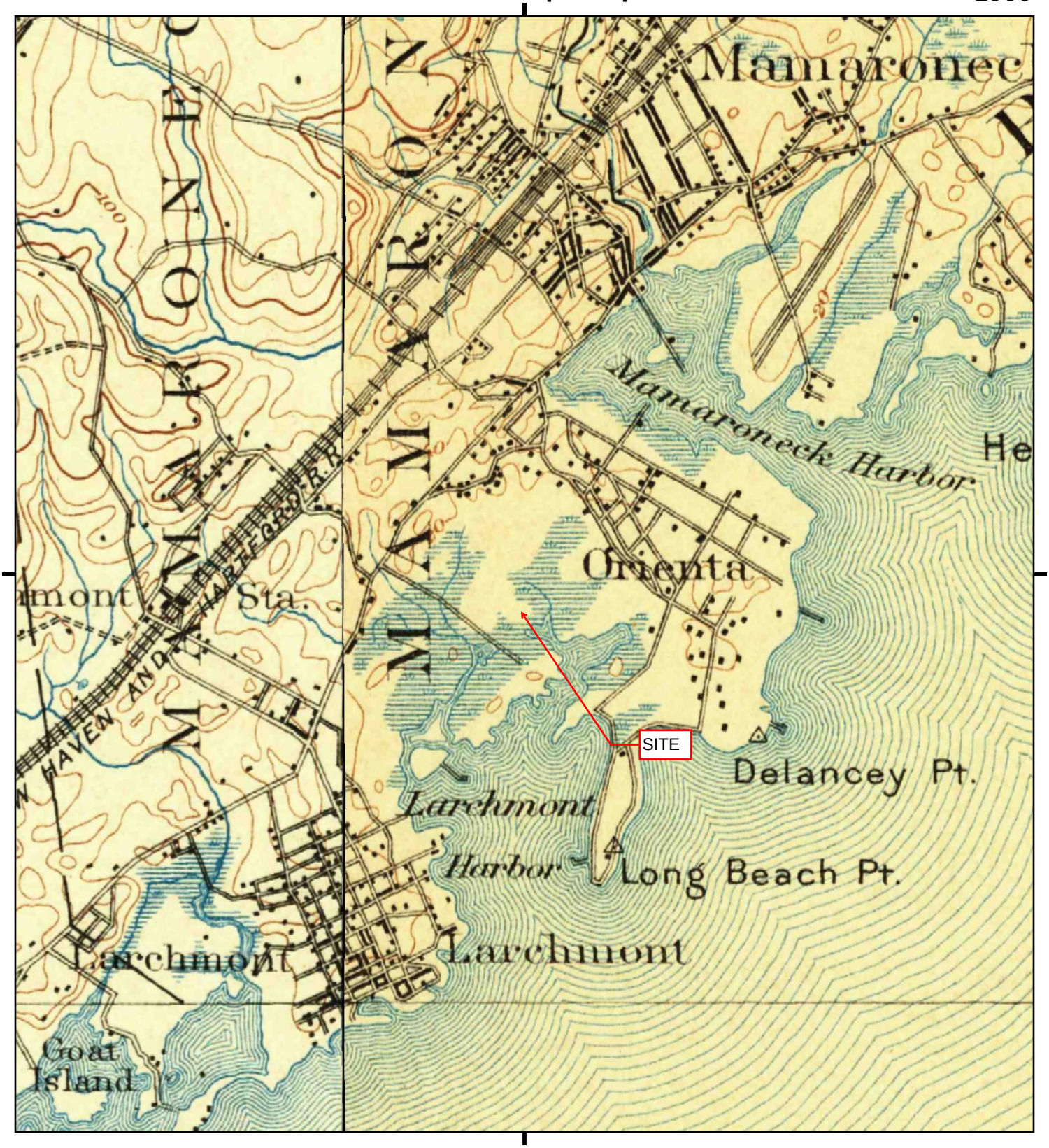
W, Mt Vernon, 1947, 7.5-minute

SITE NAME: 1025 Cove Road
ADDRESS: 1025 Cove Road
Mamaroneck, NY 10543
CLIENT: GZA GeoEnvironmental of NY

N

Historical Topo Map

1900



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NW N NE
W E
SW S SE

TP, Oyster Bay, 1900, 15-minute

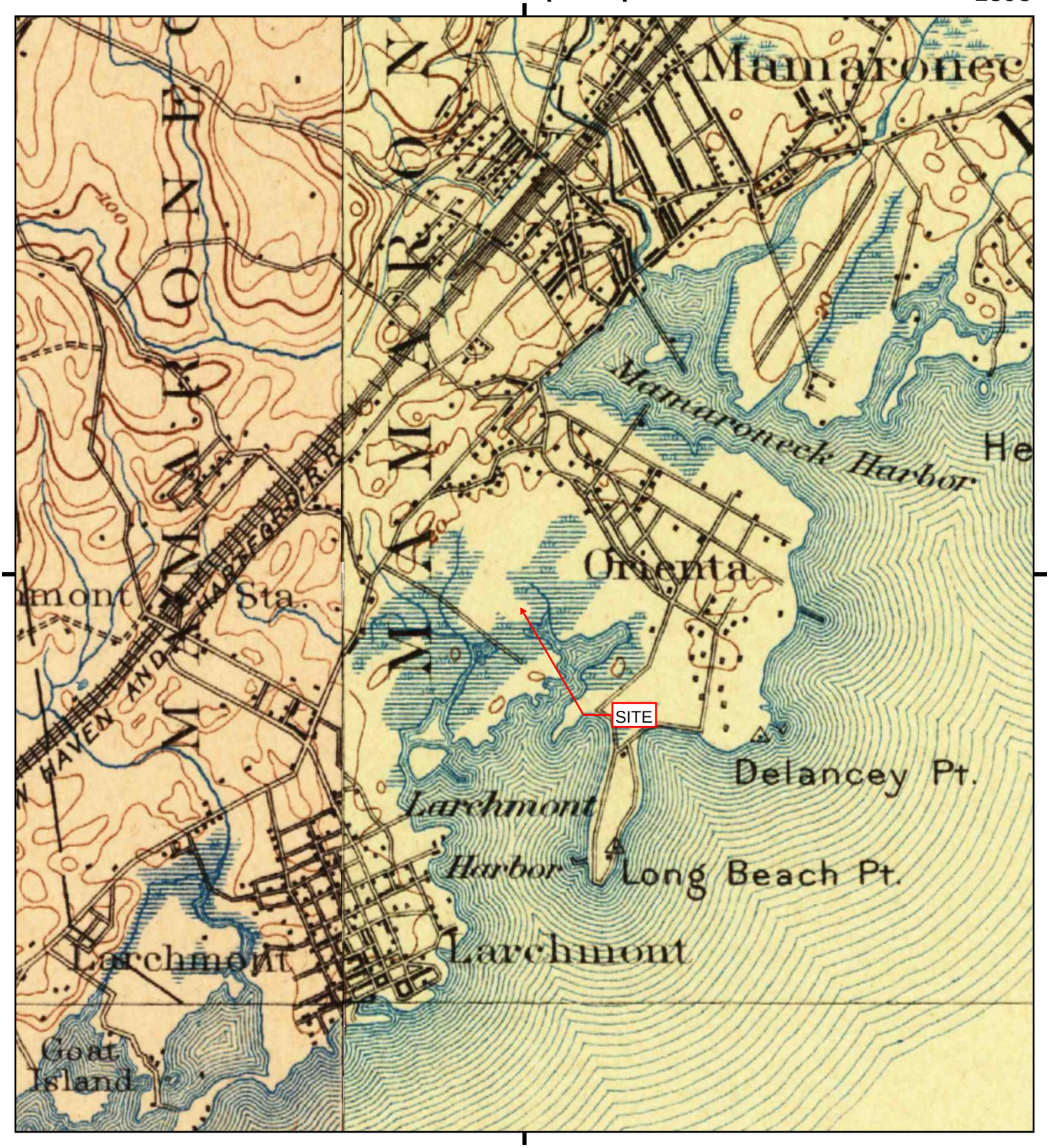
SW, Harlem, 1900, 15-minute

SITE NAME: 1025 Cove Road
ADDRESS: 1025 Cove Road
Mamaroneck, NY 10543
CLIENT: GZA GeoEnvironmental of NY

N

Historical Topo Map

1898



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NW N NE
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SW S SE

TP, Oyster Bay, 1898, 15-minute

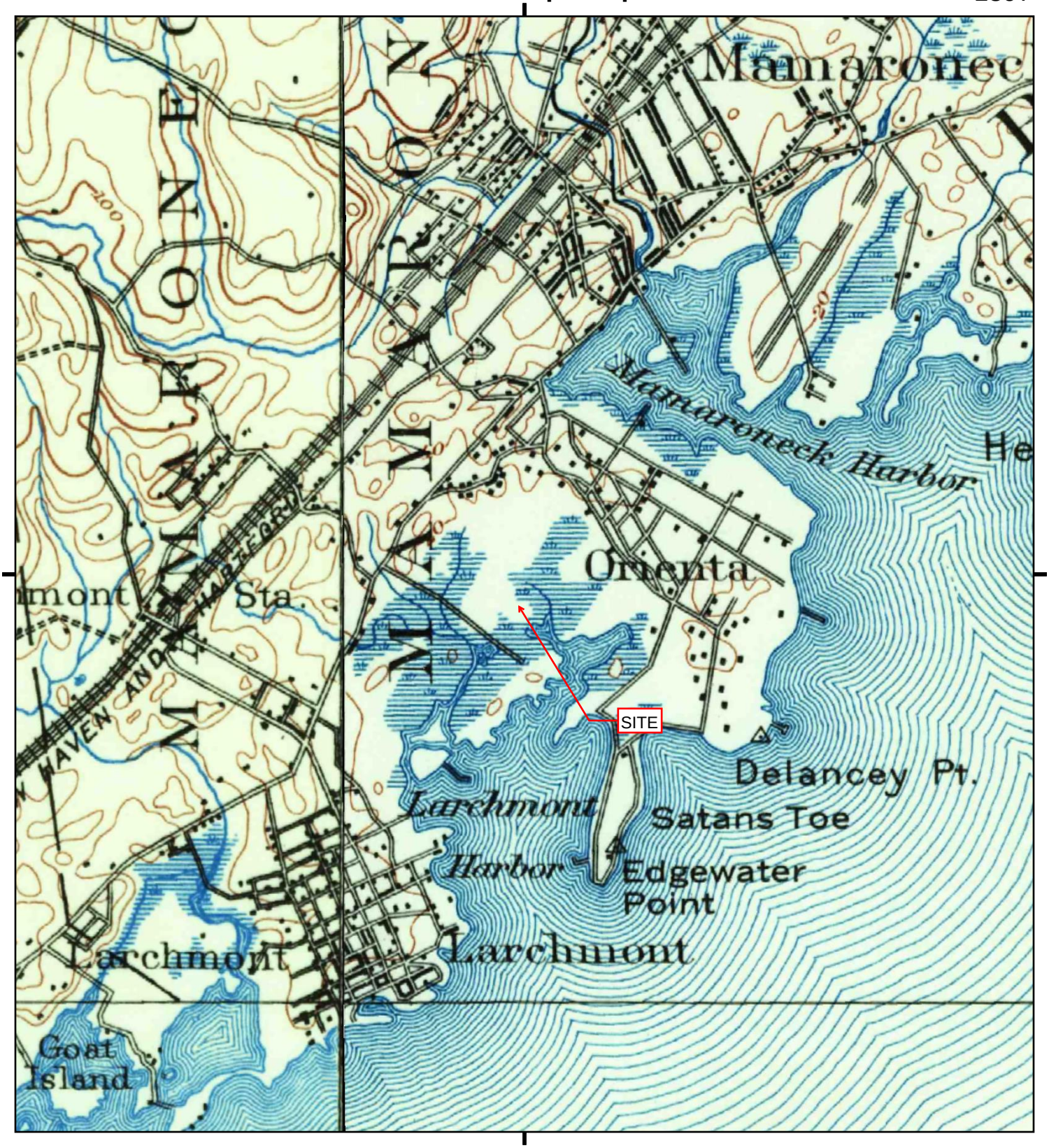
SW, Harlem, 1898, 15-minute

SITE NAME: 1025 Cove Road
ADDRESS: 1025 Cove Road
Mamaroneck, NY 10543
CLIENT: GZA GeoEnvironmental of NY

N

Historical Topo Map

1897



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NW N NE
W E
SW S SE

TP, Oyster Bay, 1897, 15-minute

SW, Harlem, 1897, 15-minute

SITE NAME: 1025 Cove Road
ADDRESS: 1025 Cove Road
Mamaroneck, NY 10543
CLIENT: GZA GeoEnvironmental of NY

N

APPENDIX E

AERIAL PHOTOGRAPHY

1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.9
February 24, 2016

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography February 24, 2016

Target Property:

1025 Cove Road

Mamaroneck, NY 10543

Year	***Scale***	***Details***	***Source***
1951	Aerial Photograph. Scale: 1"=500'	Flight Date: April 21, 1951	EDR Proprietary Aerial Viewpoint
1954	Aerial Photograph. Scale: 1"=500'	Flight Date: March 07, 1954	USGS
1961	Aerial Photograph. Scale: 1"=500'	Flight Date: December 15, 1961	EDR Proprietary Aerial Viewpoint
1964	Aerial Photograph. Scale: 1"=500'	Flight Date: March 23, 1964	EDR
1974	Aerial Photograph. Scale: 1"=500'	Flight Date: October 24, 1974	USGS
1984	Aerial Photograph. Scale: 1"=500'	Flight Date: March 26, 1984	USGS
1994	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: April 04, 1994	USGS/DOQQ
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2011	Aerial Photograph. Scale: 1"=500'	Flight Year: 2011	USDA/NAIP

SITE
INQUIRY #: 4546842.9
YEAR: 1951
= 500'
N
EDR

INQUIRY #: 4546842.9

YEAR: 1954

= 500'

N

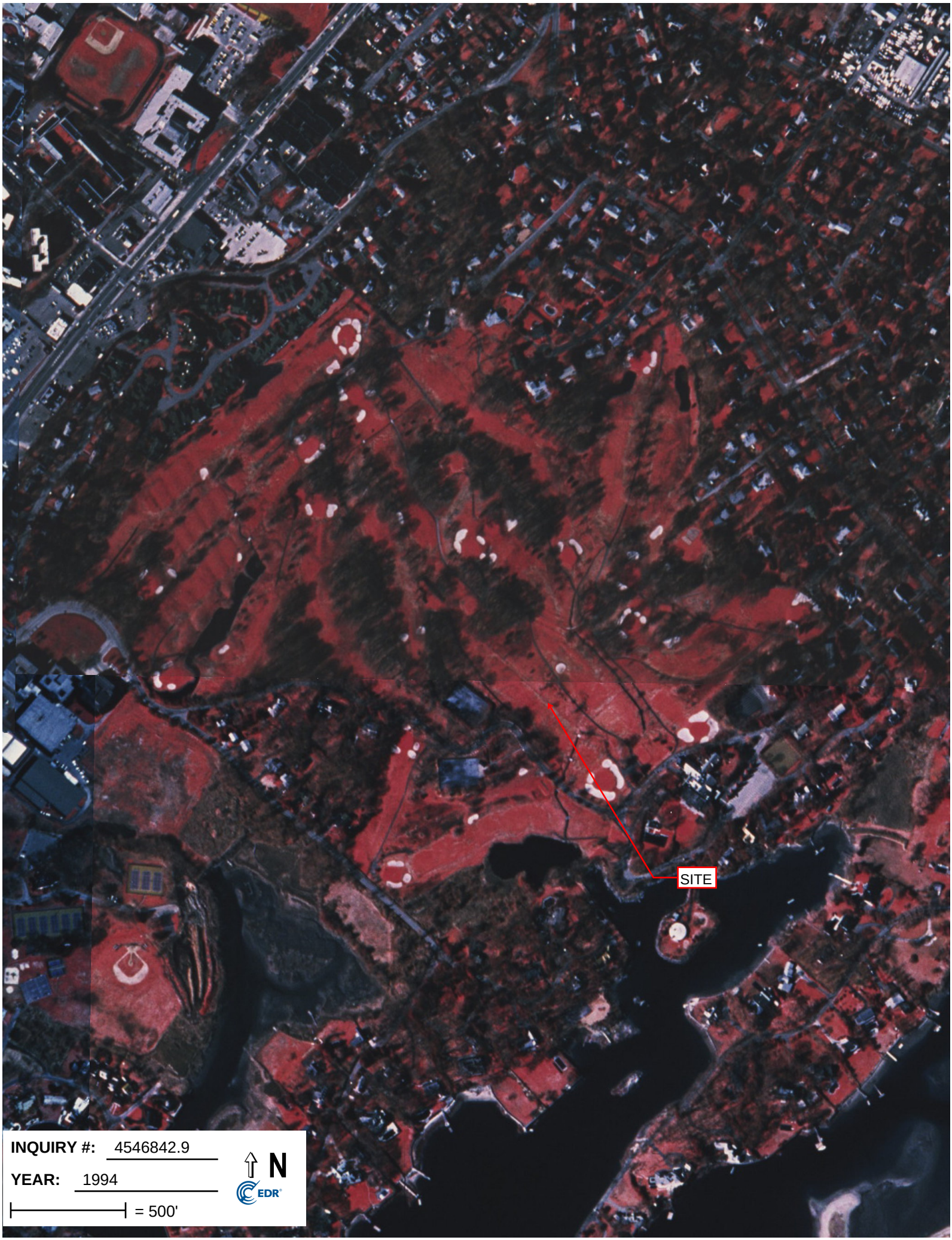
EDR

SITE
INQUIRY #: 4546842.9
YEAR: 1961
= 500'
N
EDR

INQUIRY #: 4546842.9
YEAR: 1964
= 500'
N
EDR
SITE

SITE
INQUIRY #: 4546842.9
YEAR: 1974
= 500'
N
EDR

SITE
INQUIRY #: 4546842.9
YEAR: 1984
= 500'
N
EDR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INQUIRY #: 4546842.9
YEAR: 1994
= 500'
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EDR

SITE
INQUIRY #: 4546842.9
YEAR: 2006
= 500'
N
EDR

SITE
INQUIRY #: 4546842.9
YEAR: 2009
= 500'
N
EDR

SITE
INQUIRY #: 4546842.9
YEAR: 2011
= 500'
N
EDR

APPENDIX F

SANBORN MAPS

1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.3
February 29, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/29/16

Site Name:
1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Client Name:
GZA GeoEnvironmental of NY
104 West 29th St
New York, NY 10001

EDR Inquiry # 4546842.3

Contact: RAHUL BHATIA

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GZA GeoEnvironmental of NY were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, State, Zip: Mamaroneck, NY 10543
Cross Street:
P.O. # 41.0162403.00
Project: 41.0162403.00
Certification # E4EC-4C89-B5DE

Maps Provided:

2003	1963
1996	1950
1995	1942
1994	1934
1992	1919
1988	

Sanborn® Library search results
Certification # E4EC-4C89-B5DE

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2003 Source Sheets

Volume 1, Sheet 35

Volume 1, Sheet 26

1996 Source Sheets

Volume 1, Sheet 26

Volume 1, Sheet 35

1995 Source Sheets

Volume 1, Sheet 26

Volume 1, Sheet 35

1994 Source Sheets

Volume 1, Sheet 26

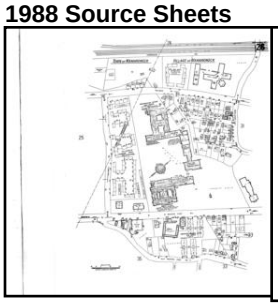
Volume 1, Sheet 35

1992 Source Sheets

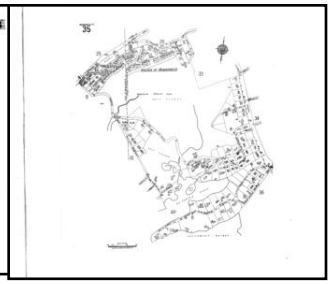
Volume 1, Sheet 26

Volume 1, Sheet 35

1988 Source Sheets



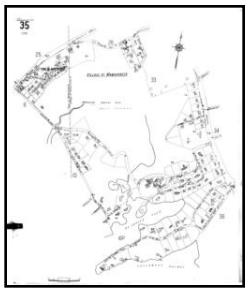
Volume 1, Sheet 26



Volume 1, Sheet 35

1963 Source Sheets

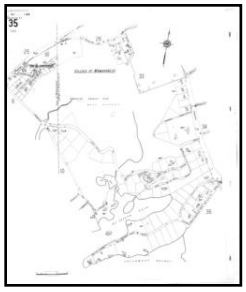
Volume 1, Sheet 26



Volume 1, Sheet 35

1950 Source Sheets

Volume 1, Sheet 26



Volume 1, Sheet 35

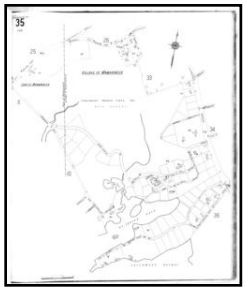
1942 Source Sheets

Volume 1, Sheet xxxx

Volume 1, Sheet 22

1934 Source Sheets

Volume 1, Sheet 26

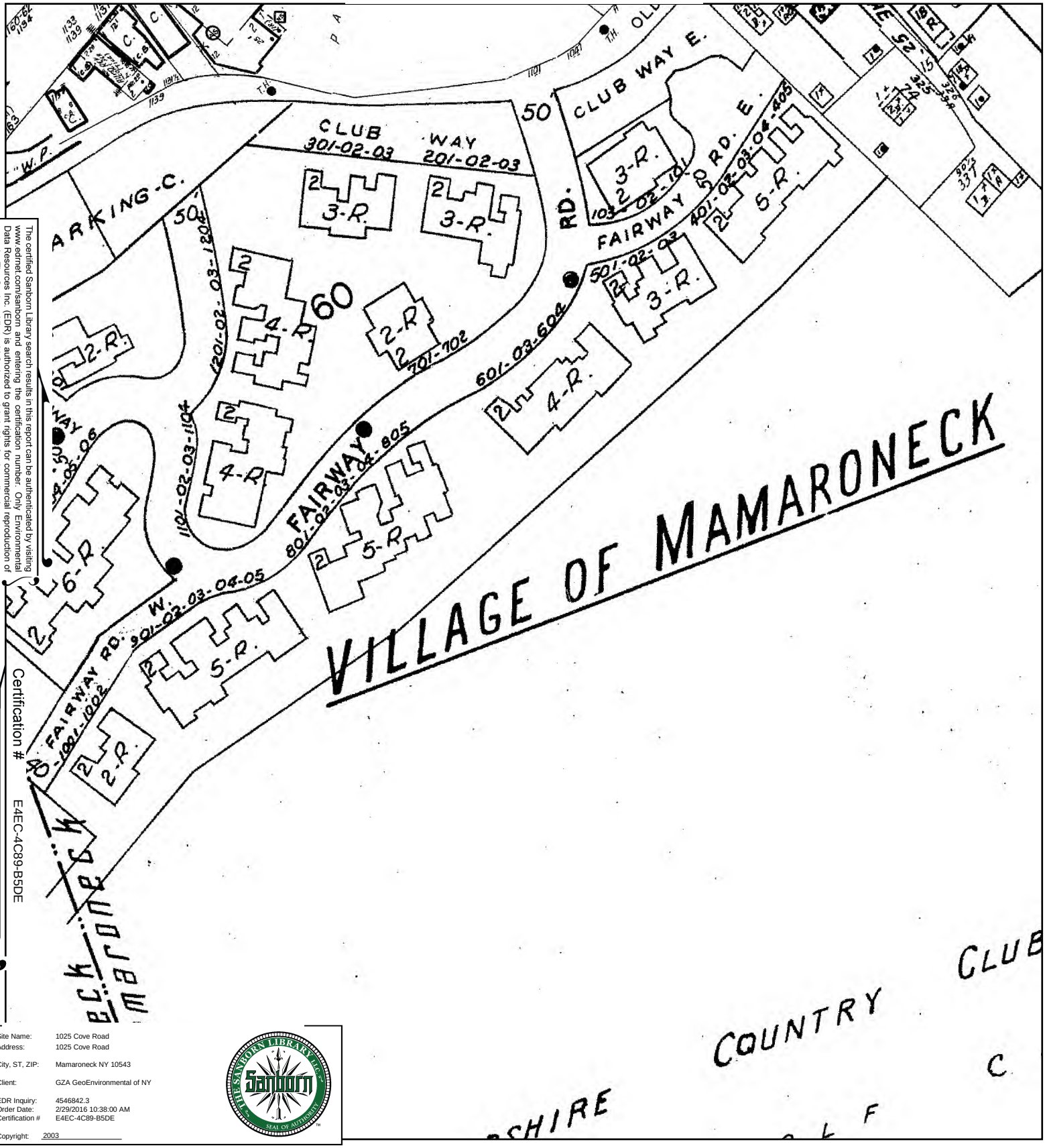


Volume 1, Sheet 35

1919 Source Sheets

Volume 1, Sheet 33

2003 Certified Sanborn Map



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Site Name:	1025 Cove Road
Address:	1025 Cove Road
City, ST, ZIP:	Mamaroneck NY 10543
Client:	GZA GeoEnvironmental of NY
EDR Inquiry:	4546842.3
Order Date:	2/29/2016 10:38:00 AM
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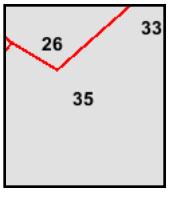

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0 Feet 165 330 660

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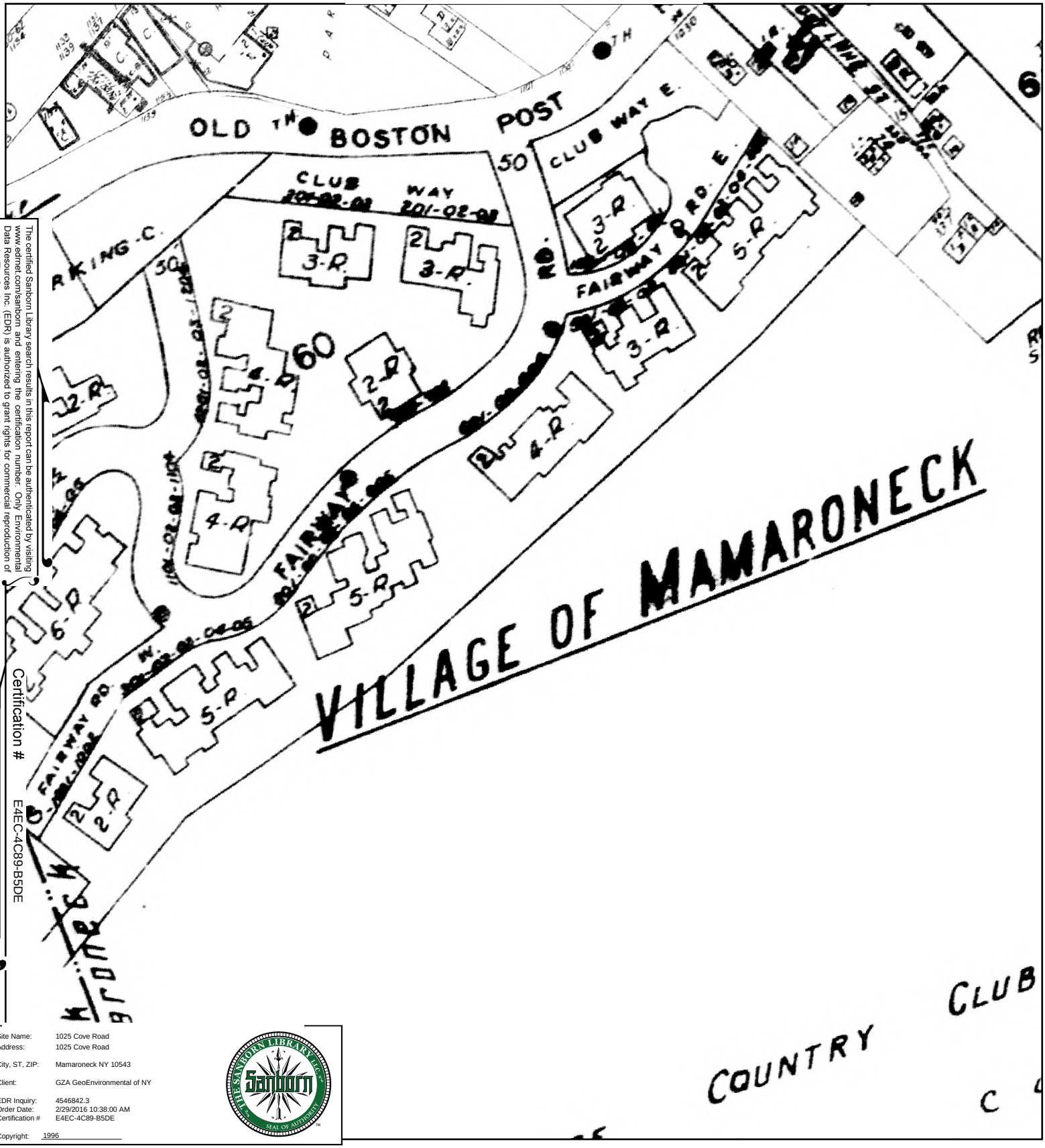
1996 Certified Sanborn Map



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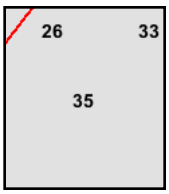

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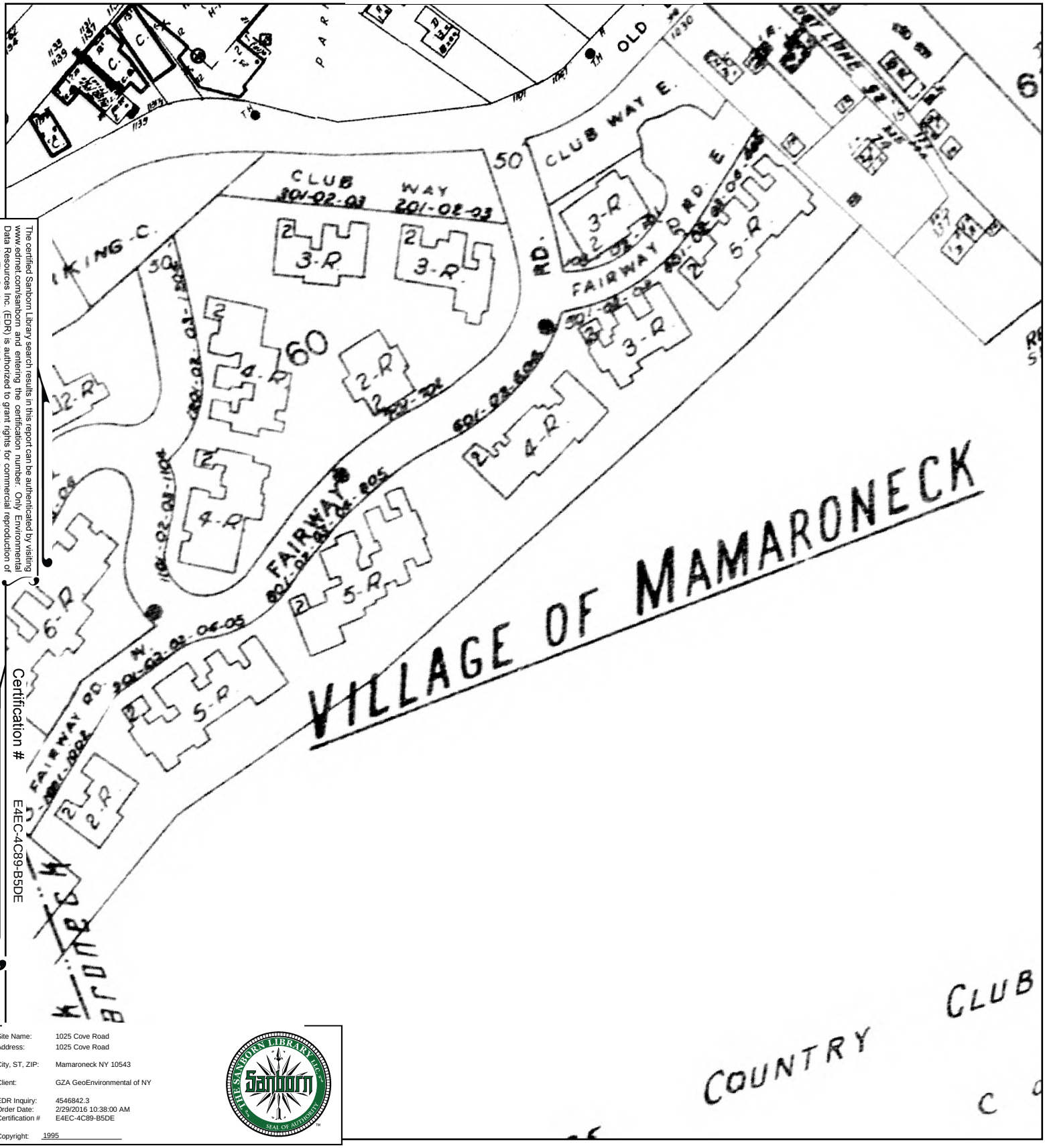

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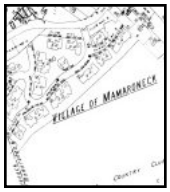

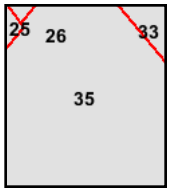

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0 Feet 165 330 660

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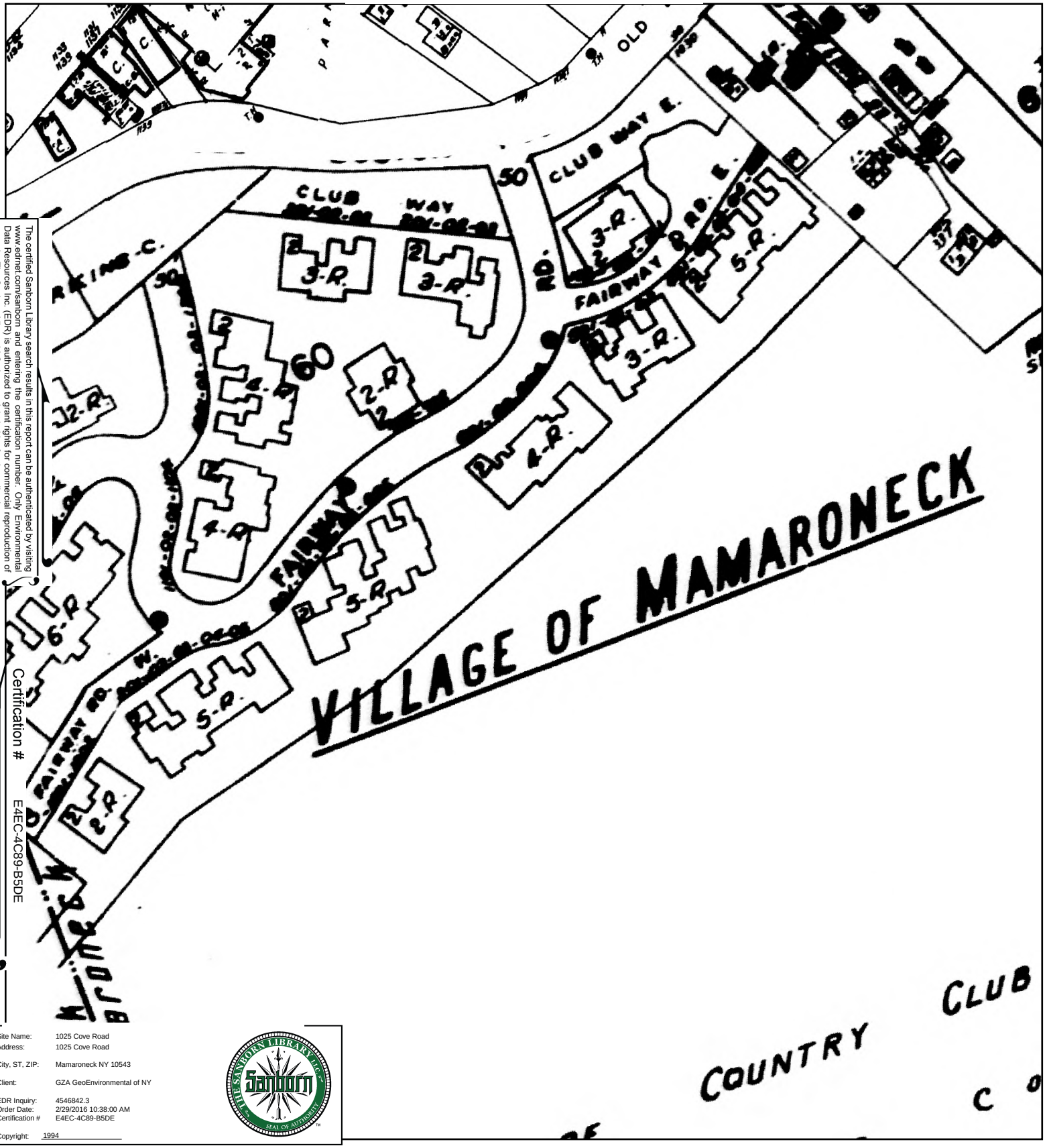

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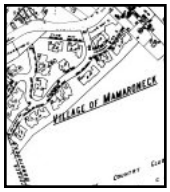

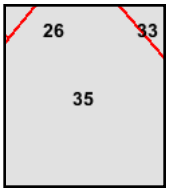

Volume 1, Sheet 26
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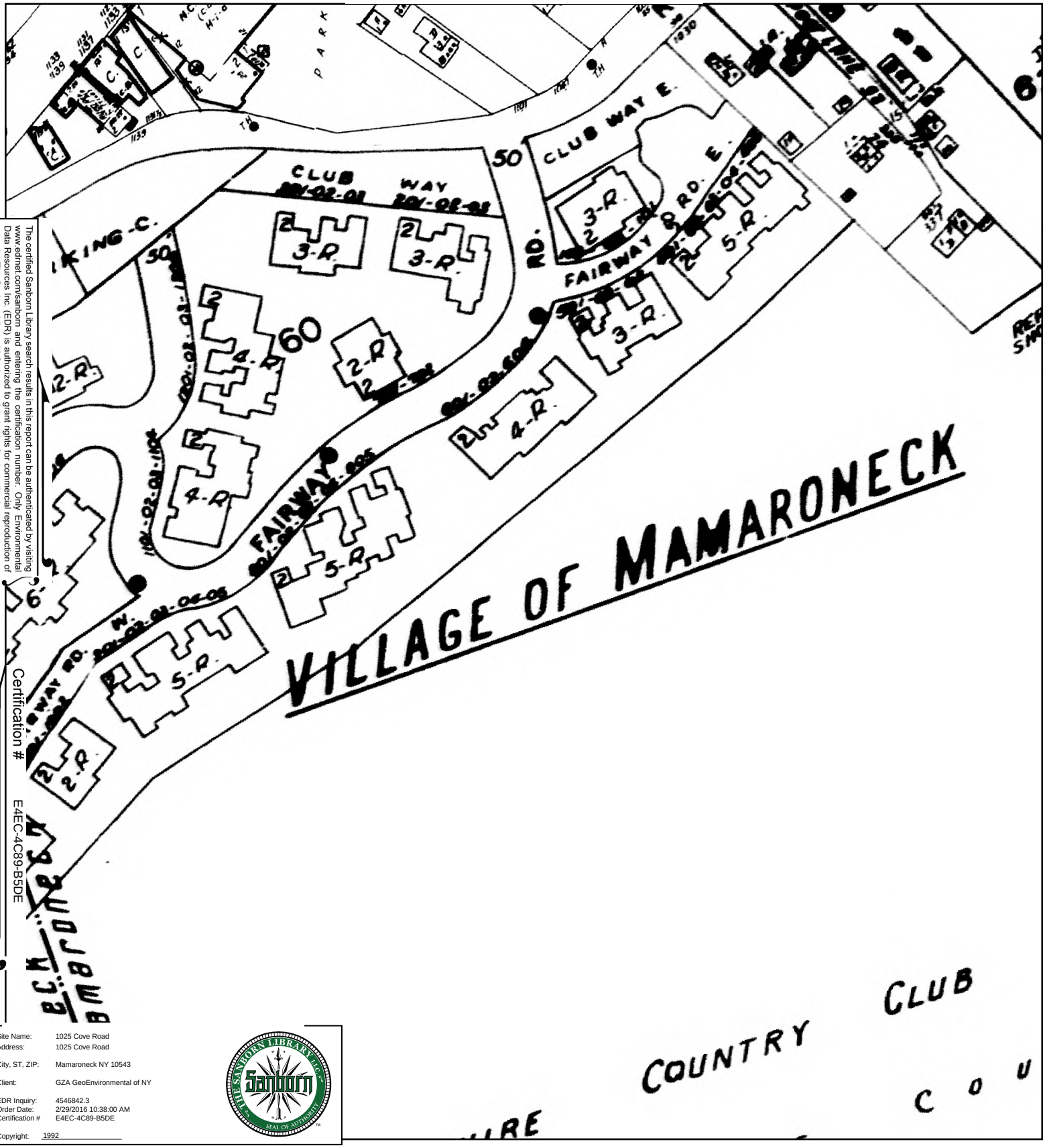
0 Feet 165 330 660

N

1992 Certified Sanborn Map



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City, ST, ZIP: Mamaroneck NY 10543

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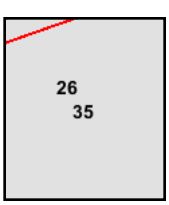

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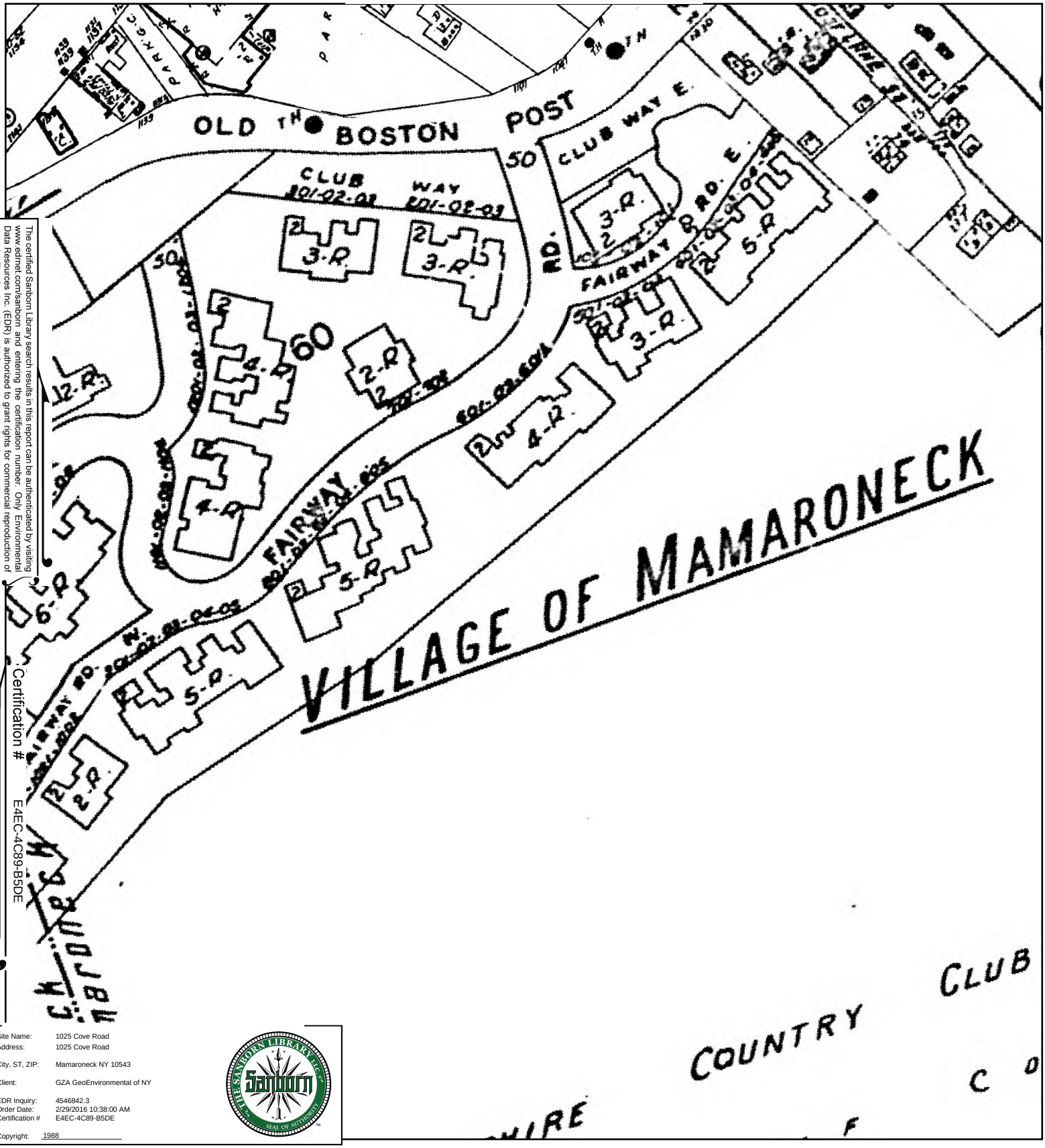
0 Feet 165 330 660

N

1988 Certified Sanborn Map



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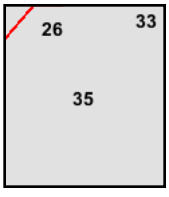

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0 Feet 165 330 660

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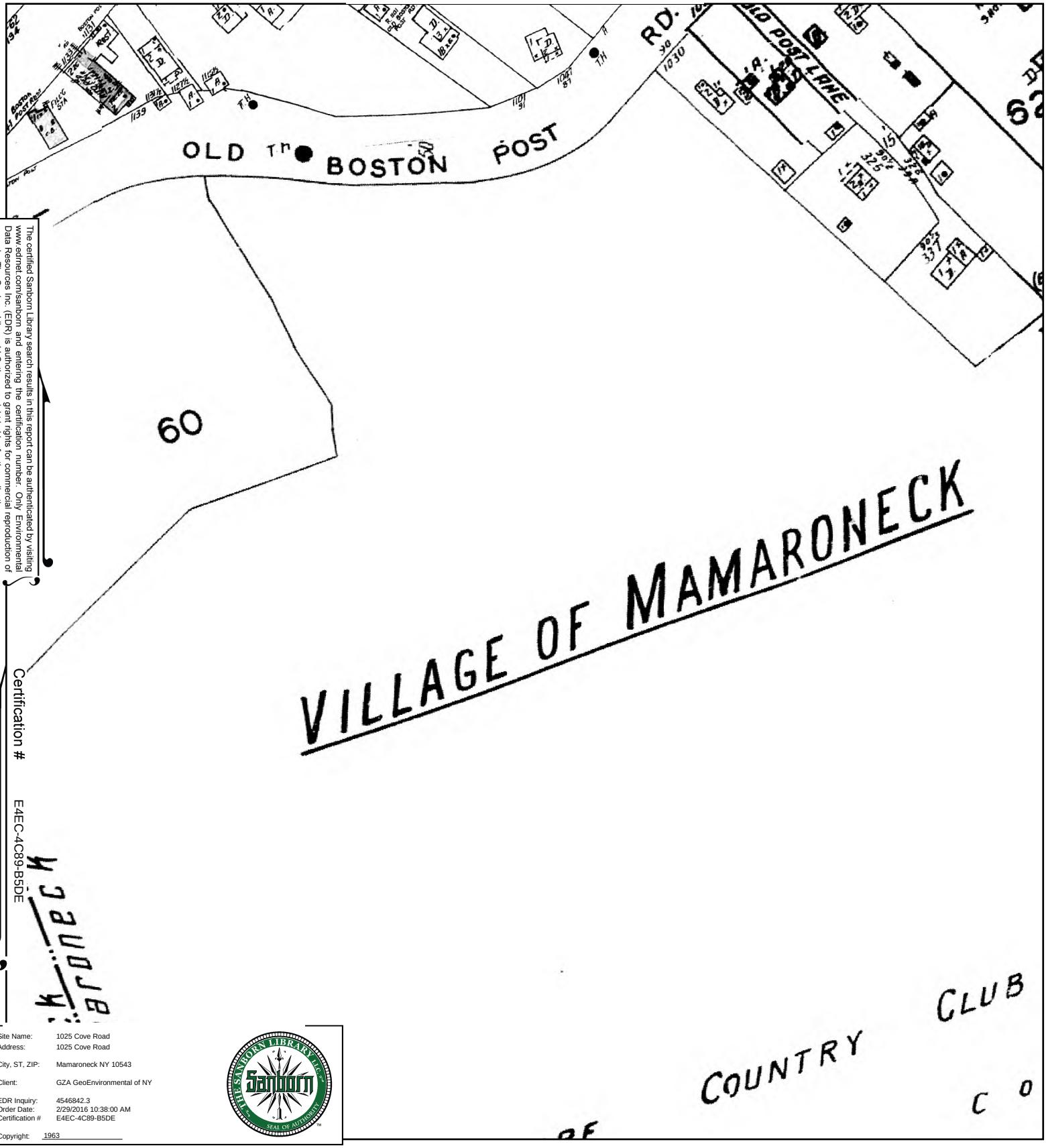
1963 Certified Sanborn Map



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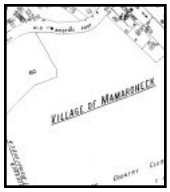

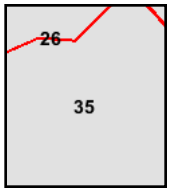

Volume 1, Sheet 26
Volume 1, Sheet 35

0 Feet 165 330 660

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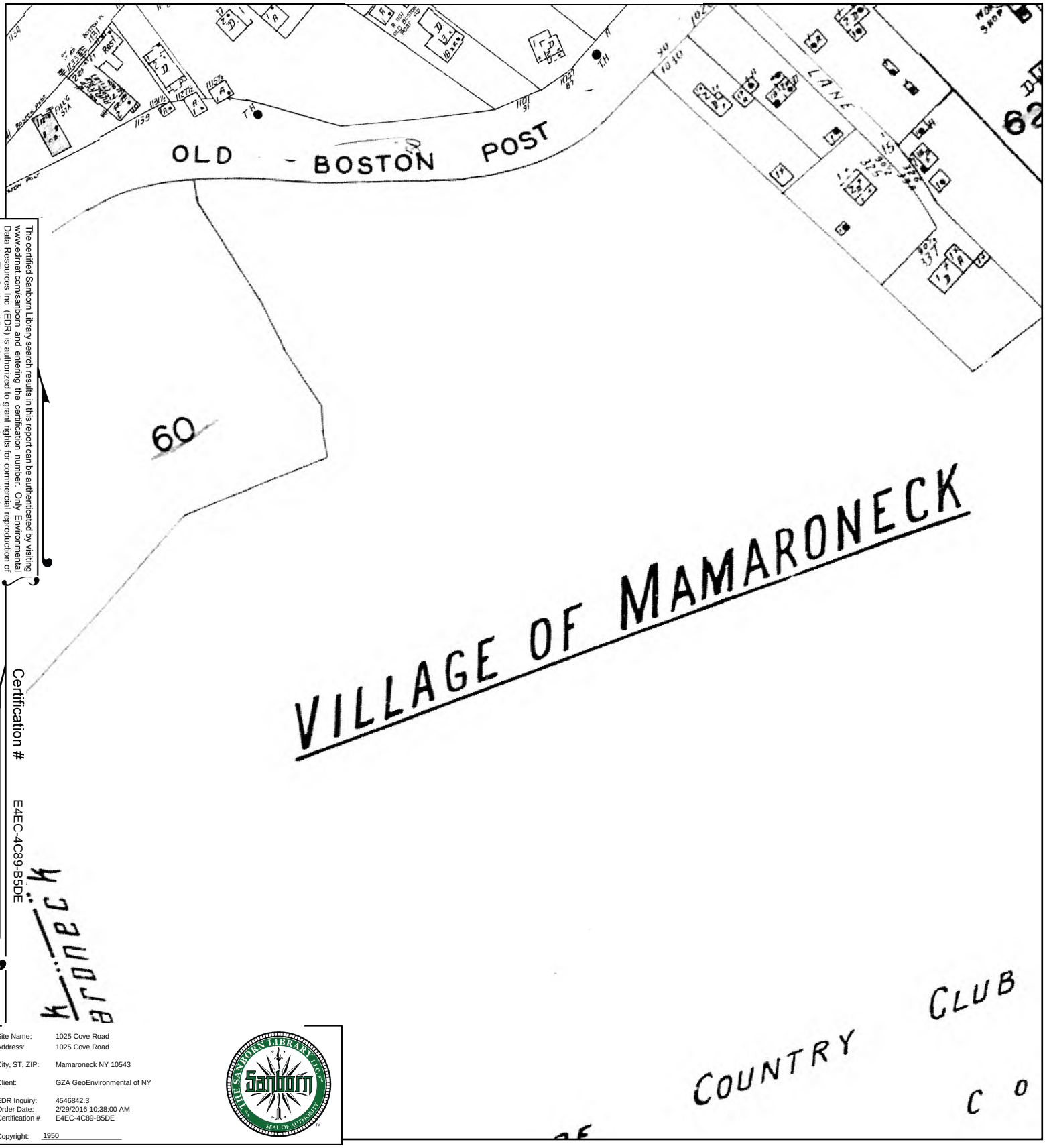

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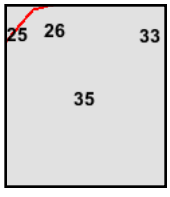

Volume 1, Sheet 26
Volume 1, Sheet 35

0 Feet 165 330 660

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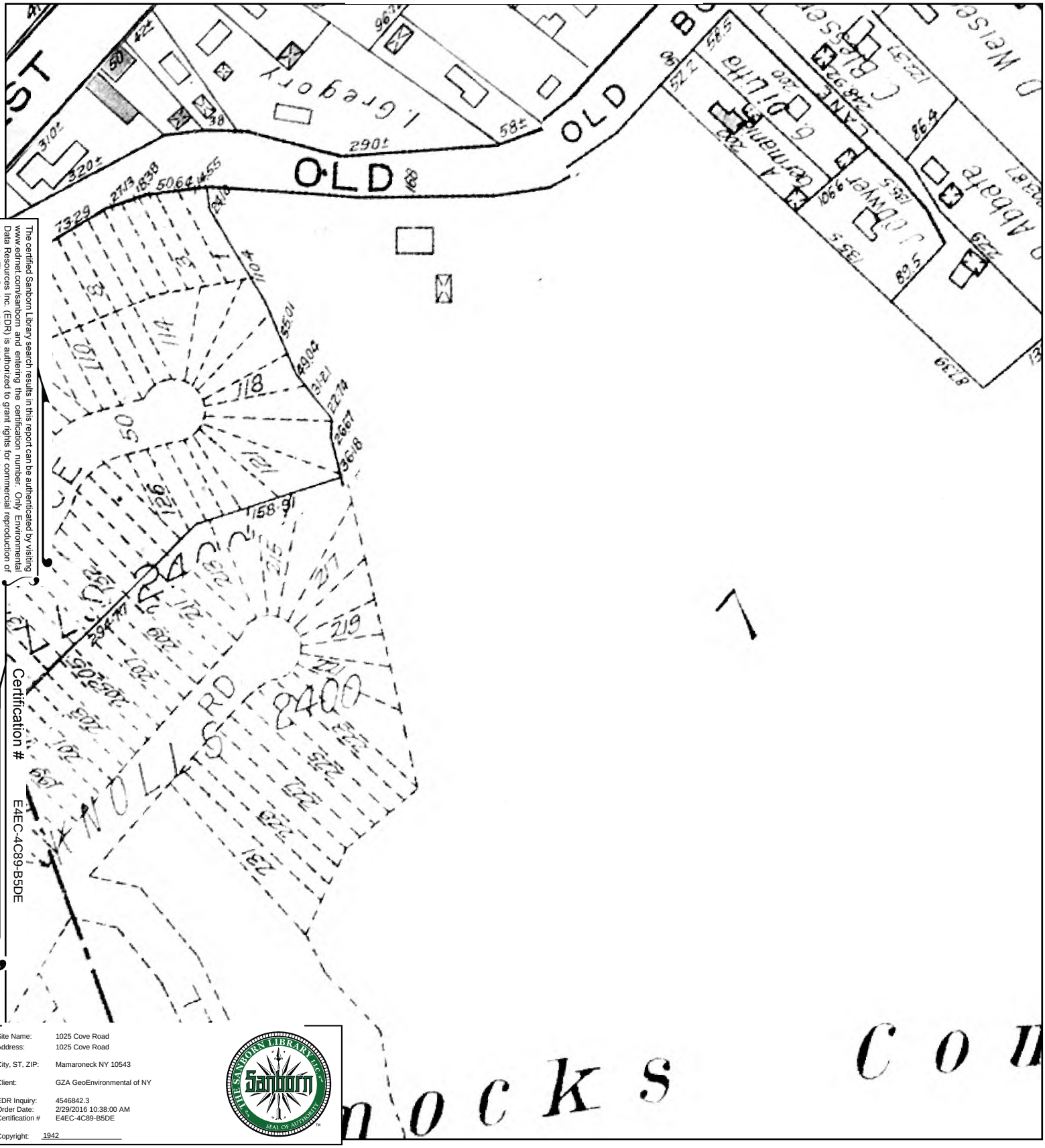

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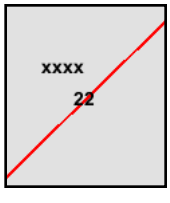

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Volume 1, Sheet 22

0 Feet 165 330 660

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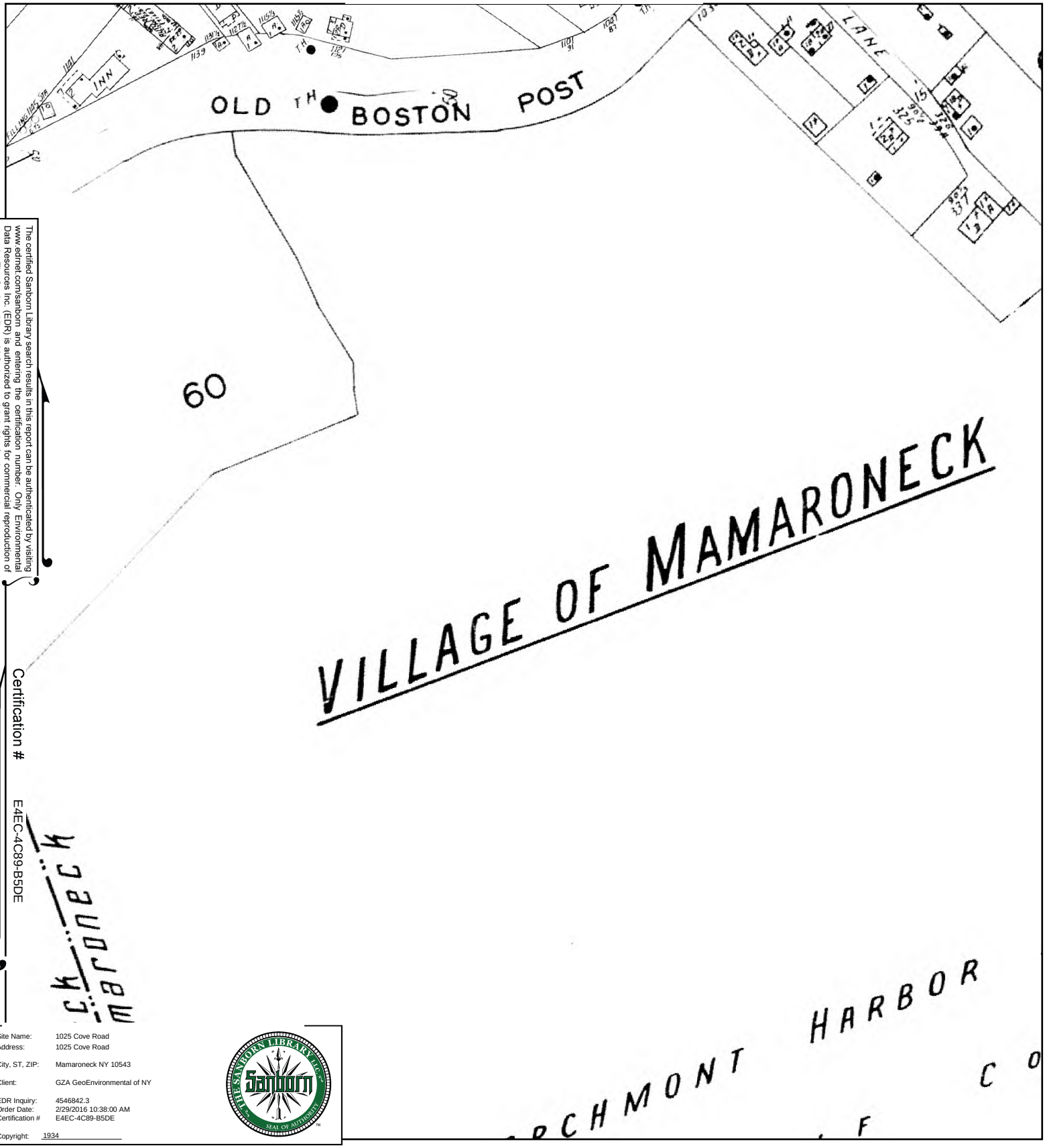
1934 Certified Sanborn Map



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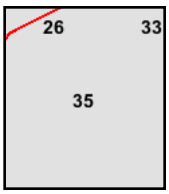

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Volume 1, Sheet 35

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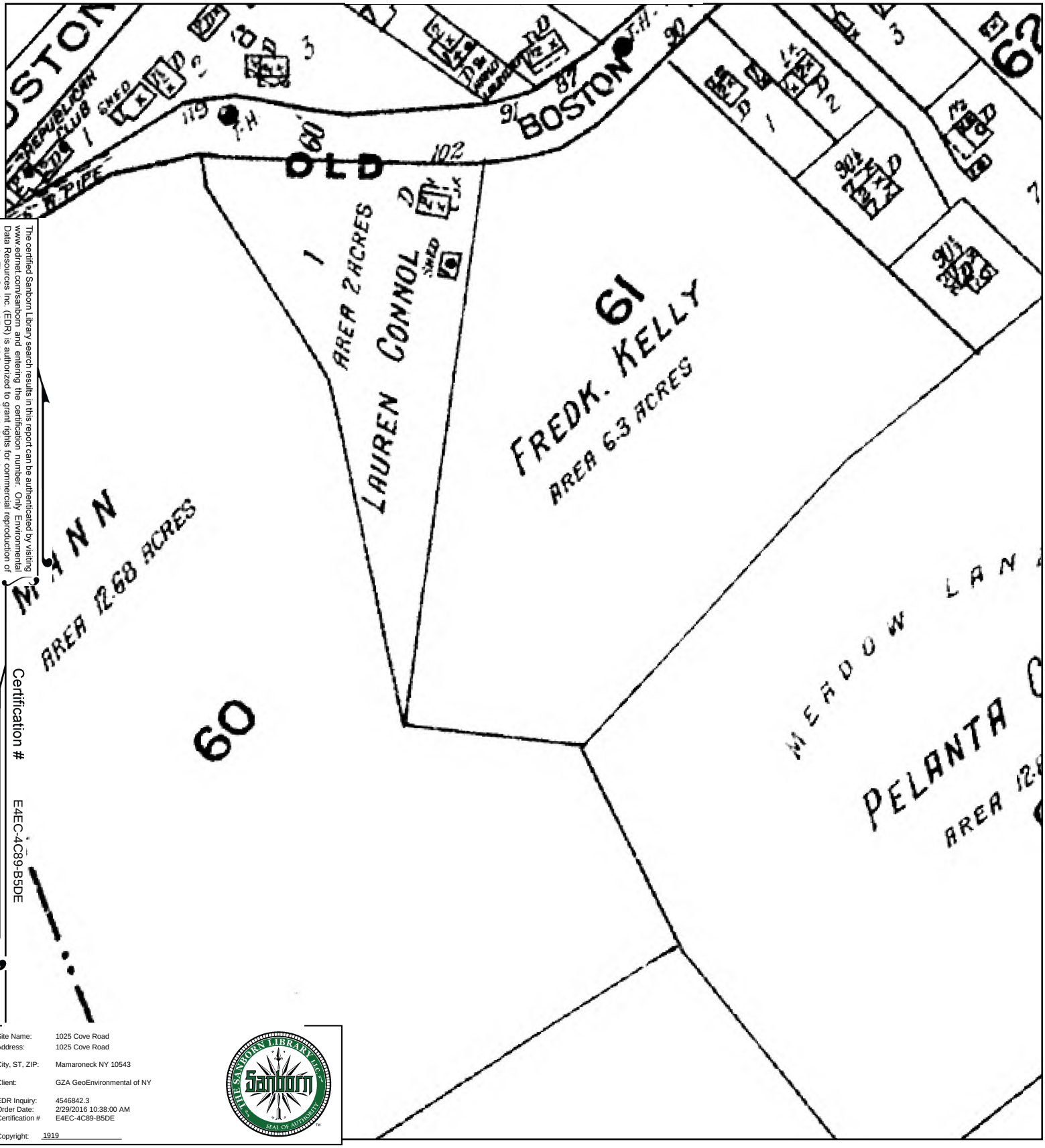

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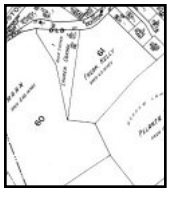

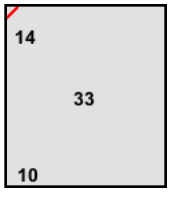

Volume 1, Sheet 33

N

1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.3
February 29, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/29/16

Site Name:
1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Client Name:
GZA GeoEnvironmental of NY
104 West 29th St
New York, NY 10001

EDR Inquiry # 4546842.3

Contact: RAHUL BHATIA

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GZA GeoEnvironmental of NY were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, State, Zip: Mamaroneck, NY 10543
Cross Street:
P.O. # 41.0162403.00
Project: 41.0162403.00
Certification # E4EC-4C89-B5DE

Maps Provided:

2003	1963
1996	1950
1995	1942
1994	1934
1992	1919
1988	

Sanborn® Library search results
Certification # E4EC-4C89-B5DE

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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Sanborn Sheet Thumbnails

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2003 Source Sheets

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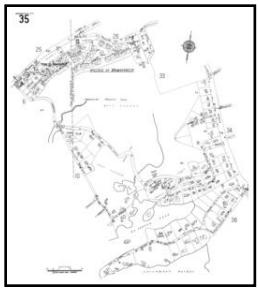


Volume 1, Sheet 35

1996 Source Sheets

Volume 1, Sheet 33

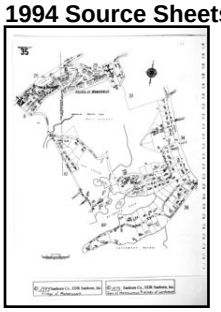
Volume 1, Sheet 35

1995 Source Sheets

Volume 1, Sheet 35

Volume 1, Sheet 33

1994 Source Sheets



Volume 1, Sheet 35

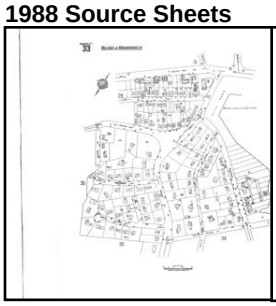
Volume 1, Sheet 33

1992 Source Sheets

Volume 1, Sheet 33

Volume 1, Sheet 35

1988 Source Sheets



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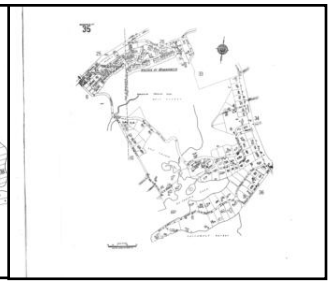

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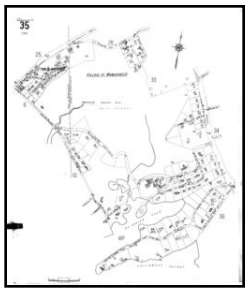
1963 Source Sheets

Volume 1, Sheet 33



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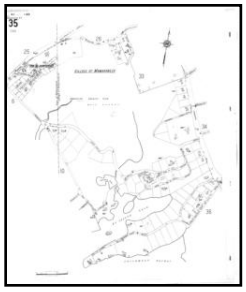
1950 Source Sheets

Volume 1, Sheet 33



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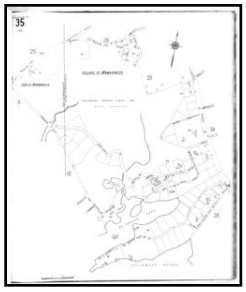
1942 Source Sheets

Volume 1, Sheet 22

1934 Source Sheets

Volume 1, Sheet 33



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1919 Source Sheets

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CLUB

R S E

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
EDR Inquiry: 4546842.3
Order Date: 2/29/2016 10:38:00 AM
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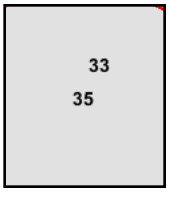

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0 Feet 165 330 660

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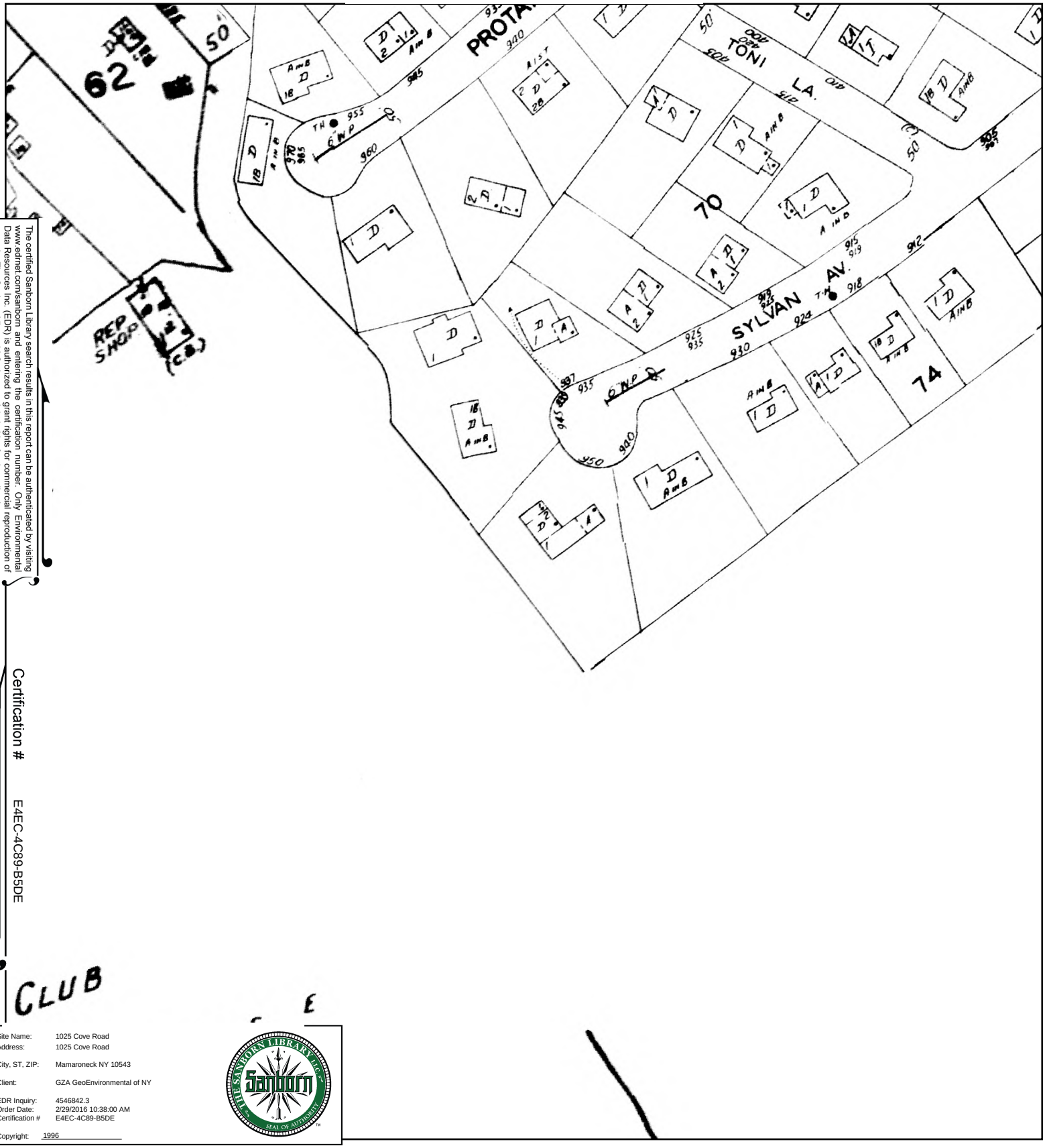

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City, ST, ZIP: Mamaroneck NY 10543

Client: GZA GeoEnvironmental of NY

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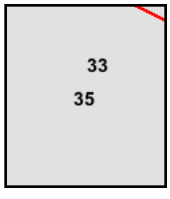

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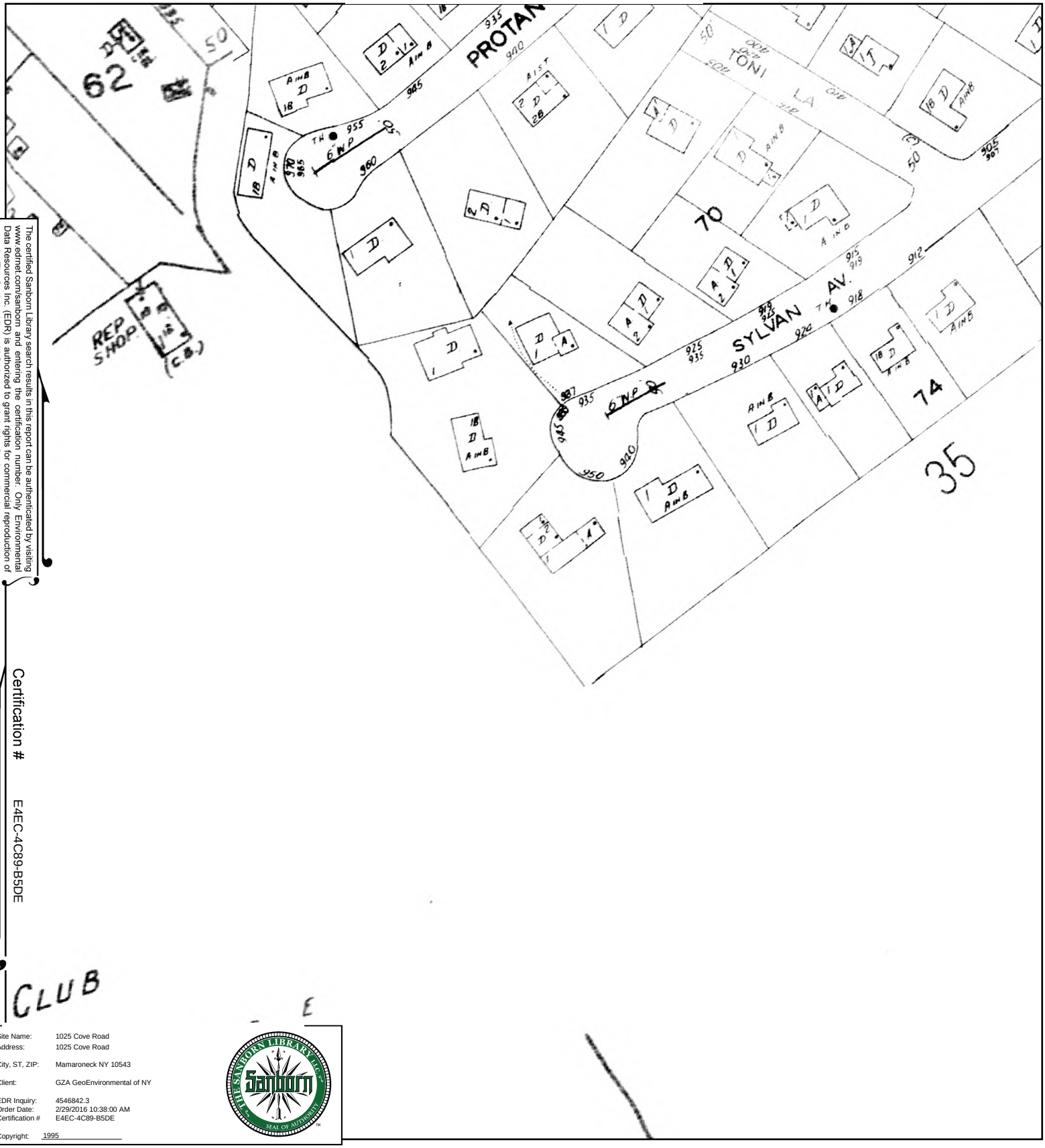

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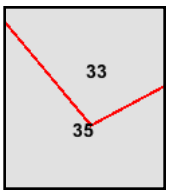

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0 Feet 165 330 660

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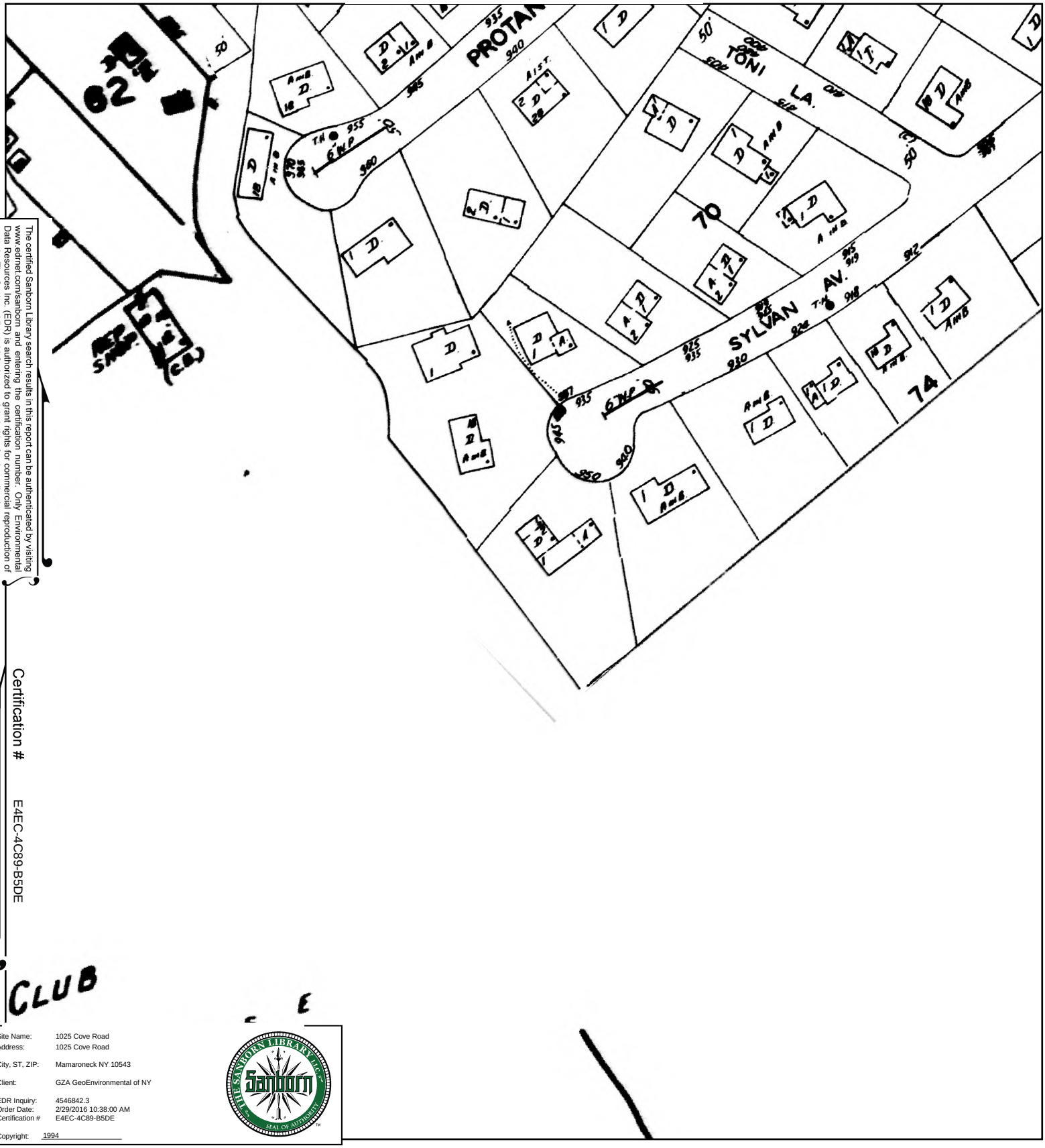

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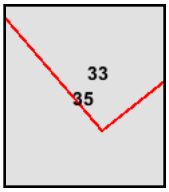

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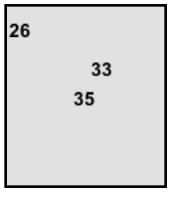

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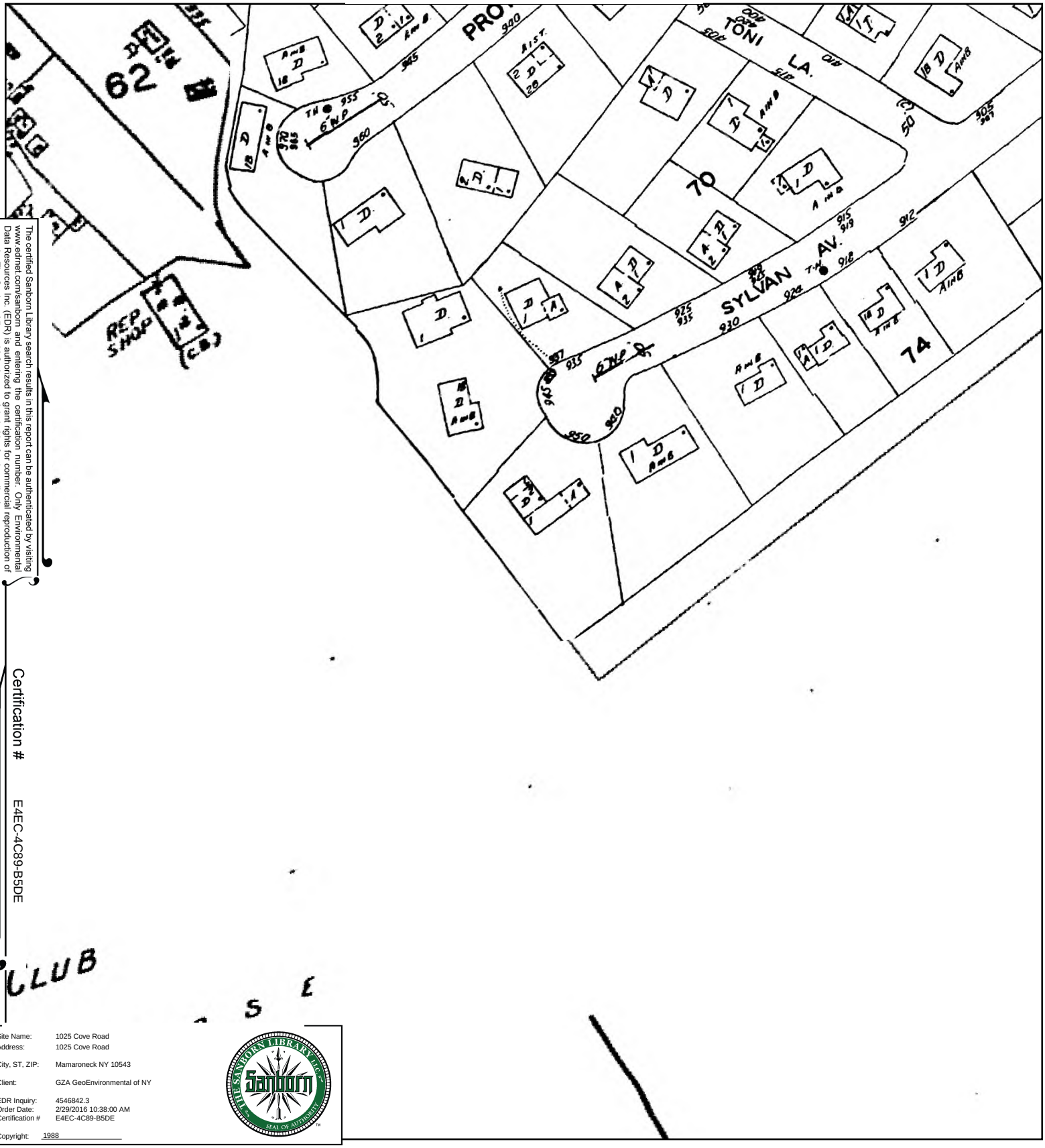

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Site Name: 1025 Cove Road
Address: 1025 Cove Road

City, ST, ZIP: Mamaroneck NY 10543

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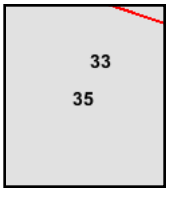

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N

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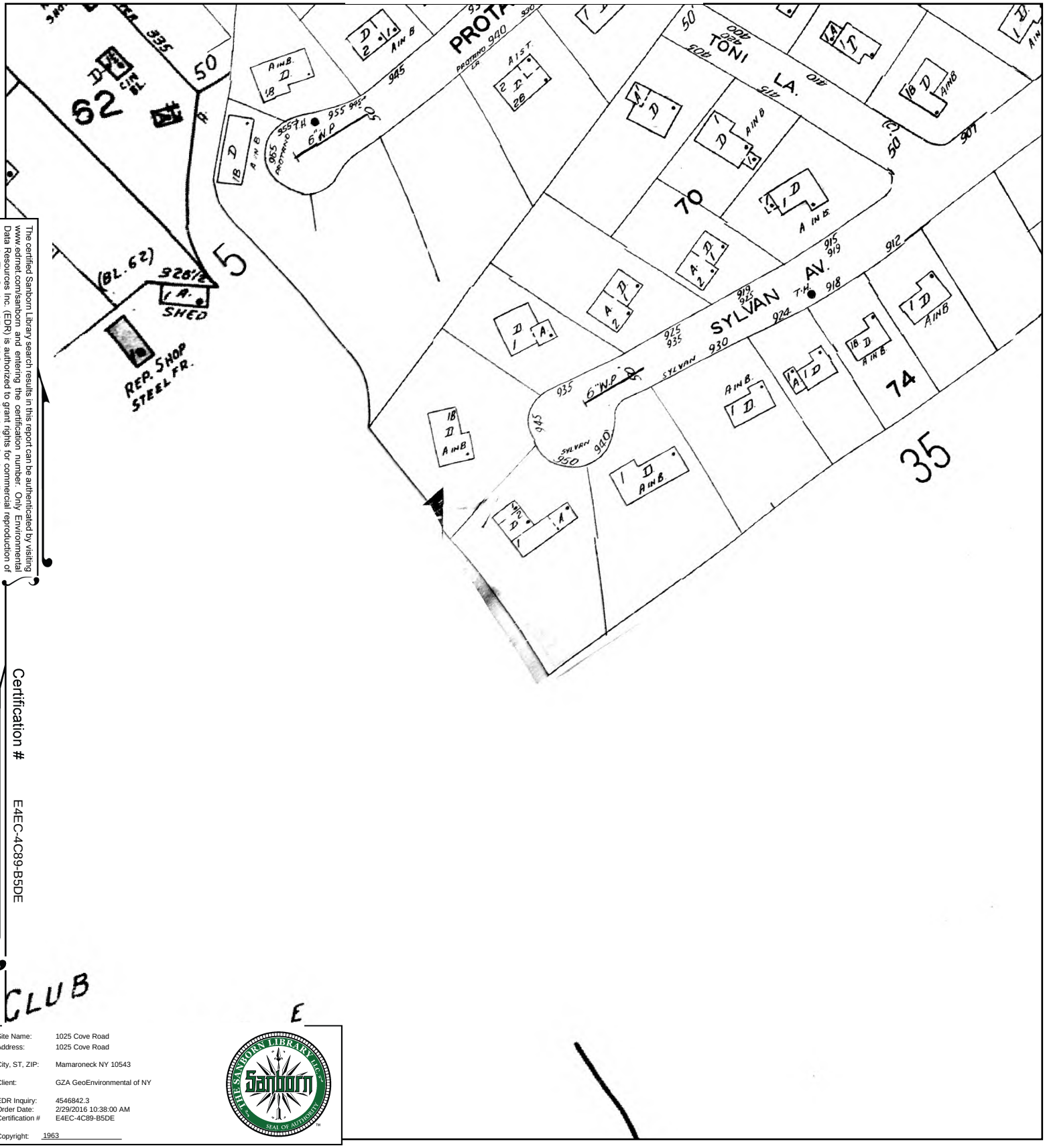

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Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
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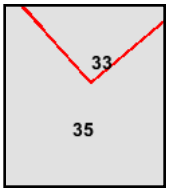

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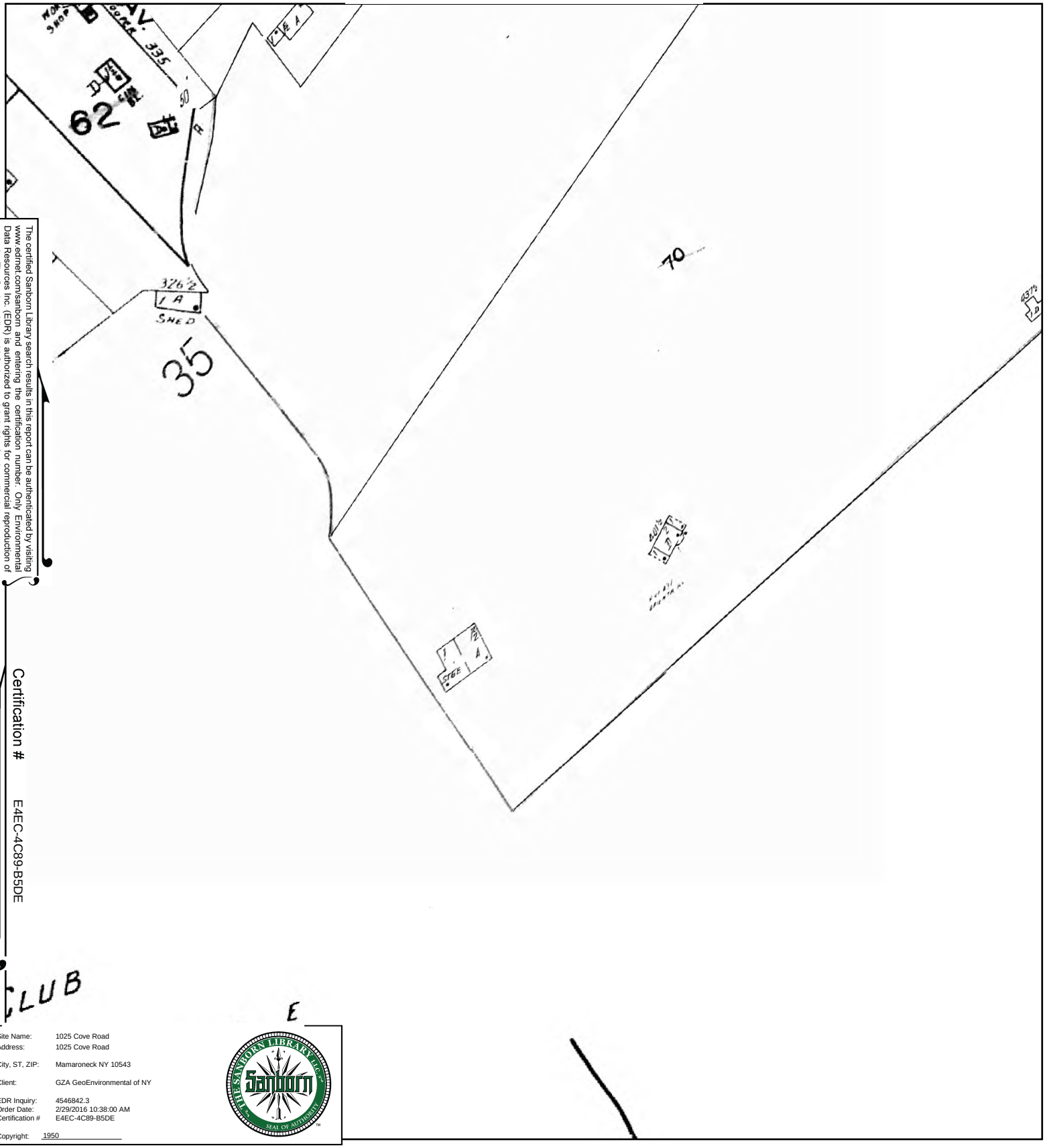

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Site Name: 1025 Cove Road
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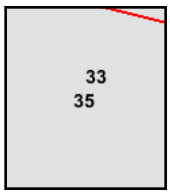

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0 Feet 165 330 660

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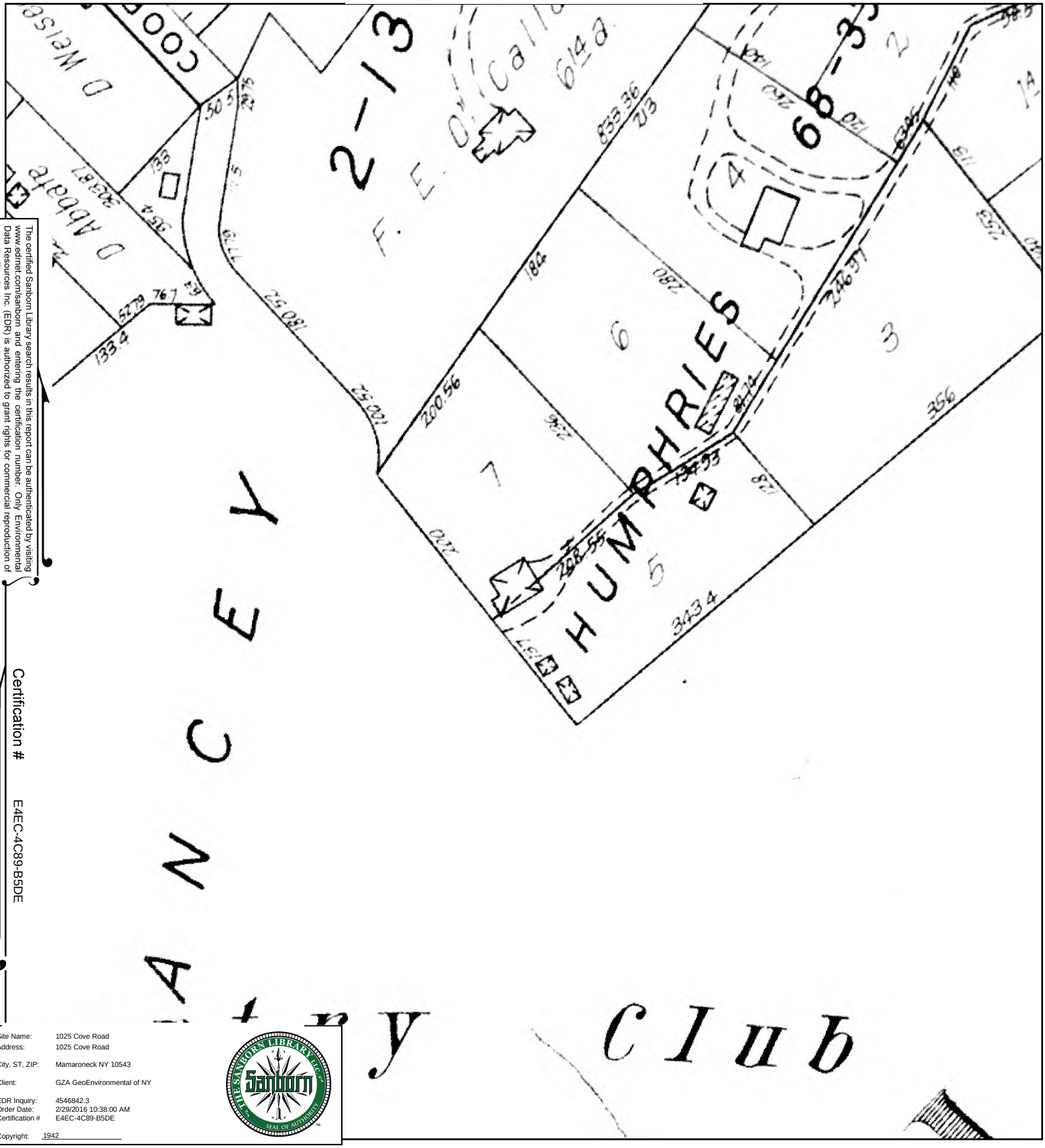

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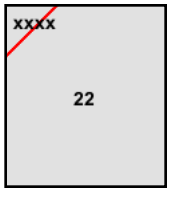

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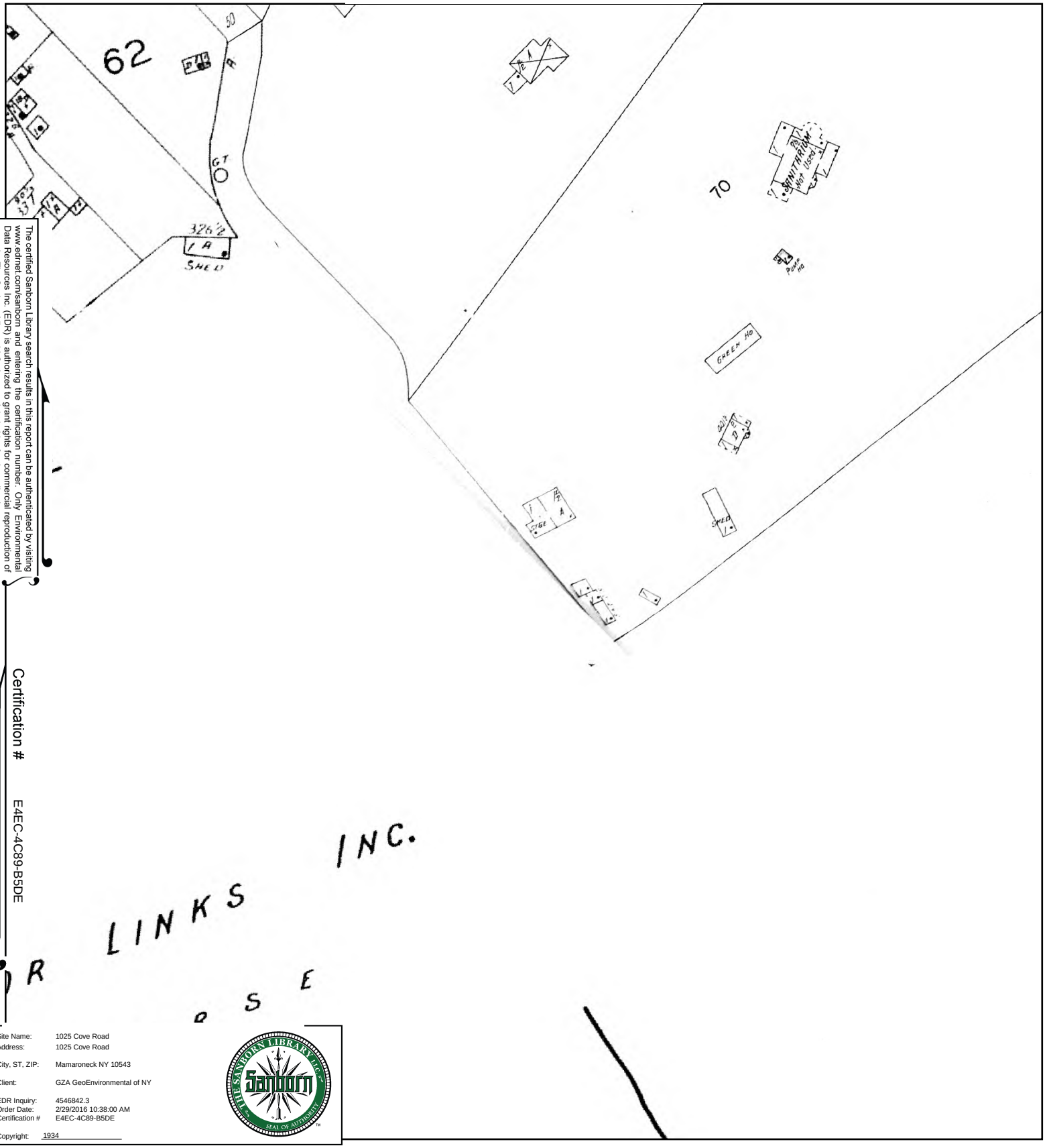

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City, ST, ZIP: Mamaroneck NY 10543
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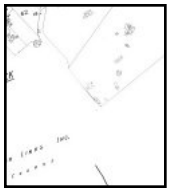

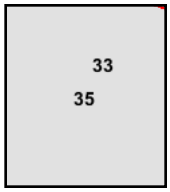

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0 Feet 165 330 660

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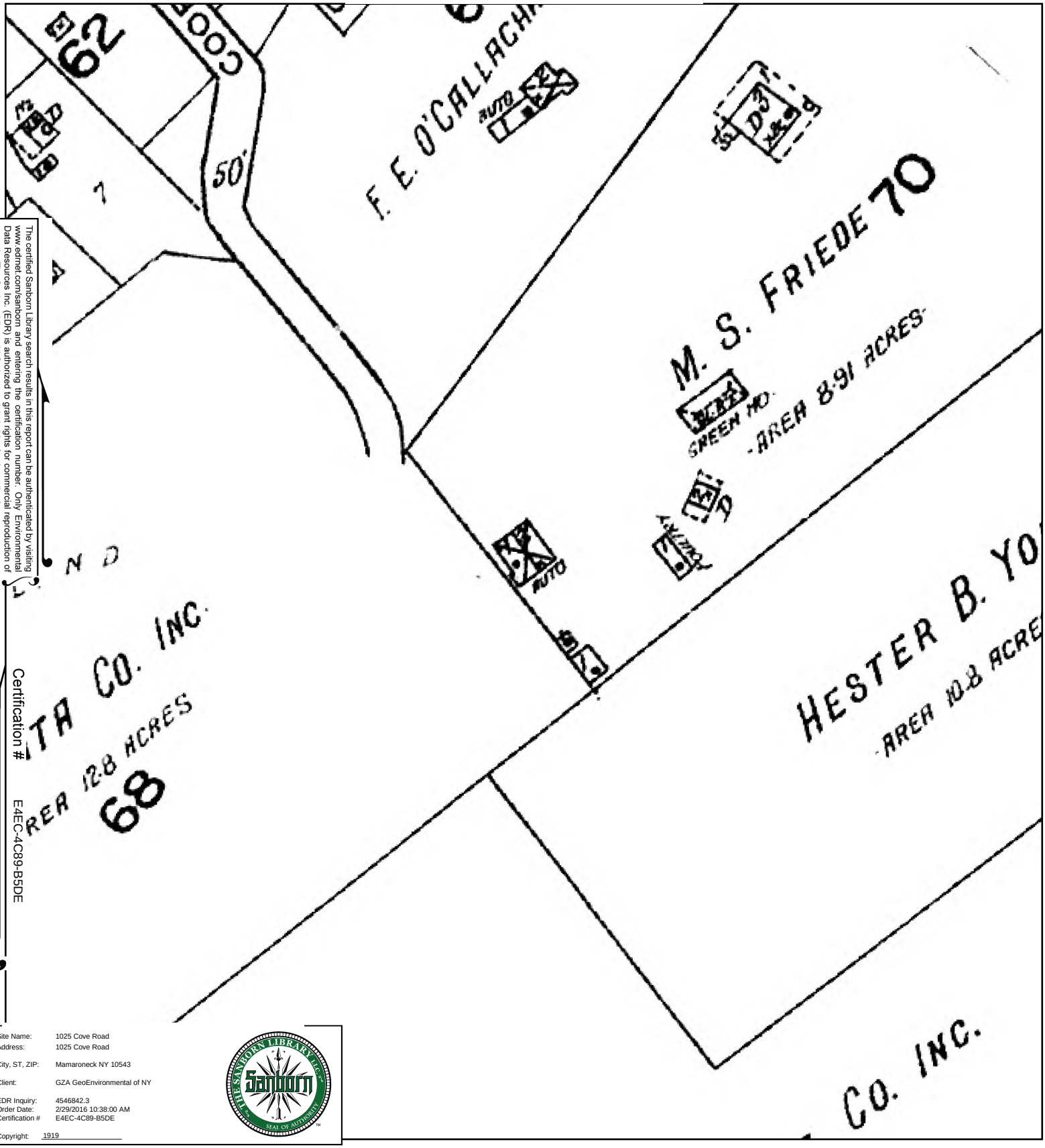

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Order Date: 2/29/2016 10:38:00 AM
Certification # E4EC-4C89-B5DE
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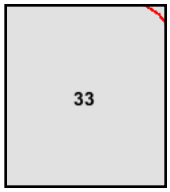

Volume 1, Sheet 33

N

1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.3
February 29, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/29/16

Site Name:
1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Client Name:
GZA GeoEnvironmental of NY
104 West 29th St
New York, NY 10001

EDR Inquiry # 4546842.3

Contact: RAHUL BHATIA

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GZA GeoEnvironmental of NY were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, State, Zip: Mamaroneck, NY 10543
Cross Street:
P.O. # 41.0162403.00
Project: 41.0162403.00
Certification # E4EC-4C89-B5DE

Maps Provided:

2003	1963
1996	1950
1995	1942
1994	1934
1992	1919
1988	

Sanborn® Library search results
Certification # E4EC-4C89-B5DE

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2003 Source Sheets

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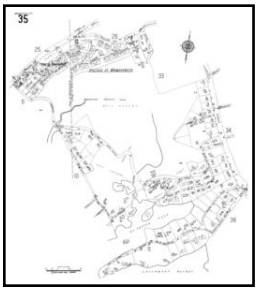
Volume 1, Sheet 34



Volume 1, Sheet 35

1996 Source Sheets

Volume 1, Sheet 33

Volume 1, Sheet 34

Volume 1, Sheet 35

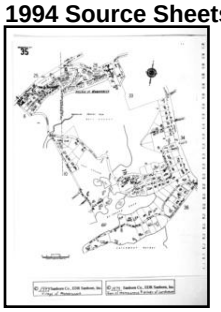
1995 Source Sheets

Volume 1, Sheet 35

Volume 1, Sheet 33

Volume 1, Sheet 34

1994 Source Sheets



Volume 1, Sheet 35

Volume 1, Sheet 33

Volume 1, Sheet 34

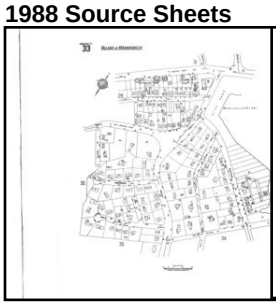
1992 Source Sheets

Volume 1, Sheet 33

Volume 1, Sheet 34

Volume 1, Sheet 35

1988 Source Sheets



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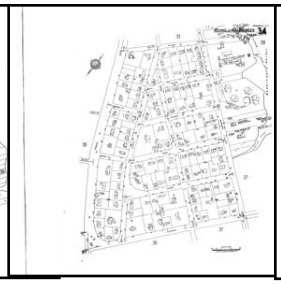

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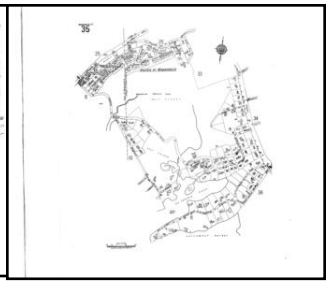

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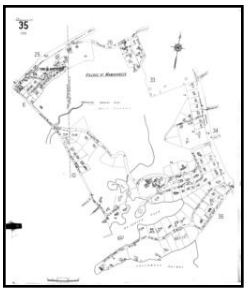
1963 Source Sheets

Volume 1, Sheet 33

Volume 1, Sheet 34

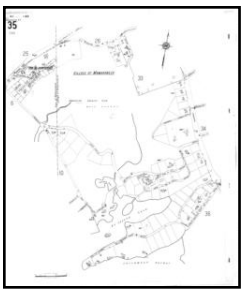


Volume 1, Sheet 35

1950 Source Sheets

Volume 1, Sheet 33

Volume 1, Sheet 34



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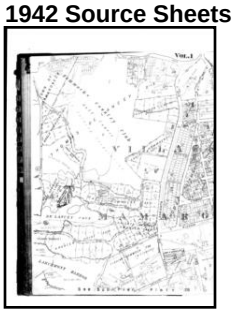
1942 Source Sheets



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1934 Source Sheets

Volume 1, Sheet 33

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Volume 1, Sheet 35

1919 Source Sheets

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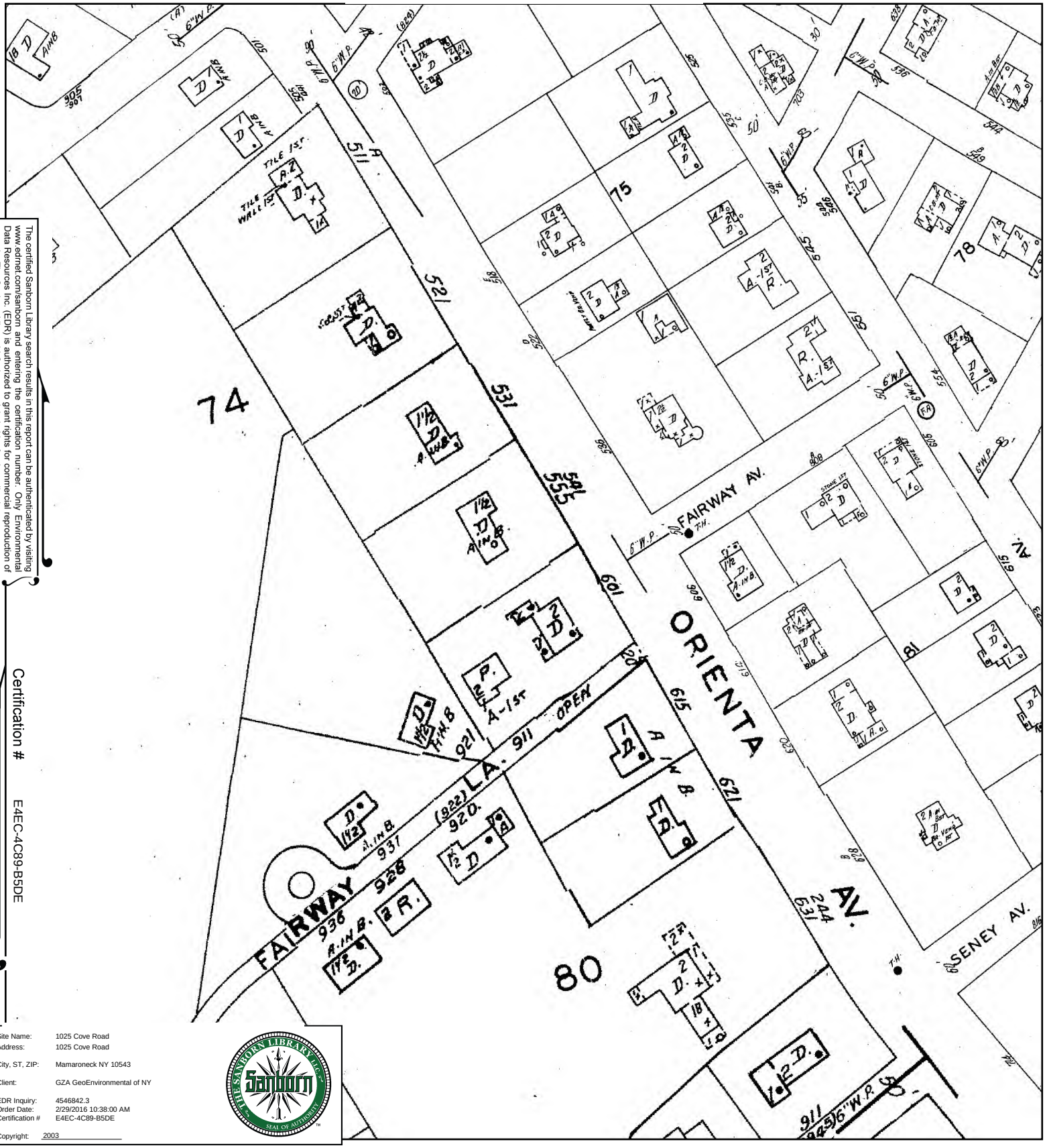
2003 Certified Sanborn Map



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Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
EDR Inquiry: 4546842.3
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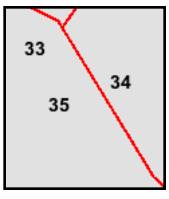

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Volume 1, Sheet 35

0 Feet 165 330 660

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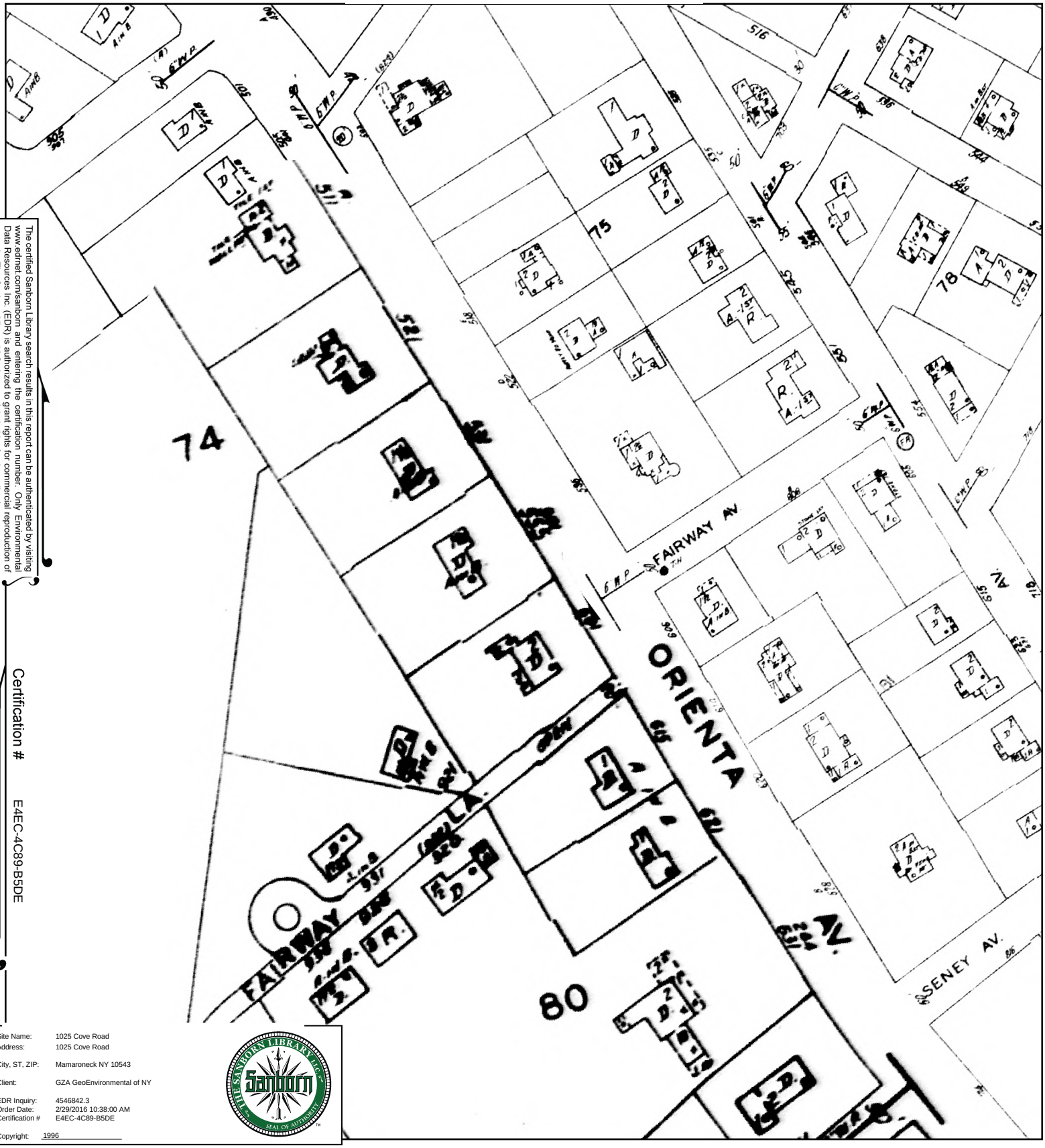
1996 Certified Sanborn Map



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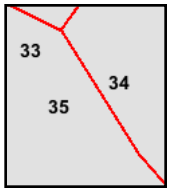

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Volume 1, Sheet 34
Volume 1, Sheet 35

0 Feet 165 330 660

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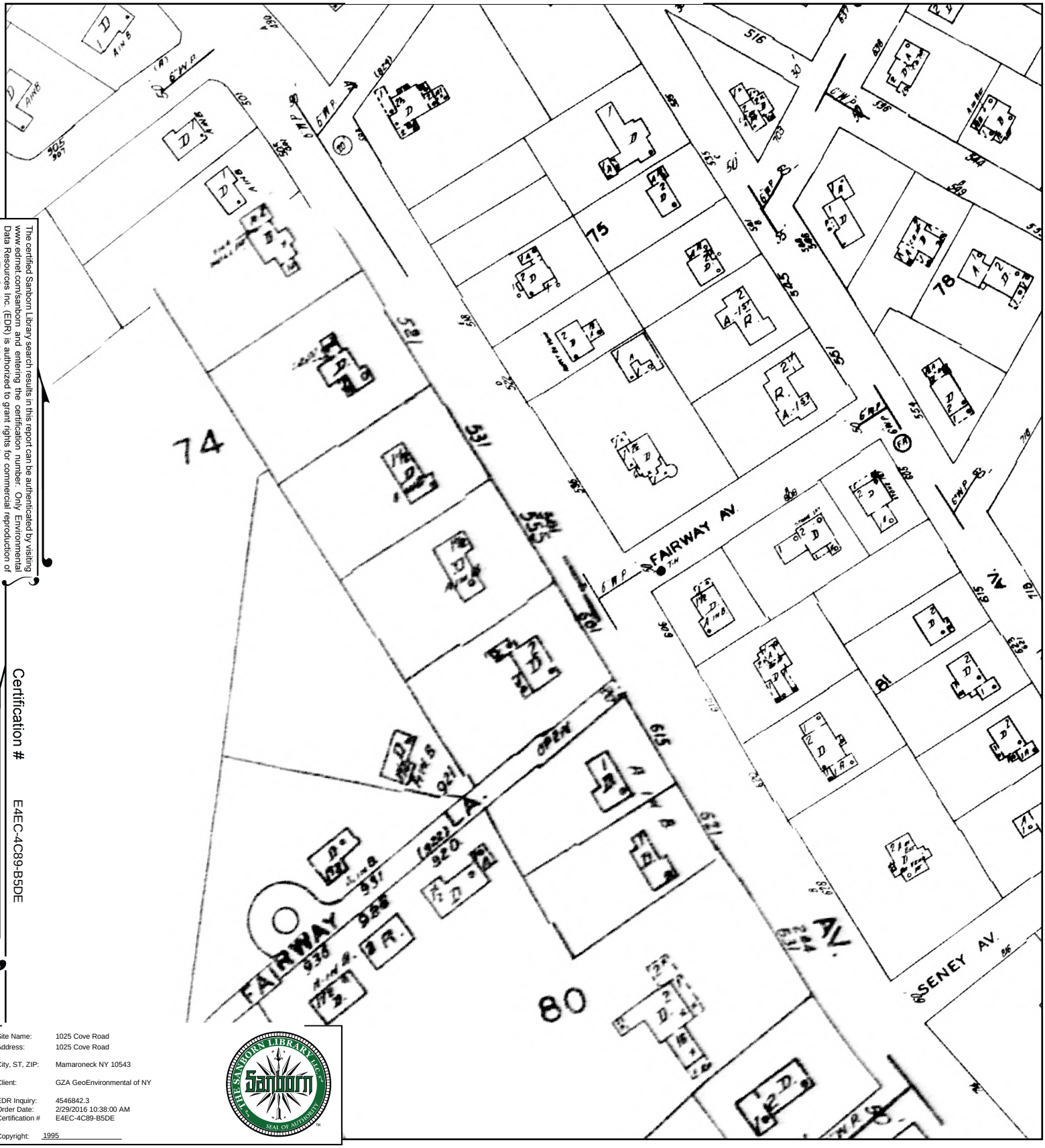

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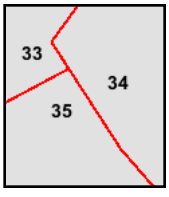

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Volume 1, Sheet 34

0 Feet 165 330 660

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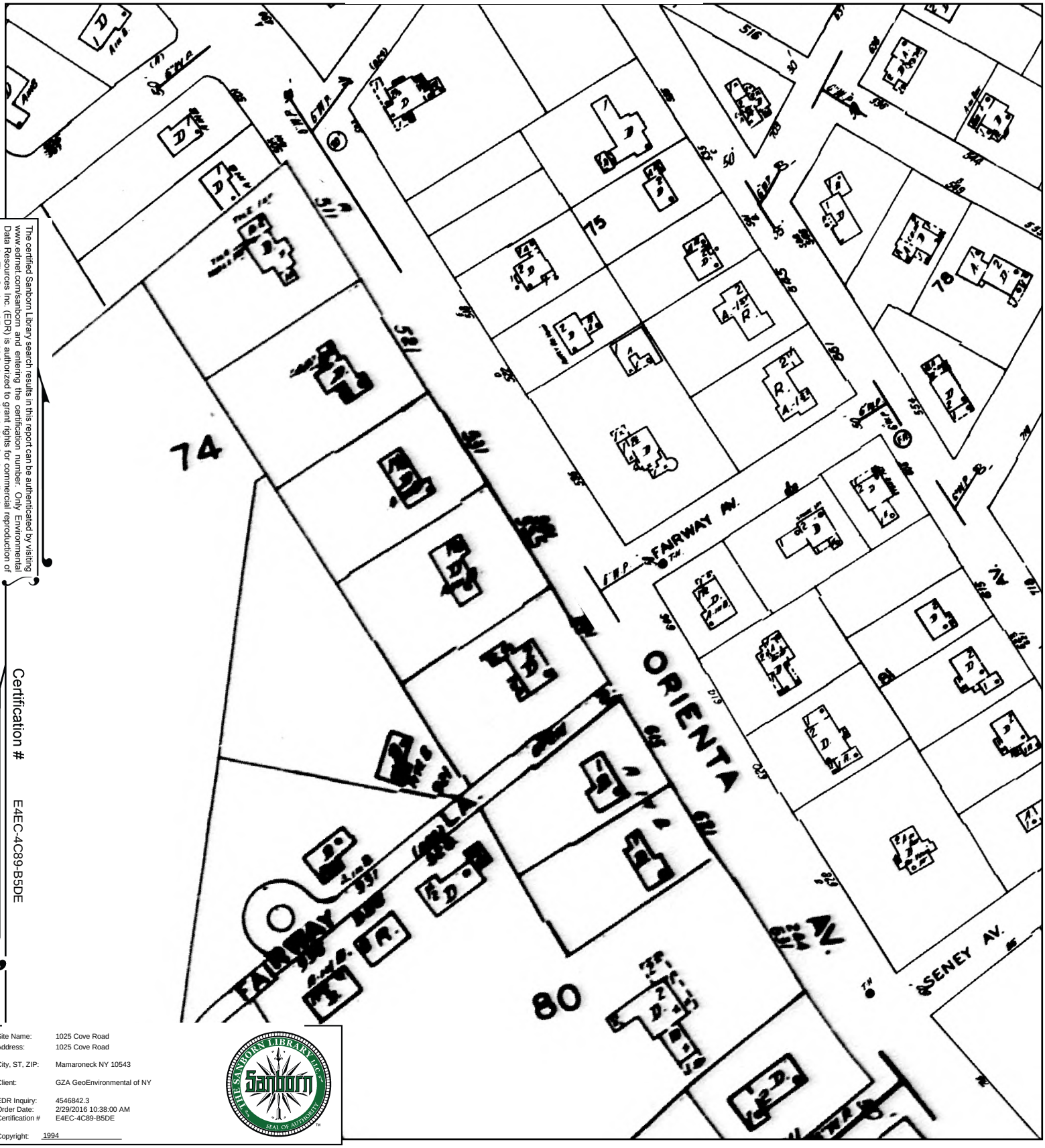
1994 Certified Sanborn Map



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City, ST, ZIP: Mamaroneck NY 10543
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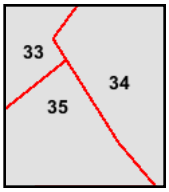

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Volume 1, Sheet 34

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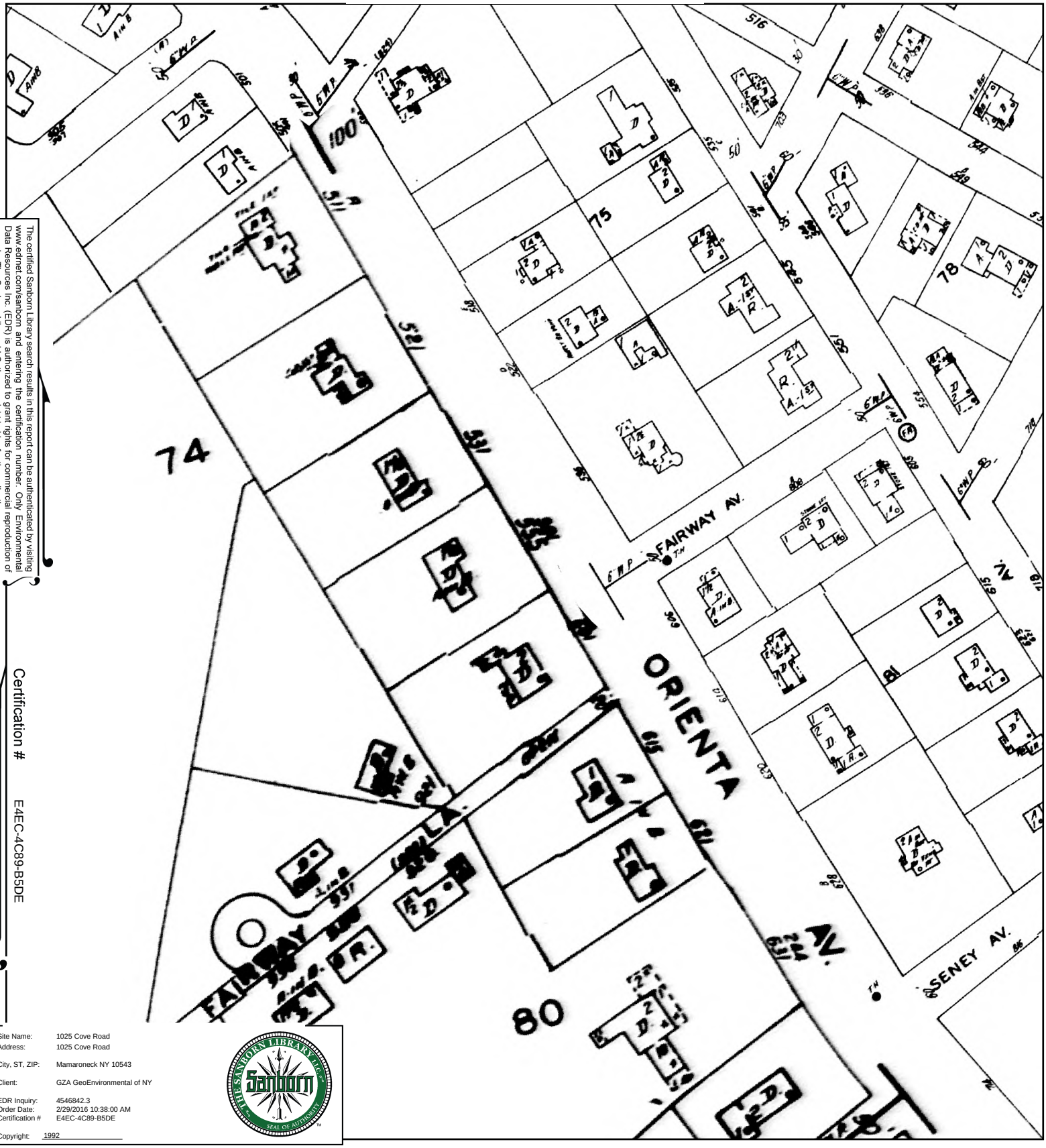

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Site Name: 1025 Cove Road
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City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
EDR Inquiry: 4546842.3
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Certification # E4EC-4C89-B5DE
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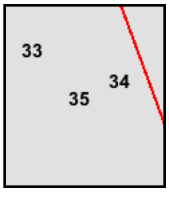

Volume 1, Sheet 33
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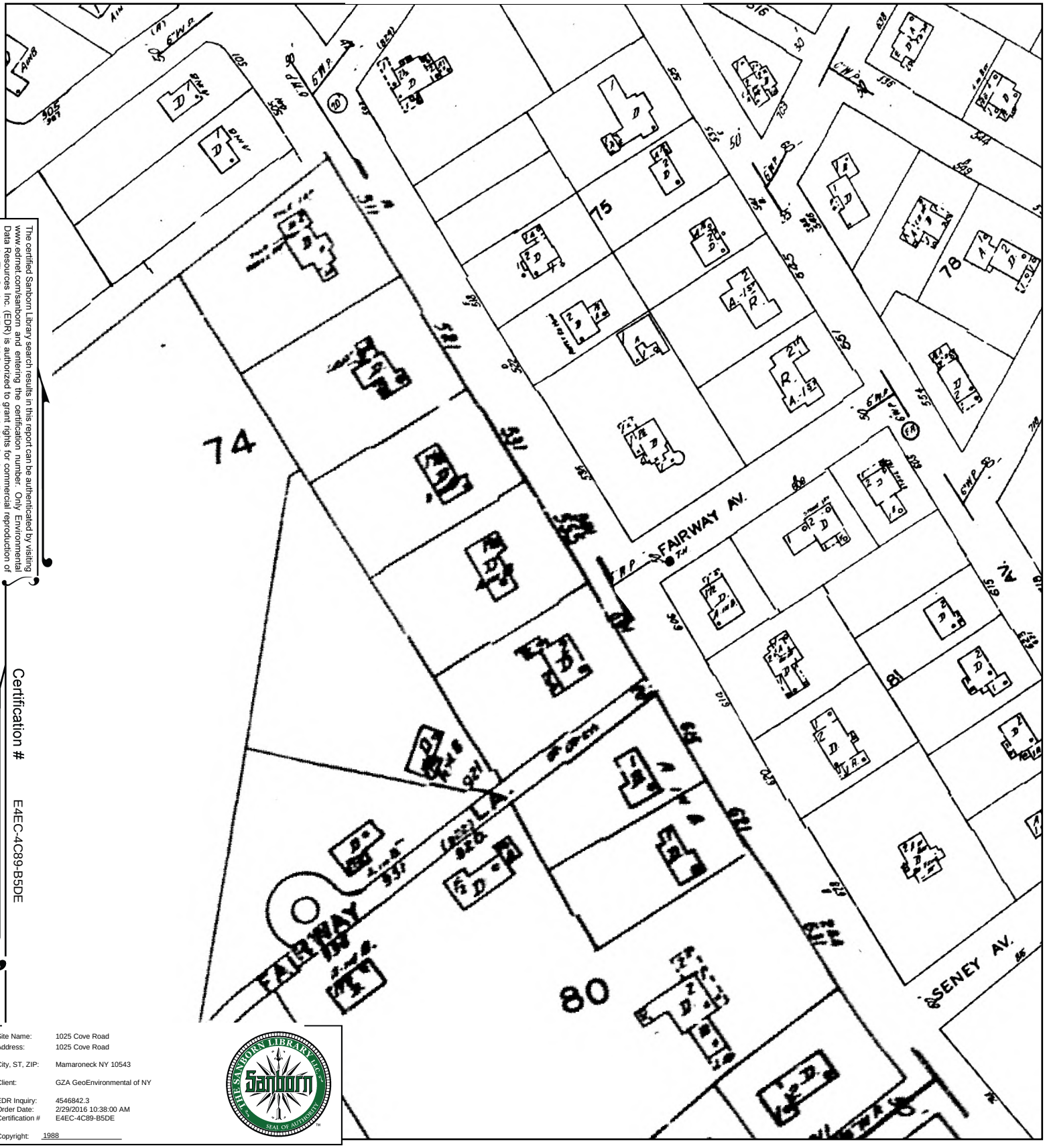
1988 Certified Sanborn Map



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Site Name: 1025 Cove Road
Address: 1025 Cove Road

City, ST, ZIP: Mamaroneck NY 10543

Client: GZA GeoEnvironmental of NY

EDR Inquiry: 4546842.3
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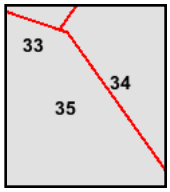

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Volume 1, Sheet 35

0 Feet 165 330 660

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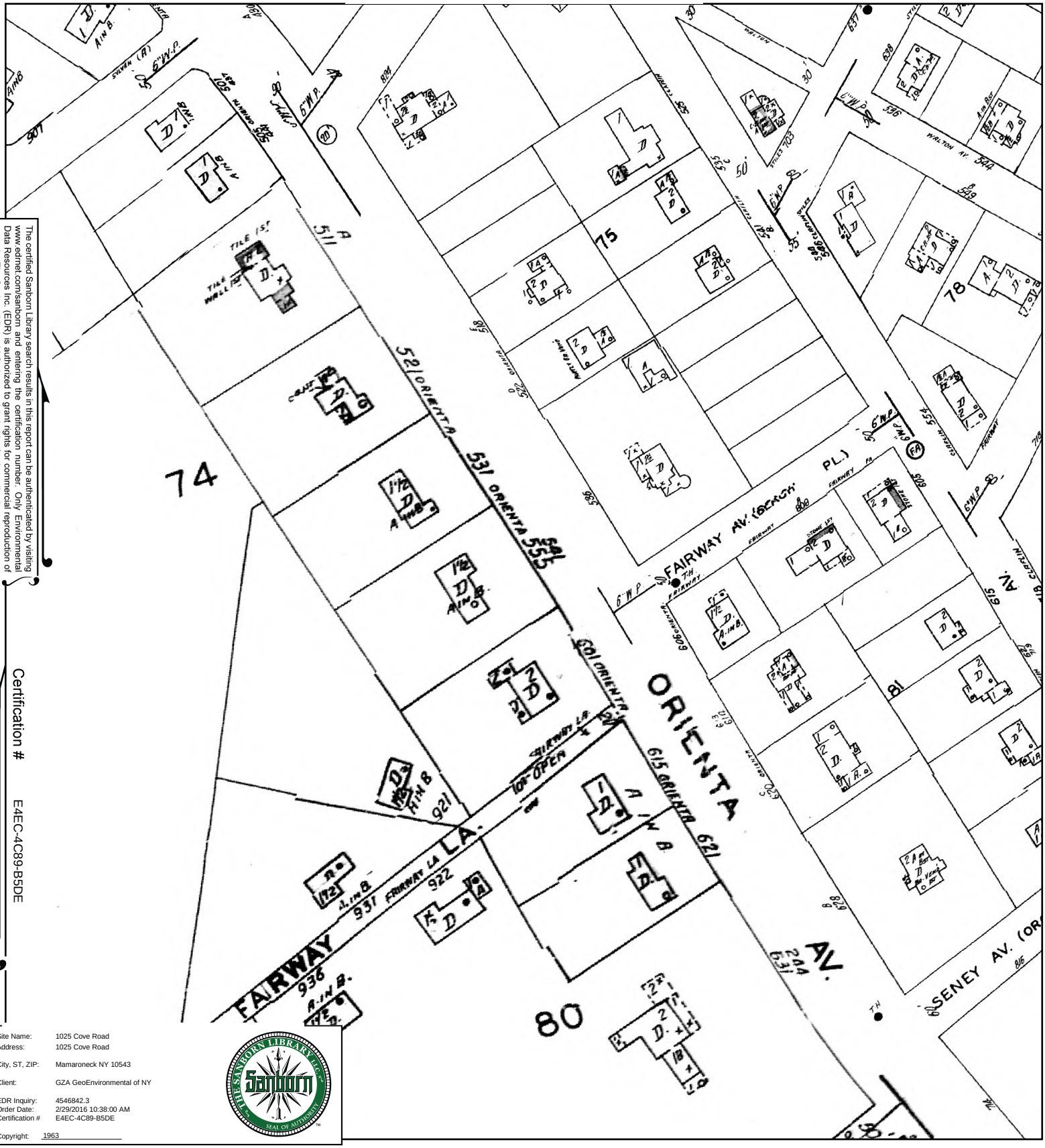
1963 Certified Sanborn Map



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Site Name: 1025 Cove Road
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City, ST, ZIP: Mamaroneck NY 10543
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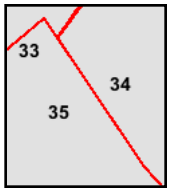

Volume 1, Sheet 33
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Volume 1, Sheet 35

0 Feet 165 330 660

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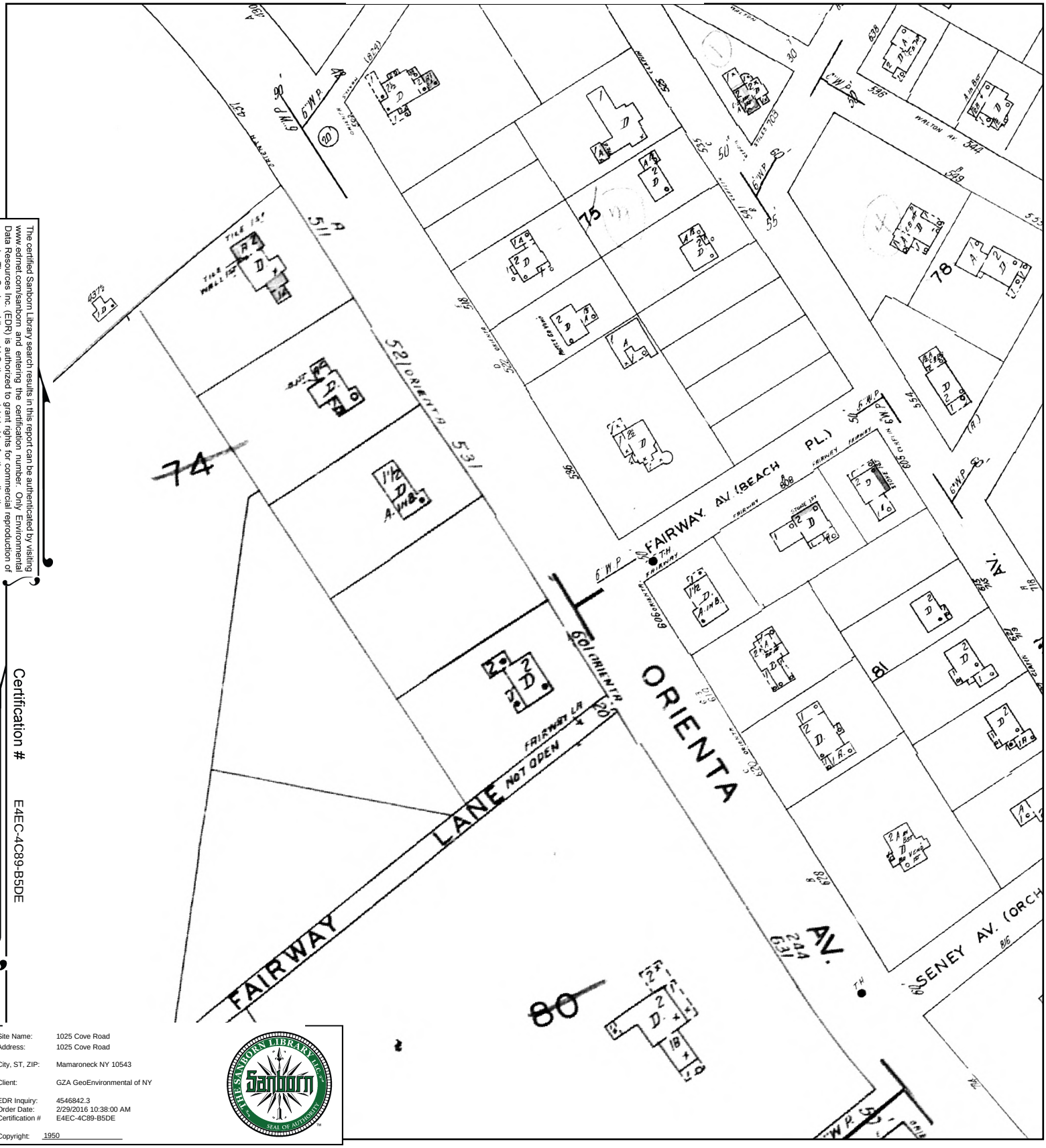
1950 Certified Sanborn Map



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Certification # E4EC-4C89-B5DE
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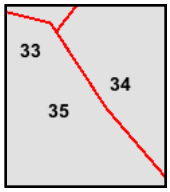

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Volume 1, Sheet 35

0 Feet 165 330 660

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1942 Certified Sanborn Map

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Address:	1025 Cove Road
City, ST, ZIP:	Mamaroneck NY 10543
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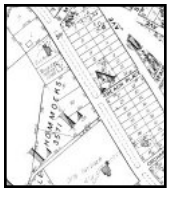

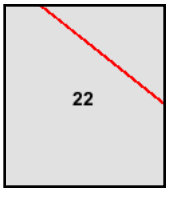

Volume 1, Sheet 22
Volume 1, Sheet 22

0 Feet 165 330 660

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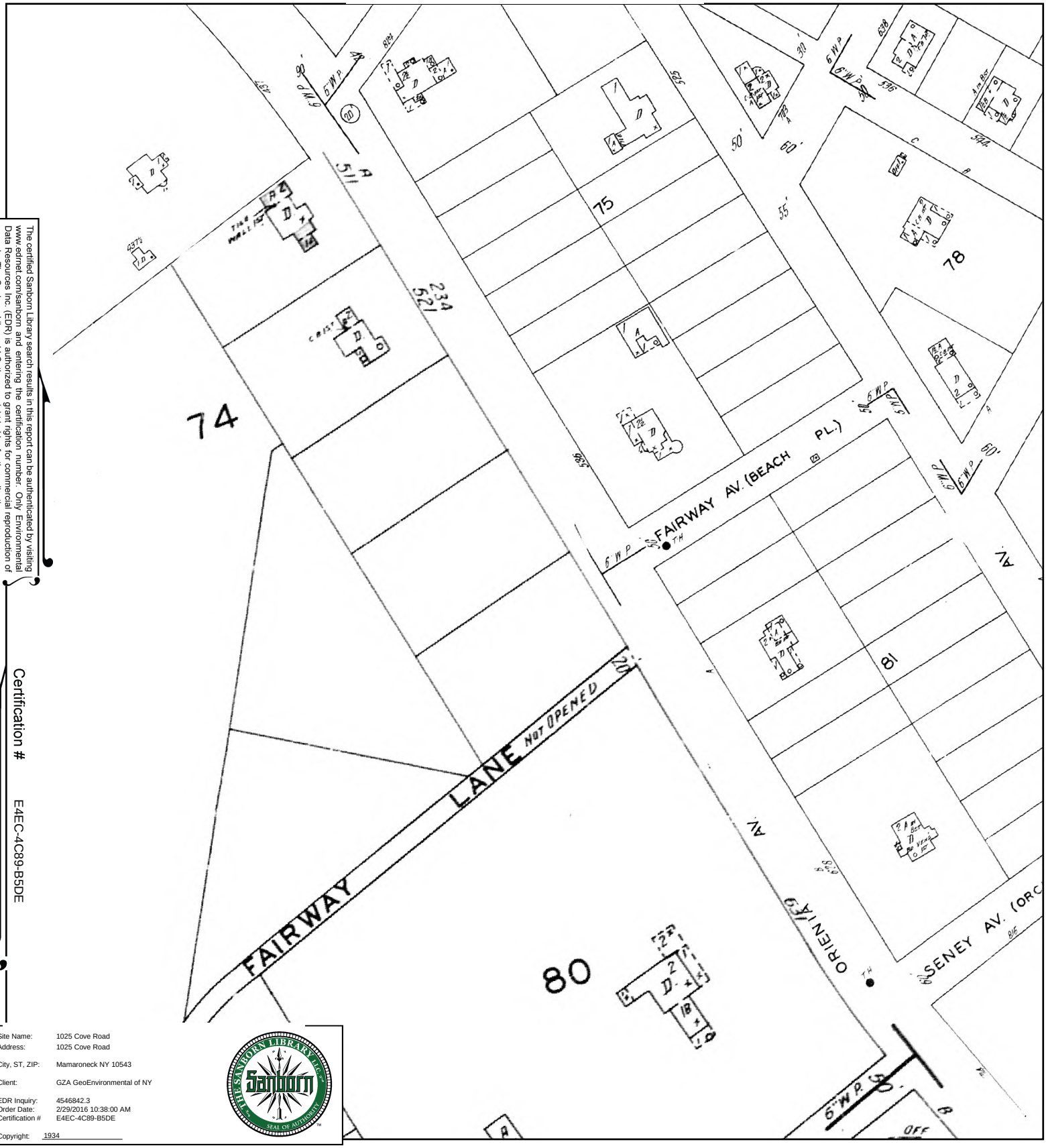
1934 Certified Sanborn Map



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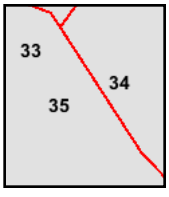
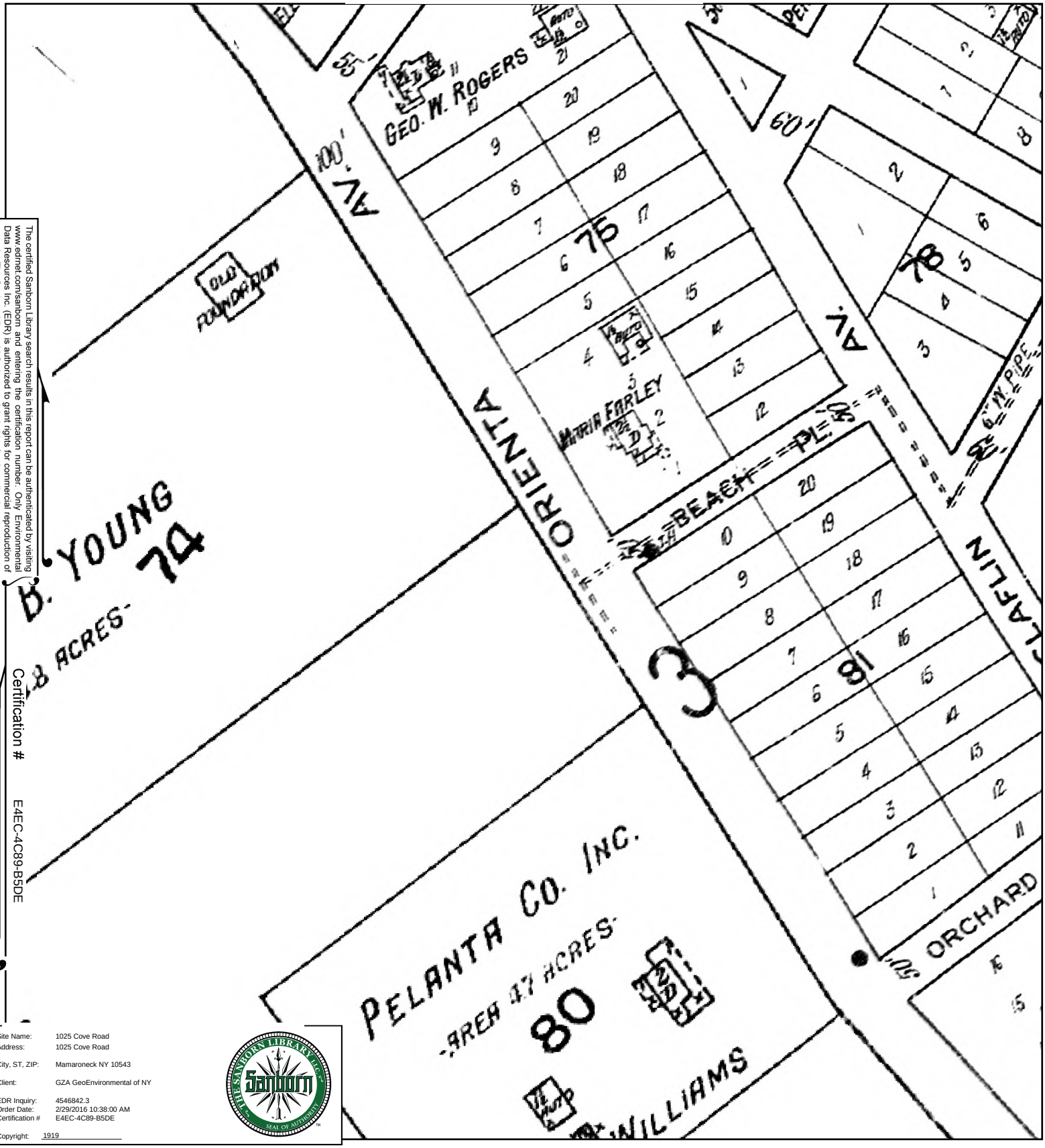


Volume 1, Sheet 33
Volume 1, Sheet 34
Volume 1, Sheet 35

0 Feet 165 330 660

N

1919 Certified Sanborn Map



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Certification # E4EC-4C89-B5DE

Site Name:	1025 Cove Road
Address:	1025 Cove Road
City, ST, ZIP:	Mamaroneck NY 10543
Client:	GZA GeoEnvironmental of NY
EDR Inquiry:	4546842.3
Order Date:	2/29/2016 10:38:00 AM
Certification #	E4EC-4C89-B5DE
Copyright:	1919

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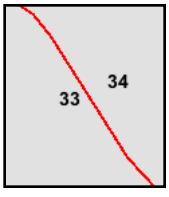

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Volume 1, Sheet 34

0 Feet 165 330 660

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1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.3
February 29, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/29/16

Site Name:
1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Client Name:
GZA GeoEnvironmental of NY
104 West 29th St
New York, NY 10001

EDR Inquiry # 4546842.3

Contact: RAHUL BHATIA

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GZA GeoEnvironmental of NY were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, State, Zip: Mamaroneck, NY 10543
Cross Street:
P.O. # 41.0162403.00
Project: 41.0162403.00
Certification # E4EC-4C89-B5DE

Maps Provided:

2003	1963
1996	1950
1995	1942
1994	1934
1992	1919
1988	

Sanborn® Library search results
Certification # E4EC-4C89-B5DE

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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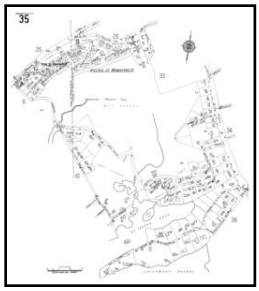
Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2003 Source Sheets

Volume 1, Sheet 6



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Volume 1, Sheet 25

Volume 1, Sheet 10

1996 Source Sheets

Volume 1, Sheet 6

Volume 1, Sheet 10

Volume 1, Sheet 25

Volume 1, Sheet 35

1995 Source Sheets

Volume 1, Sheet 35

Volume 1, Sheet 6

Volume 1, Sheet 10

Volume 1, Sheet 25

1994 Source Sheets

Volume 1, Sheet 6

Volume 1, Sheet 10

Volume 1, Sheet 25

Volume 1, Sheet 35

1992 Source Sheets

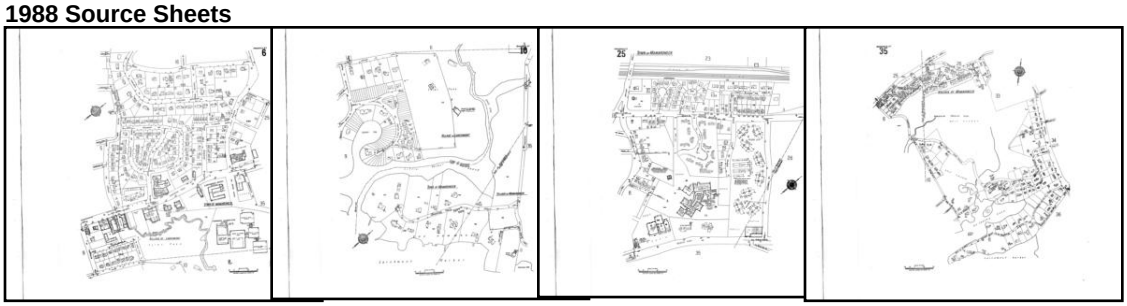
Volume 1, Sheet 6

Volume 1, Sheet 10

Volume 1, Sheet 25

Volume 1, Sheet 35

1988 Source Sheets



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Volume 1, Sheet 10

Volume 1, Sheet 25

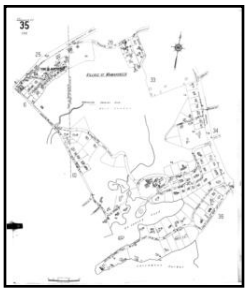
Volume 1, Sheet 35

1963 Source Sheets

Volume 1, Sheet 6

Volume 1, Sheet 10

Volume 1, Sheet 25



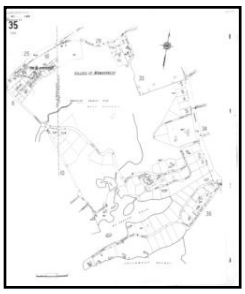
Volume 1, Sheet 35

1950 Source Sheets

Volume 1, Sheet 6

Volume 1, Sheet 10

Volume 1, Sheet 25



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1942 Source Sheets

Volume 1, Sheet xxxx

Volume 1, Sheet 22

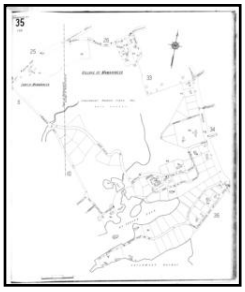
Volume 1, Sheet 20

1934 Source Sheets

Volume 1, Sheet 6

Volume 1, Sheet 10

Volume 1, Sheet 25



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1919 Source Sheets

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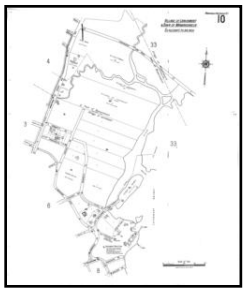

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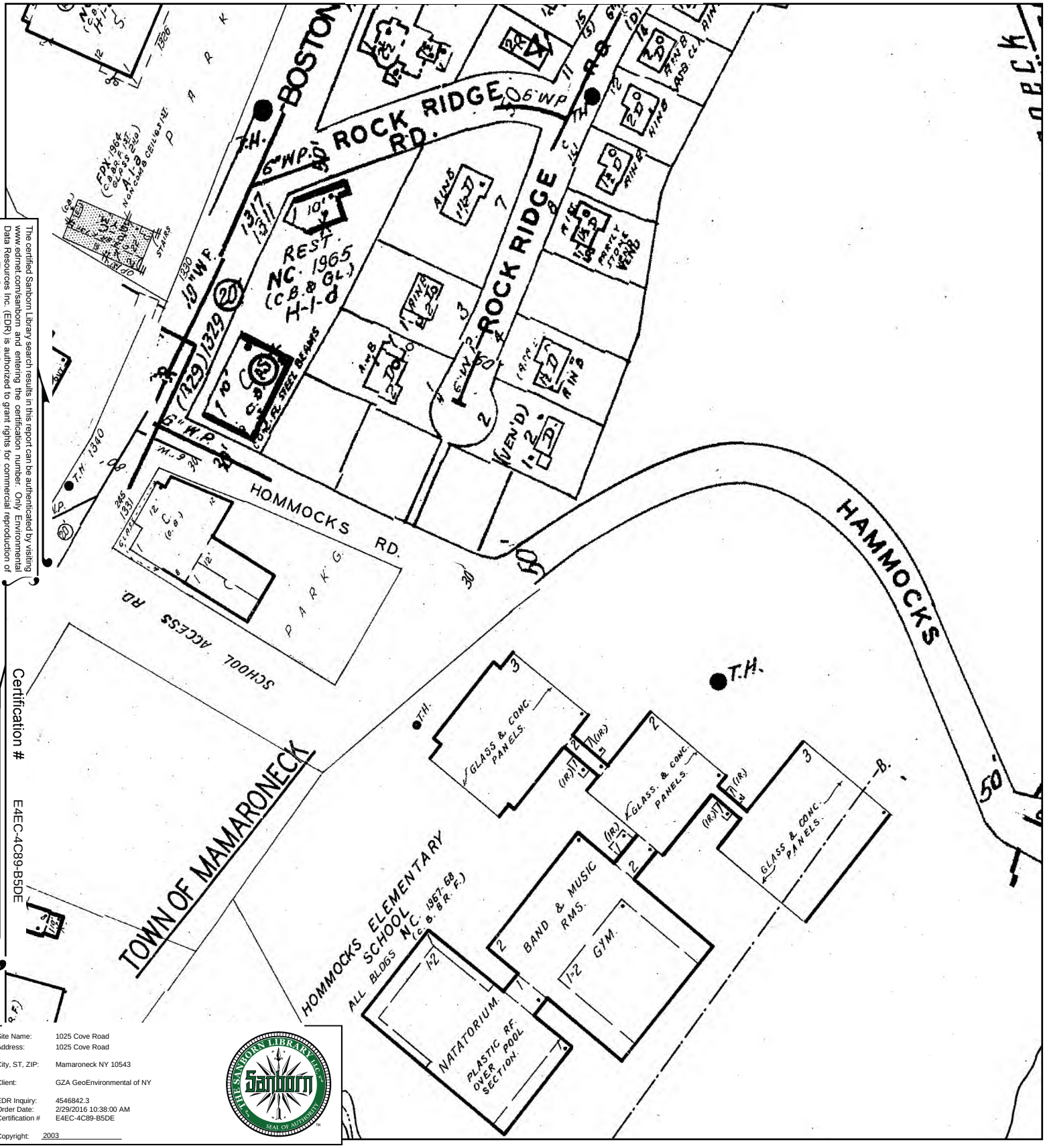
2003 Certified Sanborn Map



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Address:	1025 Cove Road
City, ST, ZIP:	Mamaroneck NY 10543
Client:	GZA GeoEnvironmental of NY
EDR Inquiry:	4546842.3
Order Date:	2/29/2016 10:38:00 AM
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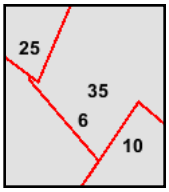

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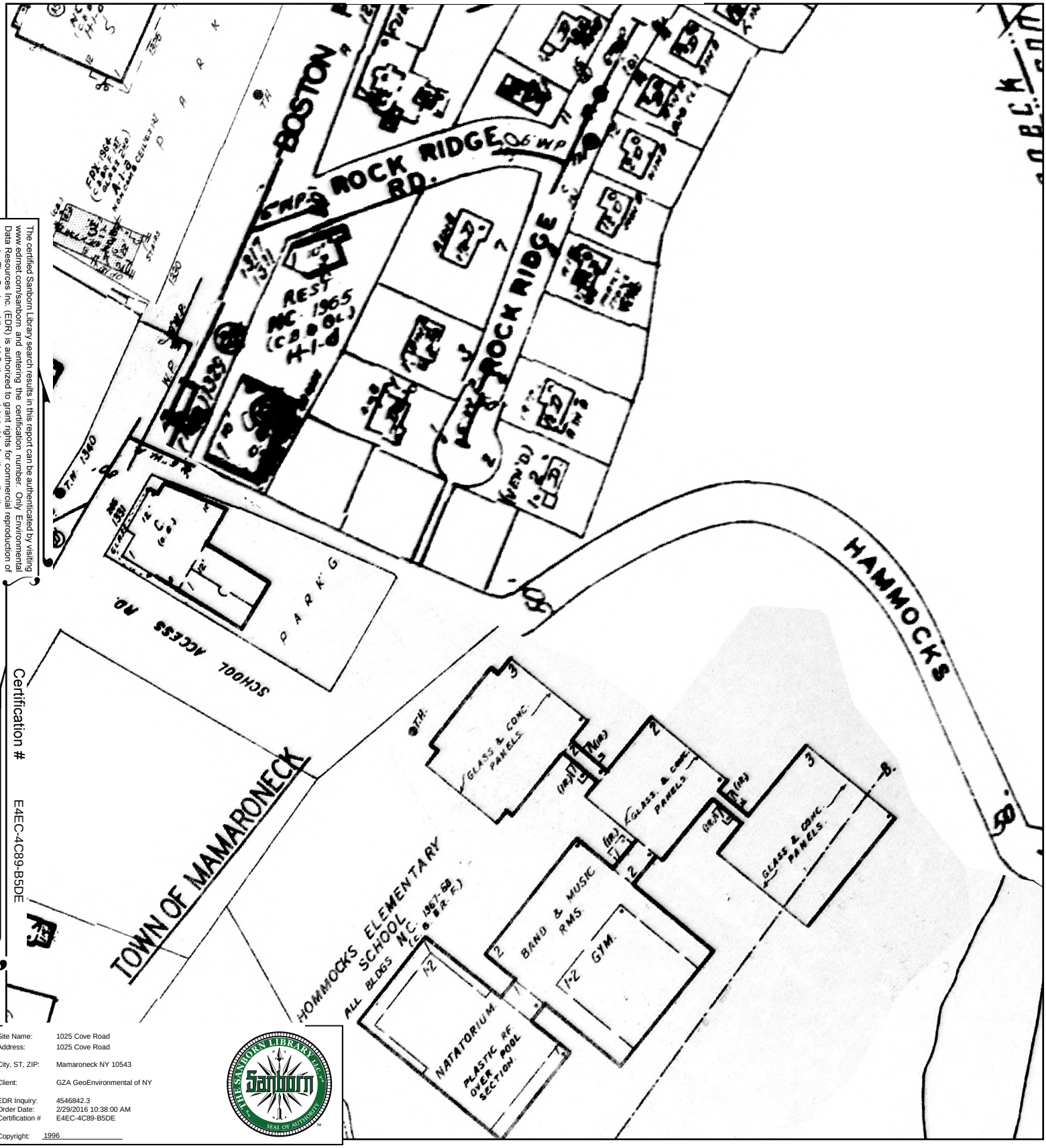
Volume 1, Sheet 10

0 Feet 165 330 660

N

1996 Certified Sanborn Map



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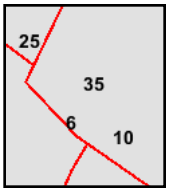

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Volume 1, Sheet 35

0 Feet 165 330 660

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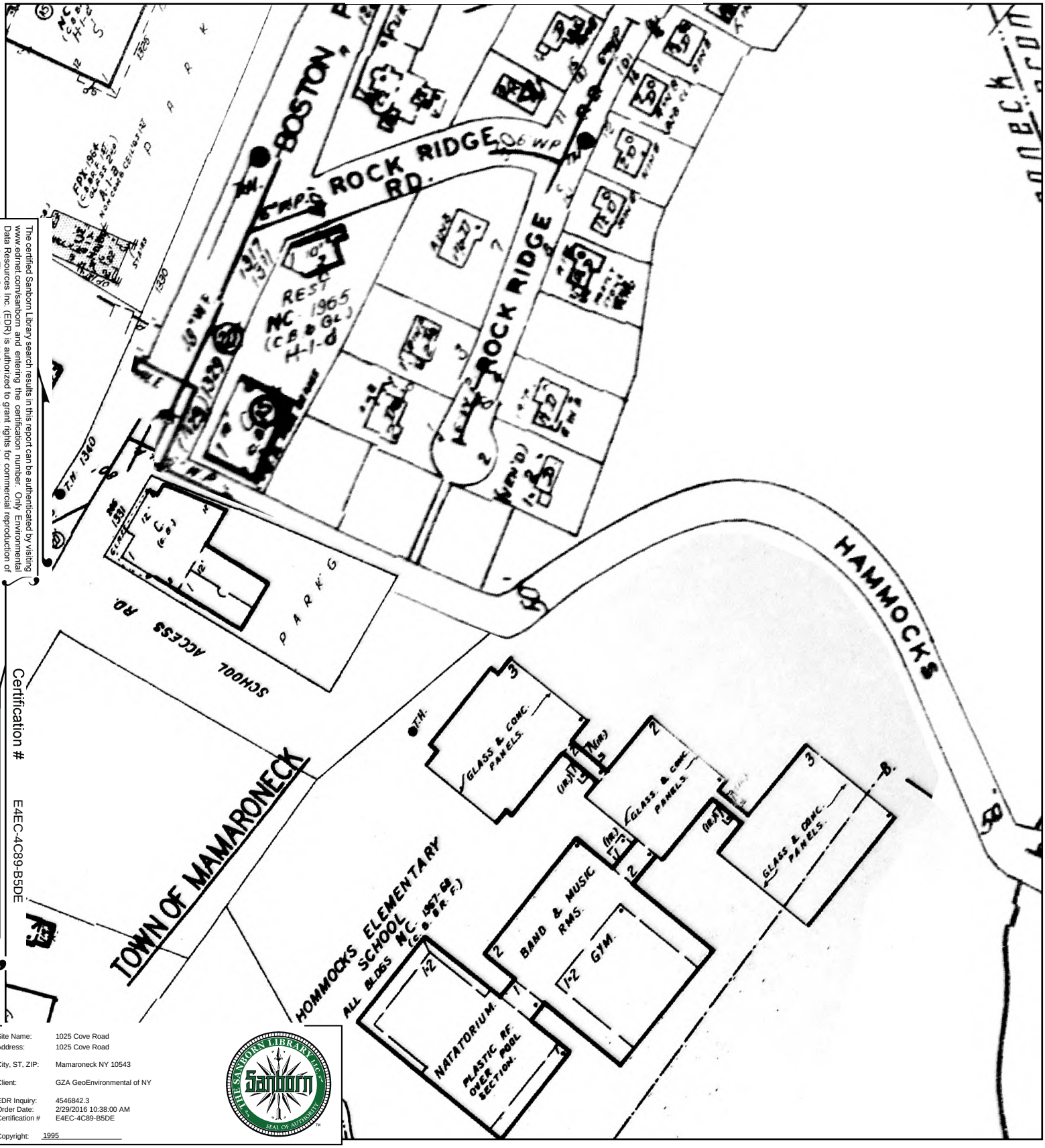
1995 Certified Sanborn Map



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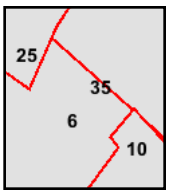

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Volume 1, Sheet 25

0 Feet 165 330 660

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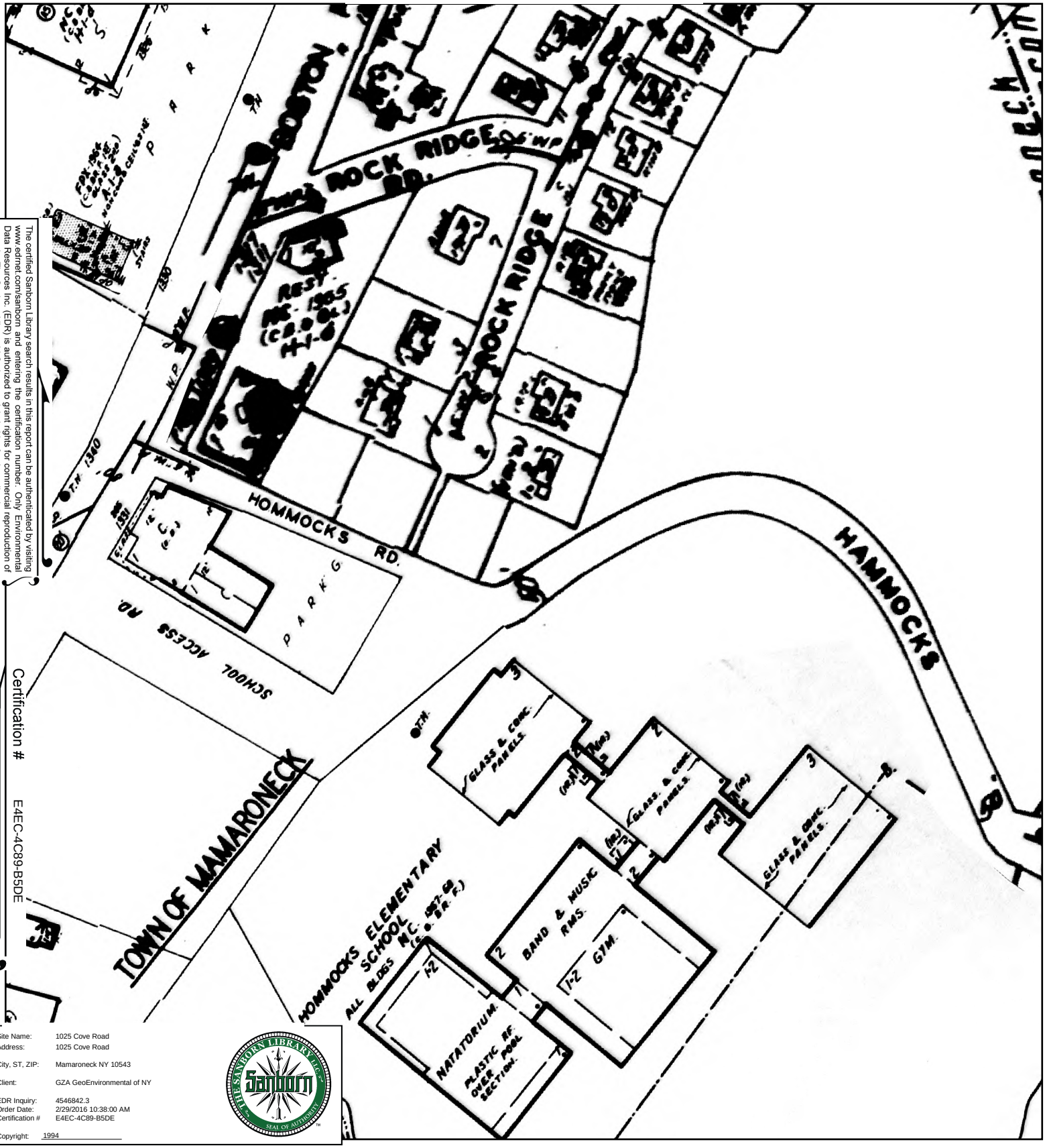
1994 Certified Sanborn Map



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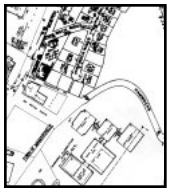

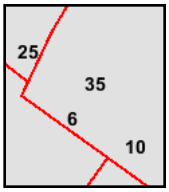

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0 Feet 165 330 660

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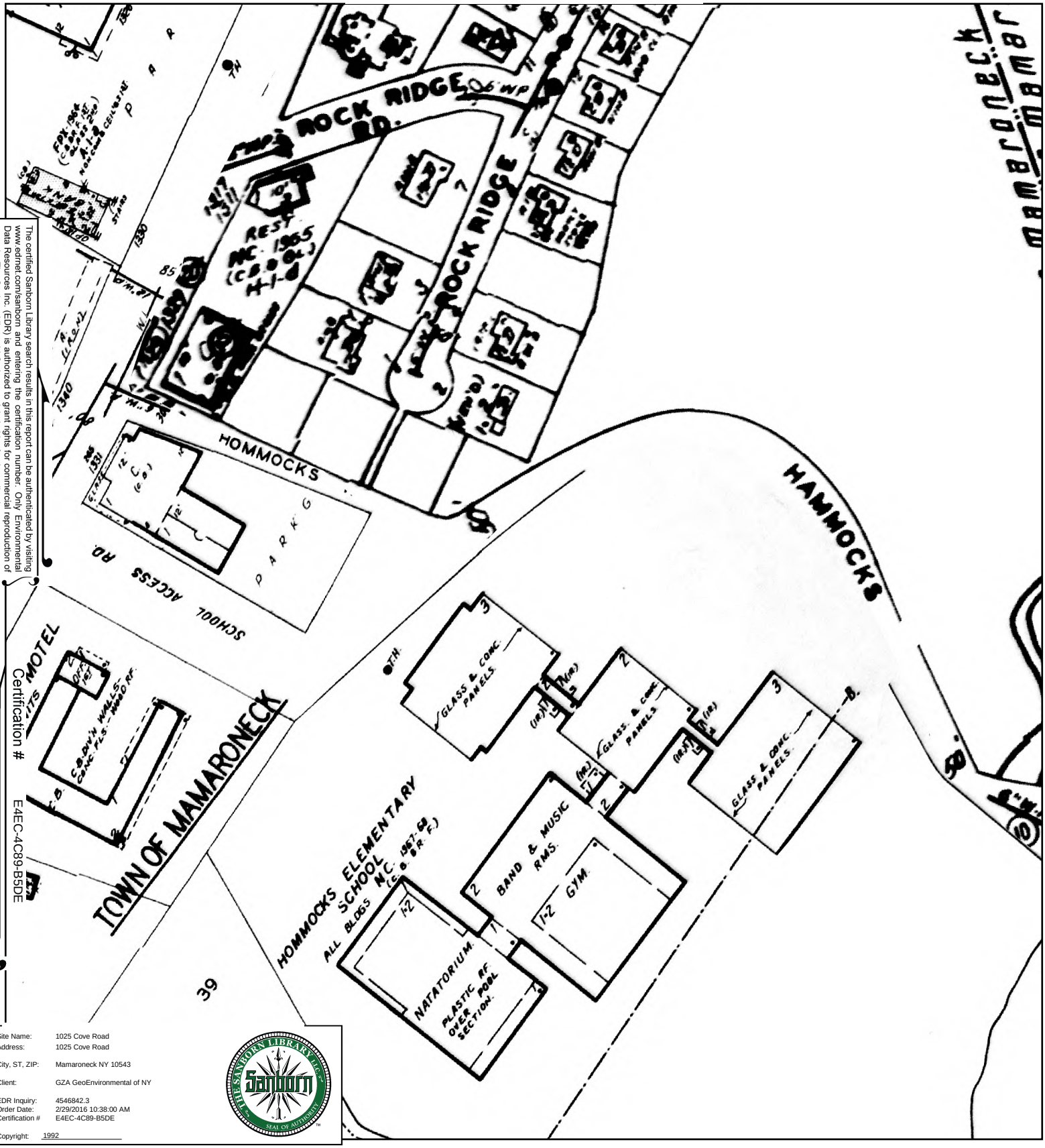

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City, ST, ZIP:	Mamaroneck NY 10543
Client:	GZA GeoEnvironmental of NY
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Certification #	E4EC-4C89-B5DE
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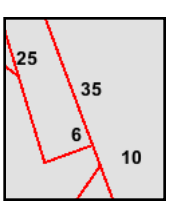

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Volume 1, Sheet 35

0 Feet 165 330 660

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Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
EDR Inquiry: 4546842.3
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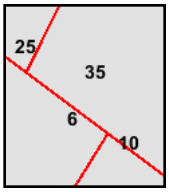

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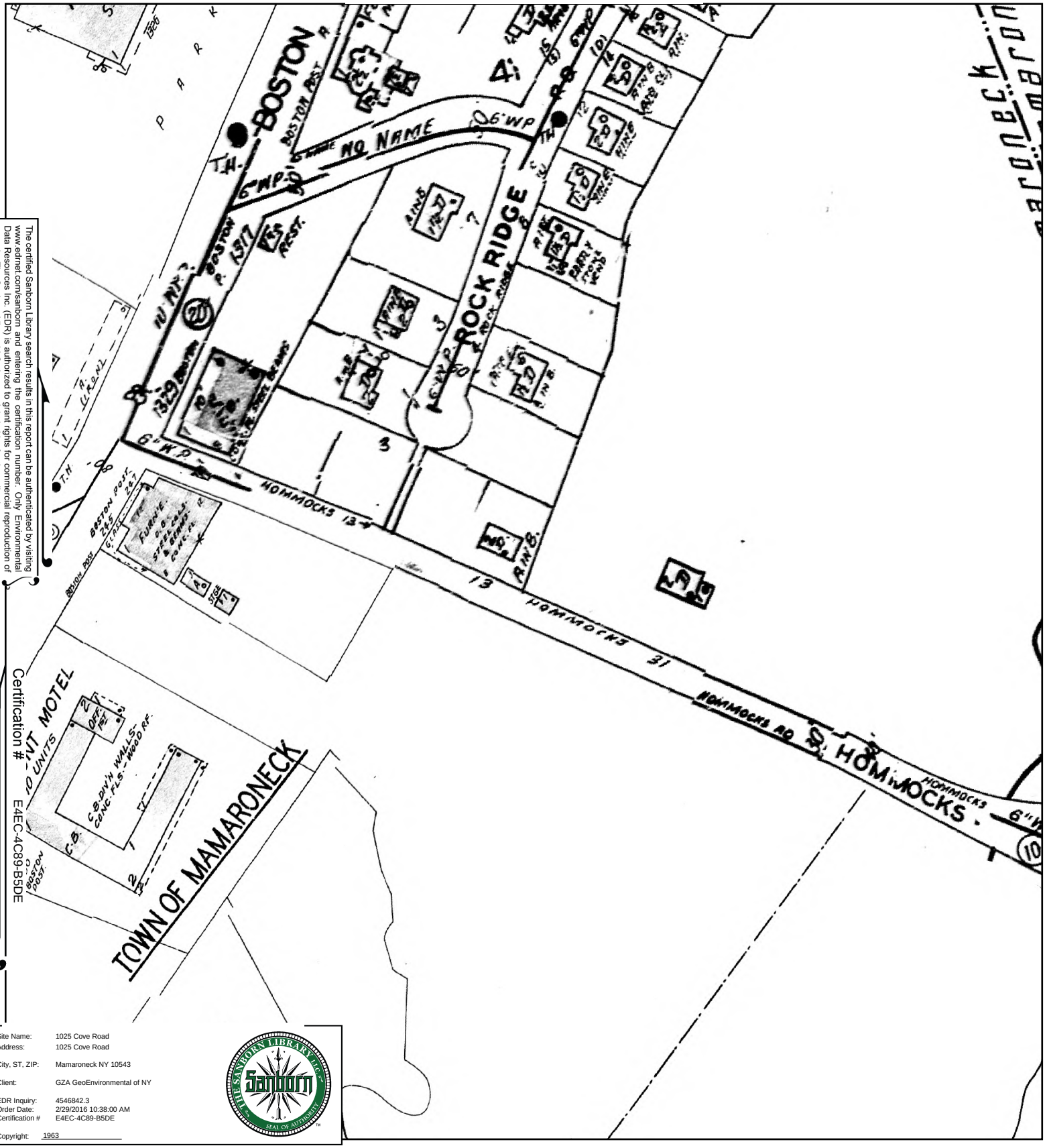
0 Feet 165 330 660

N

1963 Certified Sanborn Map



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Address: 1025 Cove Road
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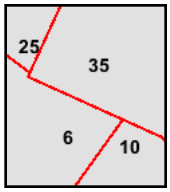

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Volume 1, Sheet 35

0 Feet 165 330 660

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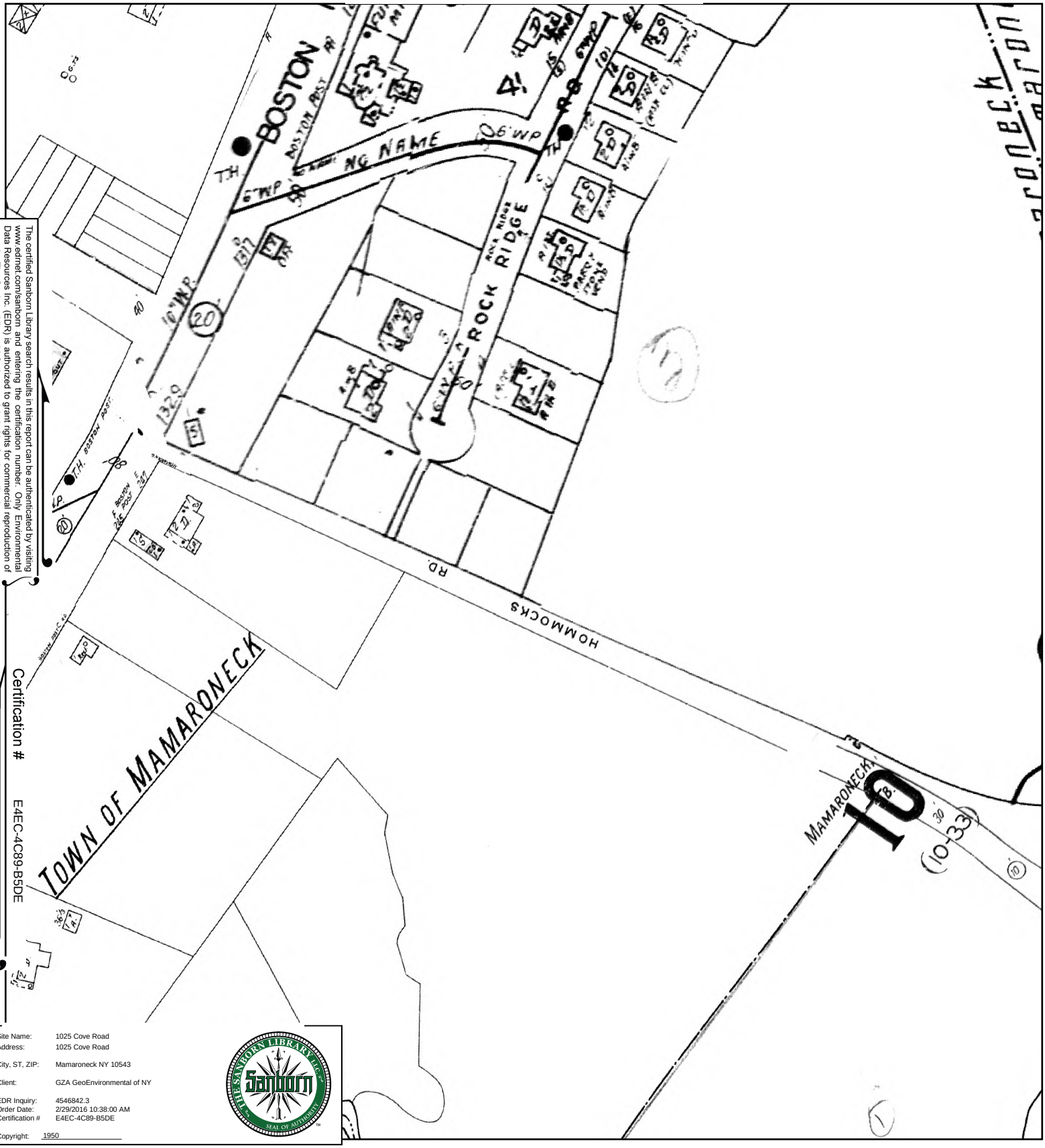
1950 Certified Sanborn Map



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Certification #	E4EC-4C89-B5DE
Copyright:	1950

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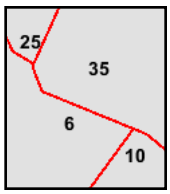

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Volume 1, Sheet 35

0 Feet 165 330 660

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1942 Certified Sanborn Map

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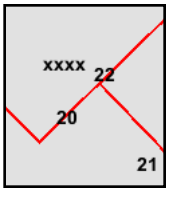

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Volume 1, Sheet 22
Volume 1, Sheet 20

0 Feet 165 330 660

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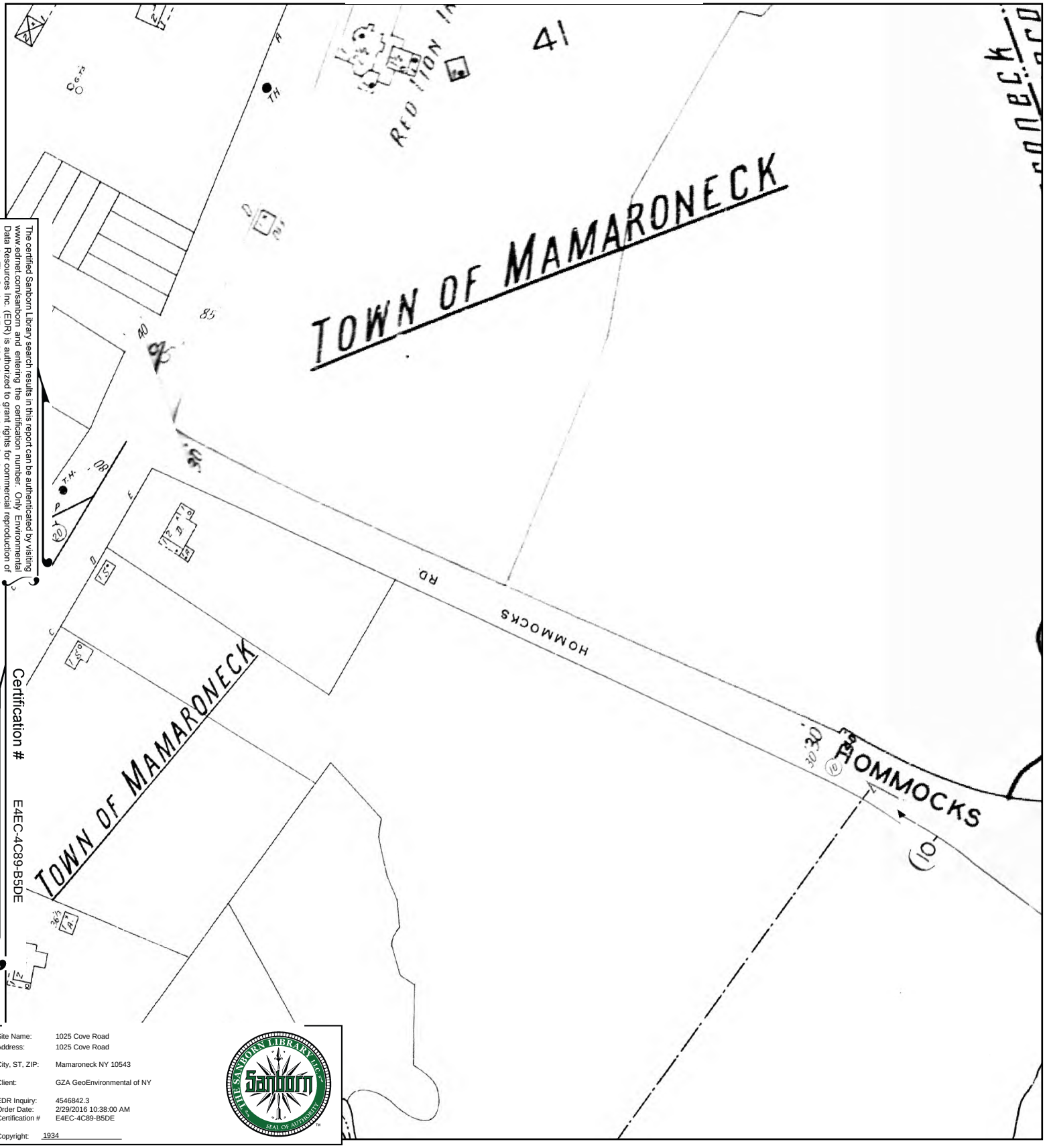
1934 Certified Sanborn Map



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Client: GZA GeoEnvironmental of NY

EDR Inquiry: 4546842.3
Order Date: 2/29/2016 10:38:00 AM
Certification # E4EC-4C89-B5DE

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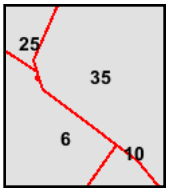
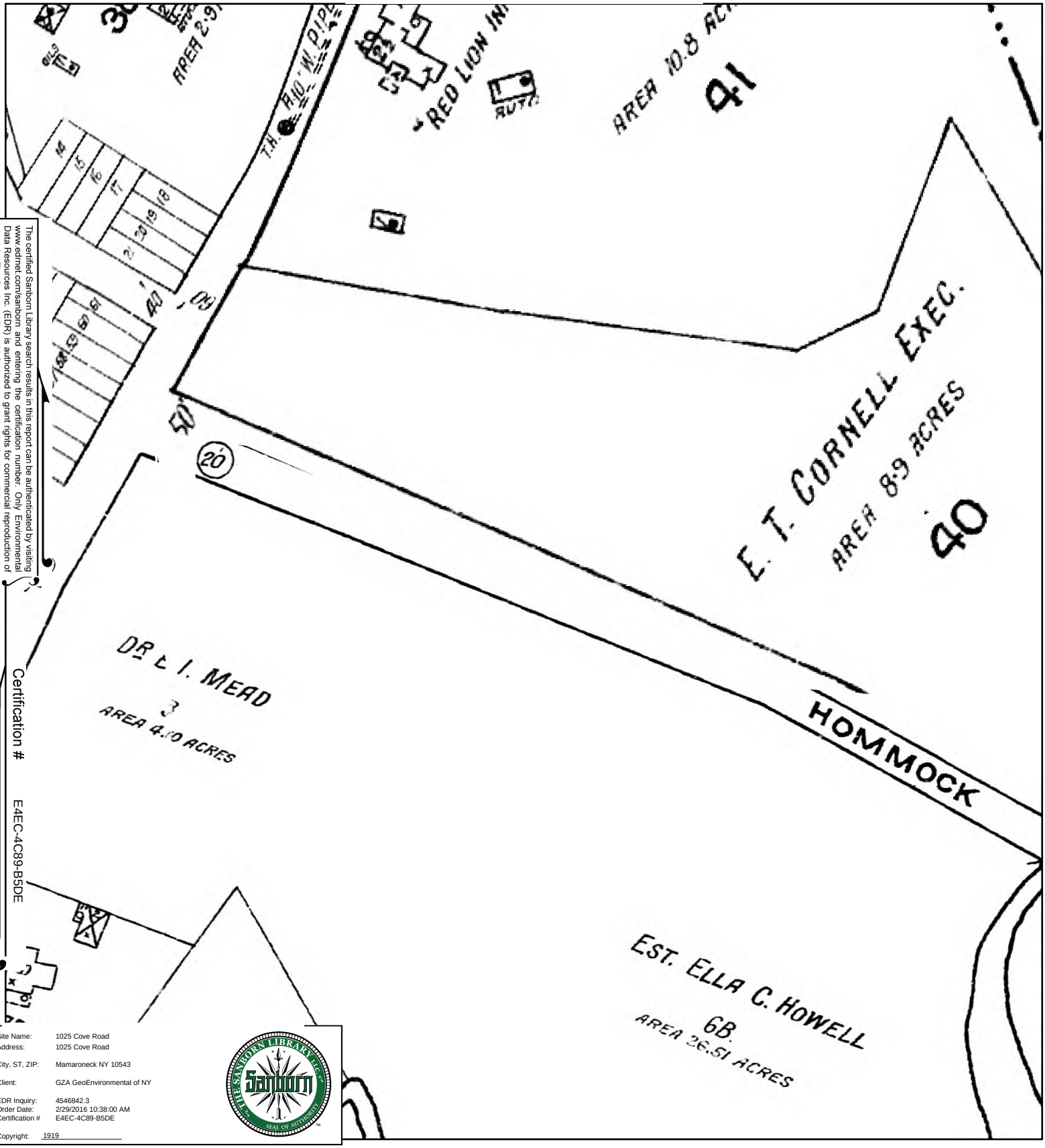


Volume 1, Sheet 6
Volume 1, Sheet 10
Volume 1, Sheet 25
Volume 1, Sheet 35

0 Feet 165 330 660

N

1919 Certified Sanborn Map



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Site Name:	1025 Cove Road
Address:	1025 Cove Road
City, ST, ZIP:	Mamaroneck NY 10543
Client:	GZA GeoEnvironmental of NY
EDR Inquiry:	4546842.3
Order Date:	2/29/2016 10:38:00 AM
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Copyright:	1919

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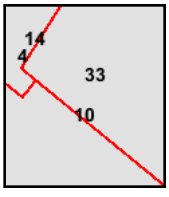

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Volume 1, Sheet 10
Volume 1, Sheet 14
Volume 1, Sheet 33

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1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.3
February 29, 2016

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6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/29/16

Site Name:
1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Client Name:
GZA GeoEnvironmental of NY
104 West 29th St
New York, NY 10001

EDR Inquiry # 4546842.3

Contact: RAHUL BHATIA

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GZA GeoEnvironmental of NY were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, State, Zip: Mamaroneck, NY 10543
Cross Street:
P.O. # 41.0162403.00
Project: 41.0162403.00
Certification # E4EC-4C89-B5DE

Maps Provided:

2003	1963
1996	1950
1995	1942
1994	1934
1992	1919
1988	

Sanborn® Library search results
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The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
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Sanborn Sheet Thumbnails

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2003 Source Sheets

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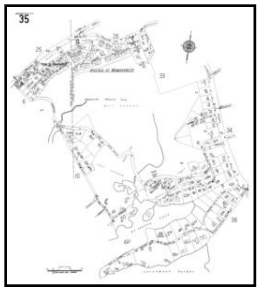


Volume 1, Sheet 35

Volume 1, Sheet 10

1996 Source Sheets

Volume 1, Sheet 6

Volume 1, Sheet 10

Volume 1, Sheet 35

1995 Source Sheets

Volume 1, Sheet 35

Volume 1, Sheet 6

Volume 1, Sheet 10

1994 Source Sheets

Volume 1, Sheet 6

Volume 1, Sheet 10

Volume 1, Sheet 35

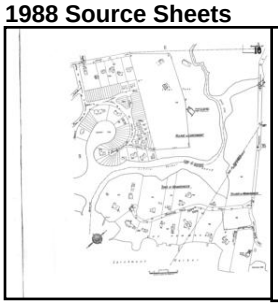
1992 Source Sheets

Volume 1, Sheet 6

Volume 1, Sheet 10

Volume 1, Sheet 35

1988 Source Sheets



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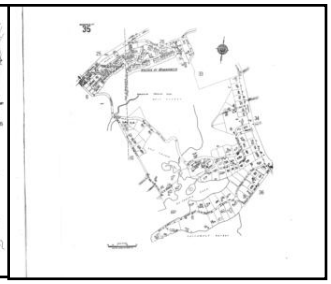

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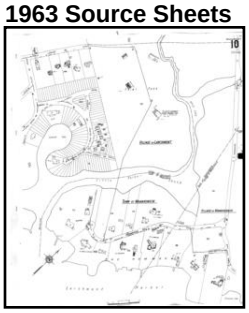

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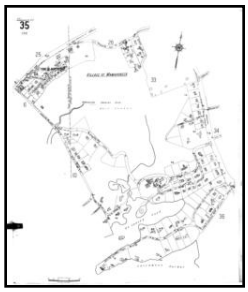

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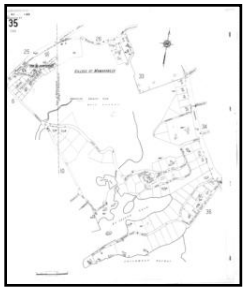
1950 Source Sheets

Volume 1, Sheet 10



Volume 1, Sheet 35

1942 Source Sheets

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Volume 1, Sheet 22

1934 Source Sheets

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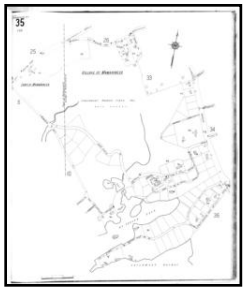

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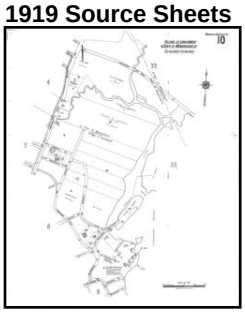
1919 Source Sheets



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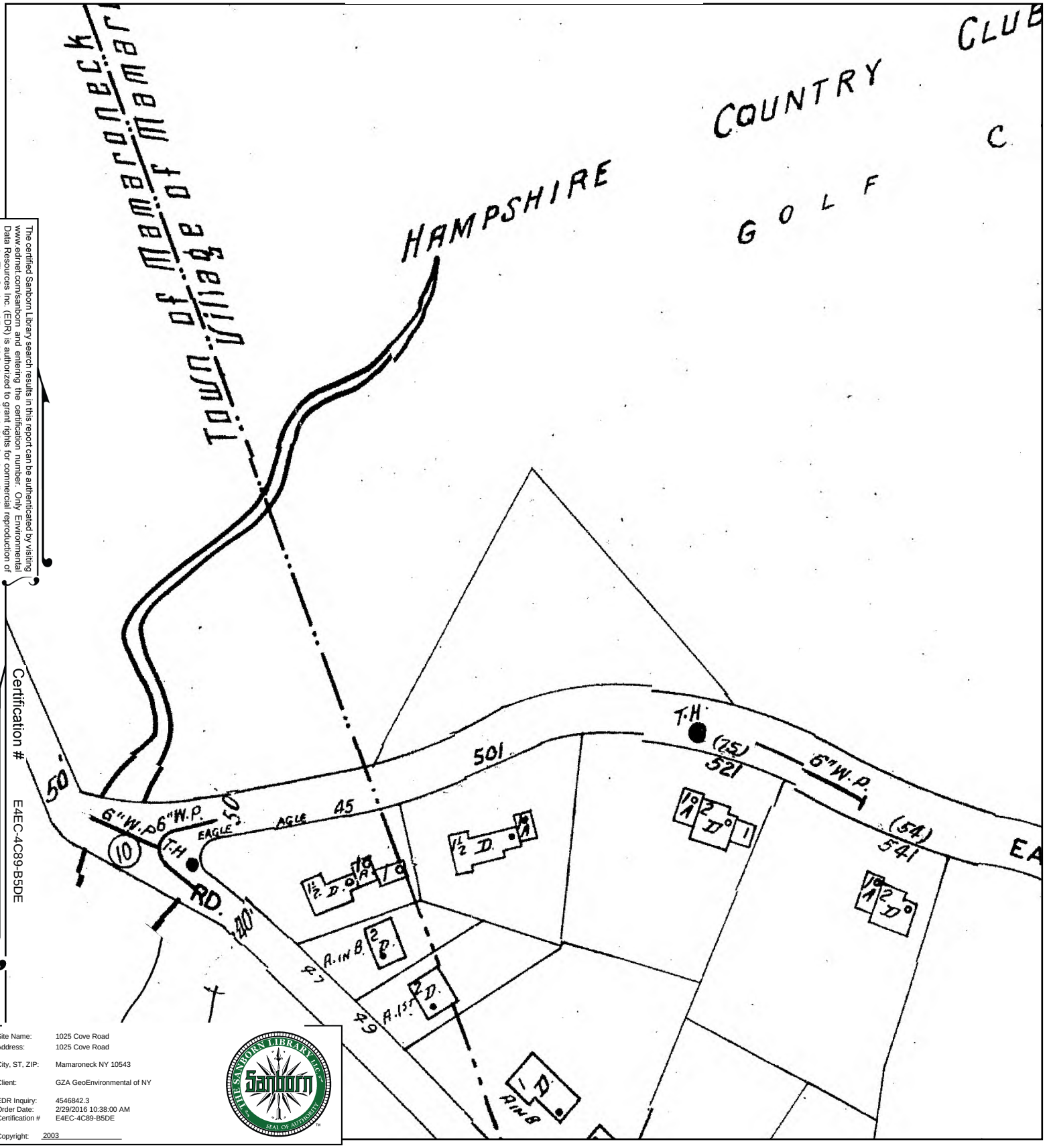

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Address:	1025 Cove Road
City, ST, ZIP:	Mamaroneck NY 10543
Client:	GZA GeoEnvironmental of NY
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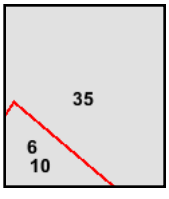

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Volume 1, Sheet 10

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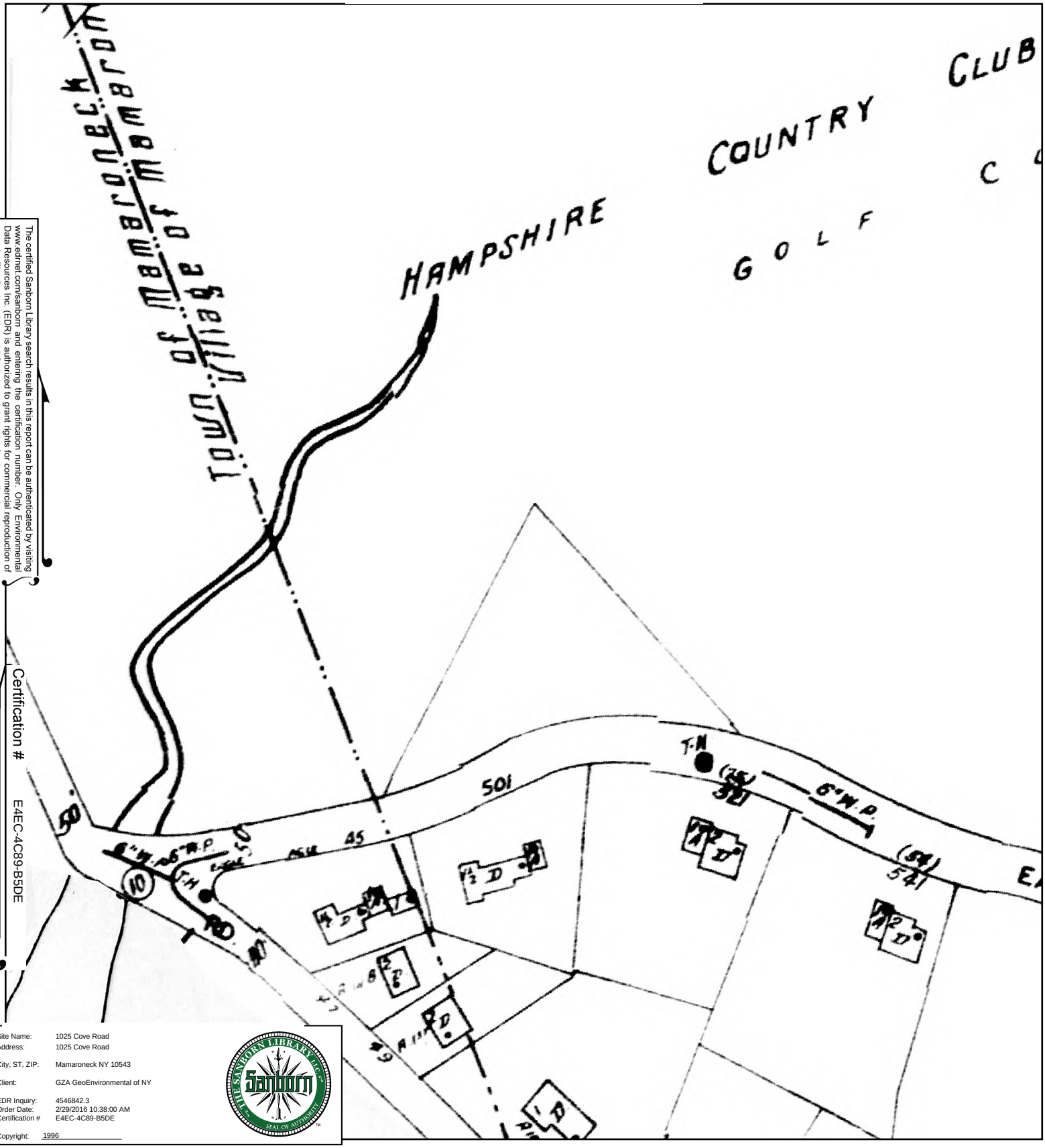
1996 Certified Sanborn Map



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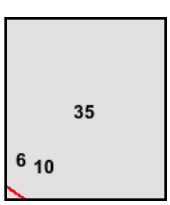

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Volume 1, Sheet 35

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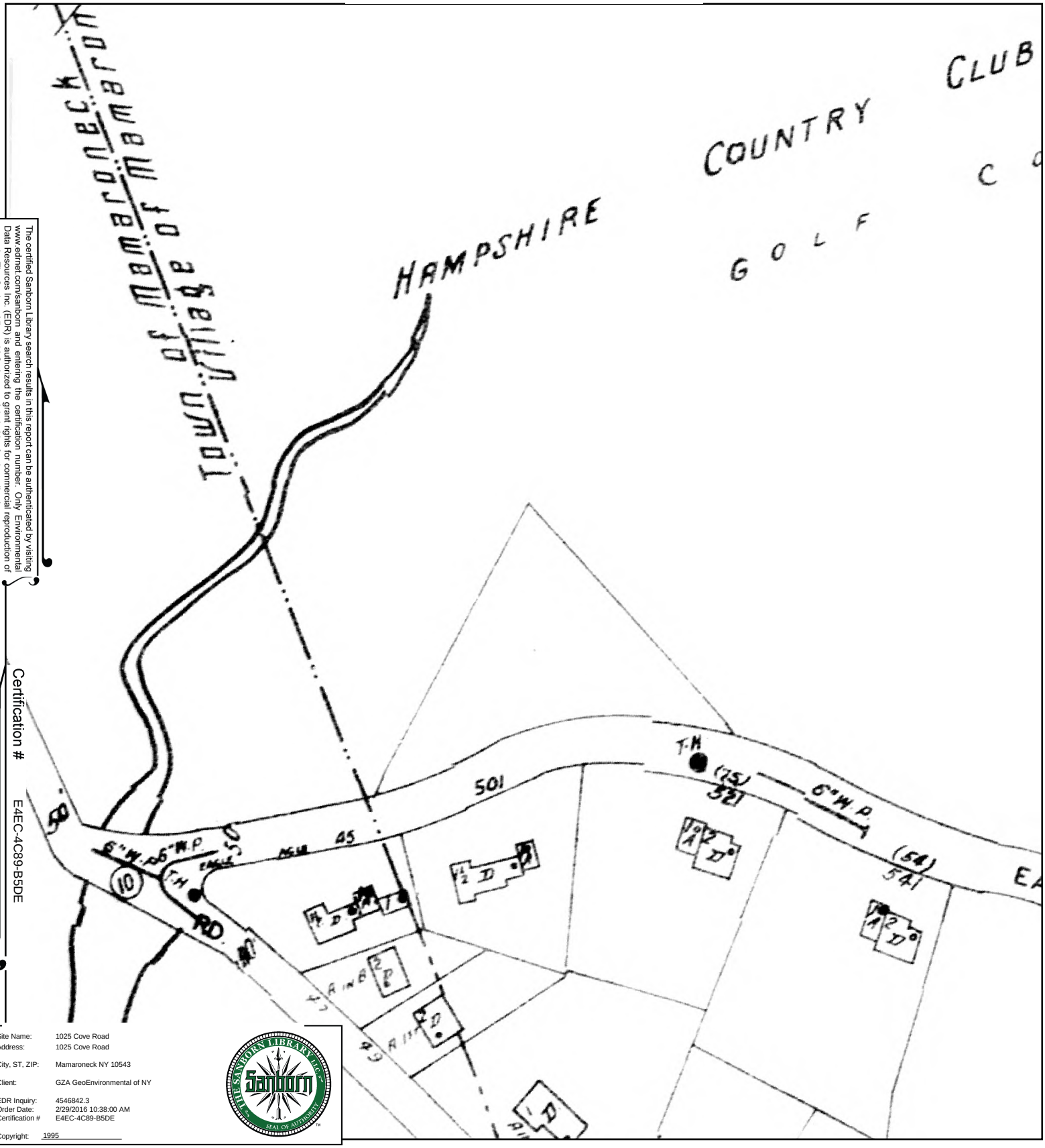

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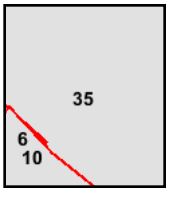

Volume 1, Sheet 35
Volume 1, Sheet 6
Volume 1, Sheet 10

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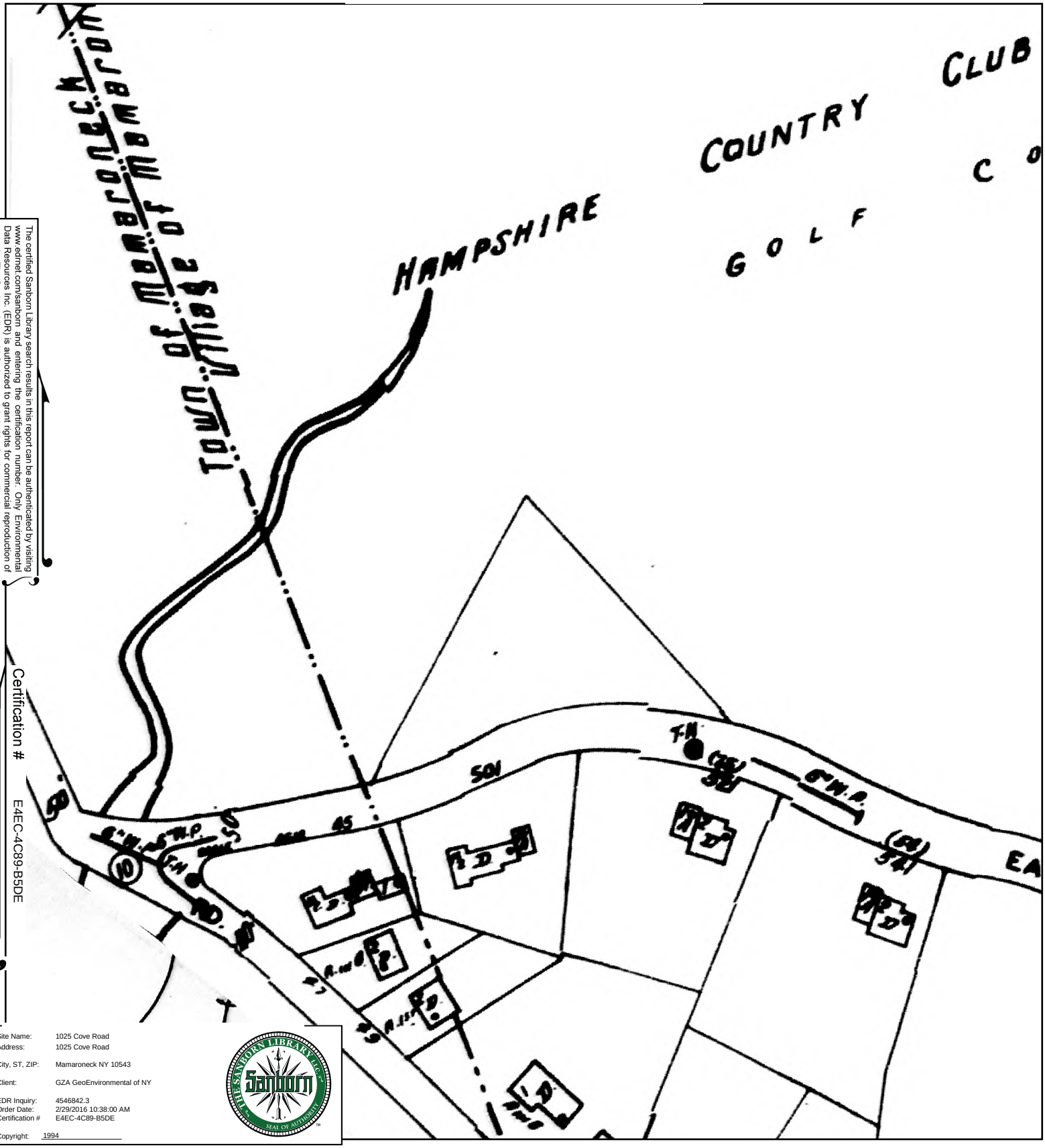

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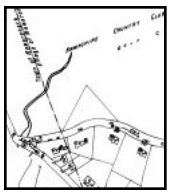

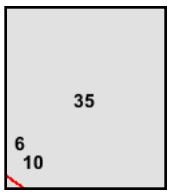

Volume 1, Sheet 6
Volume 1, Sheet 10
Volume 1, Sheet 35

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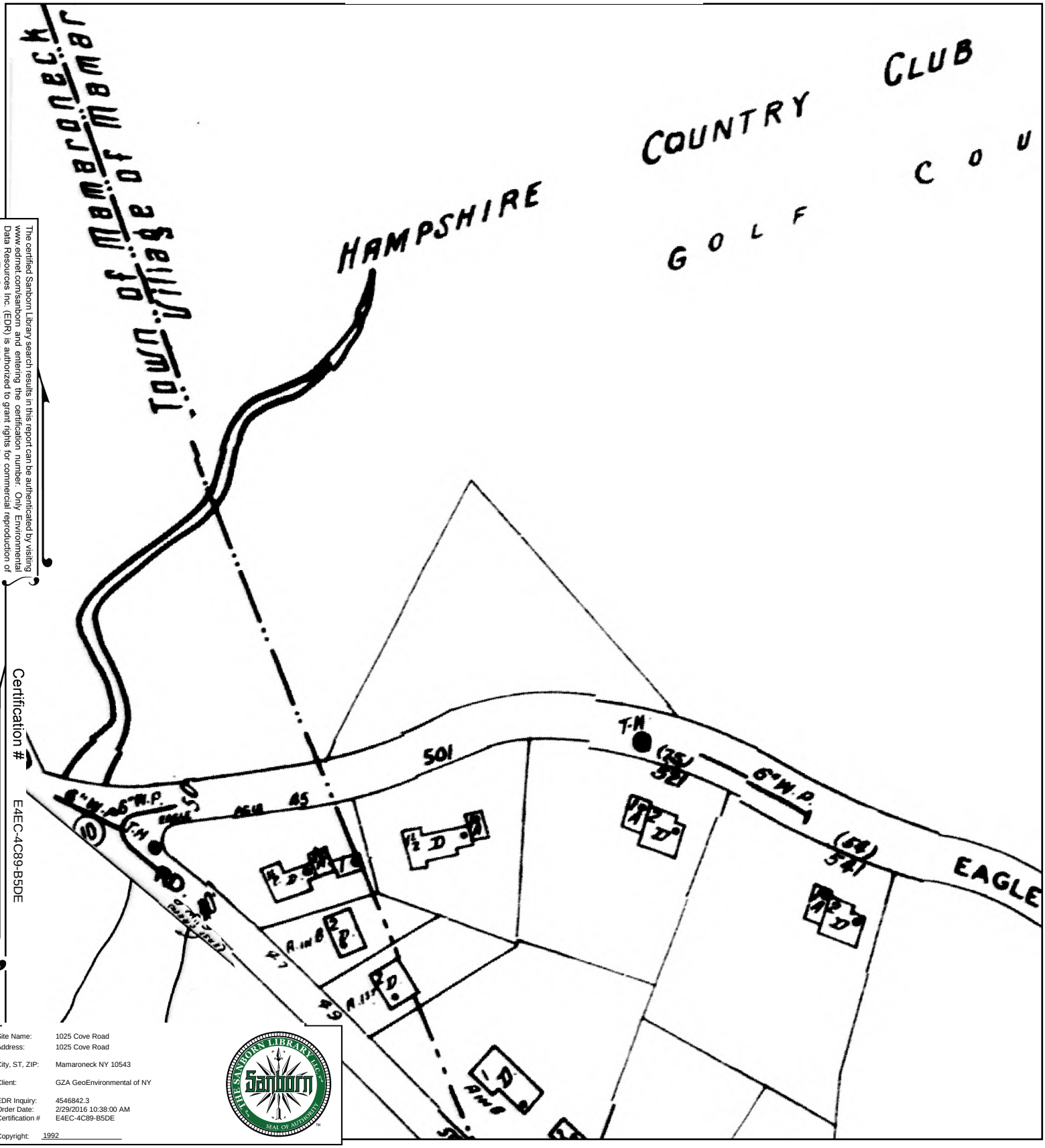

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Address: 1025 Cove Road
City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
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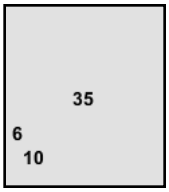

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Volume 1, Sheet 35

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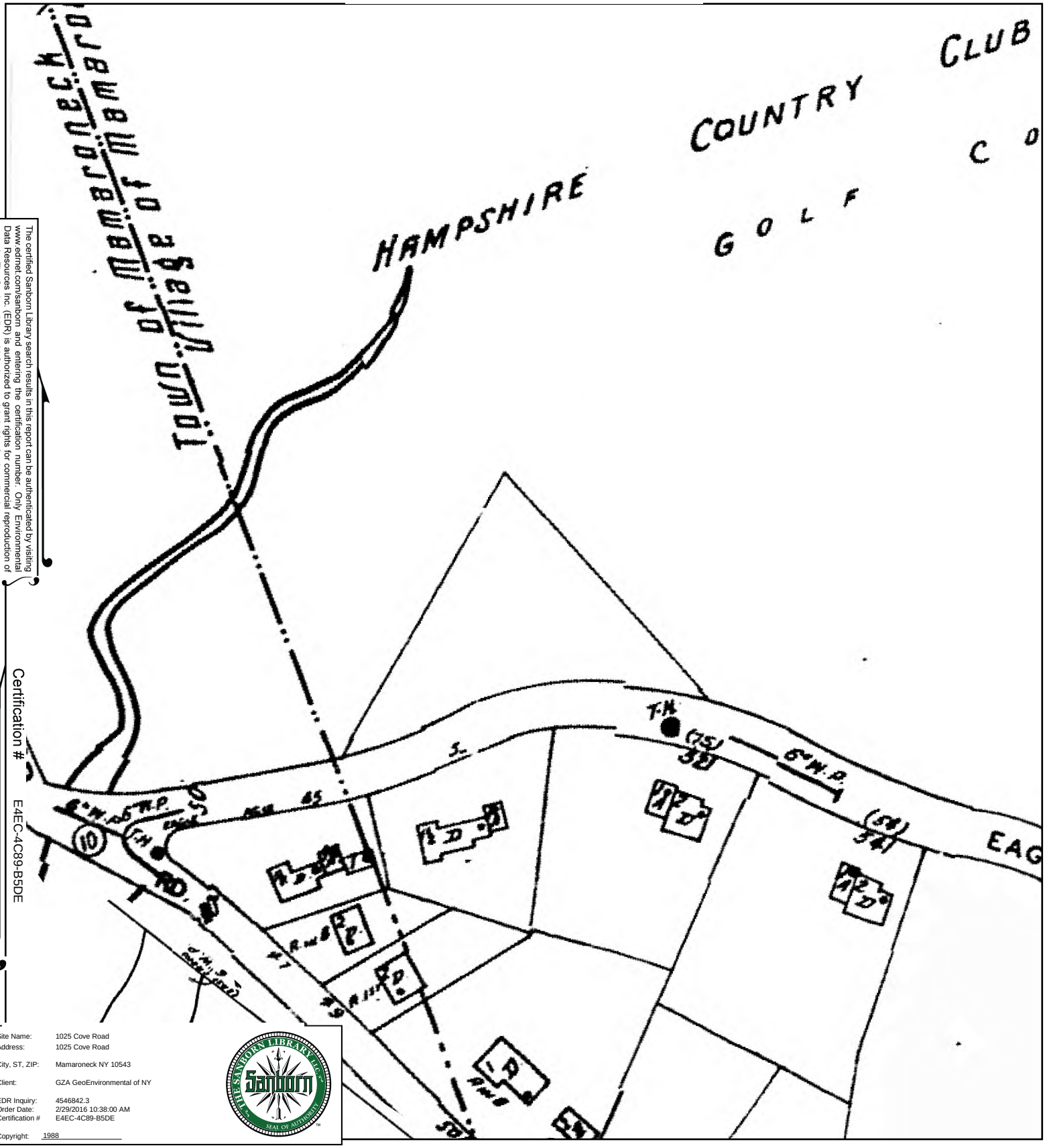

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City, ST, ZIP: Mamaroneck NY 10543
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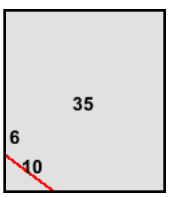

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Volume 1, Sheet 35

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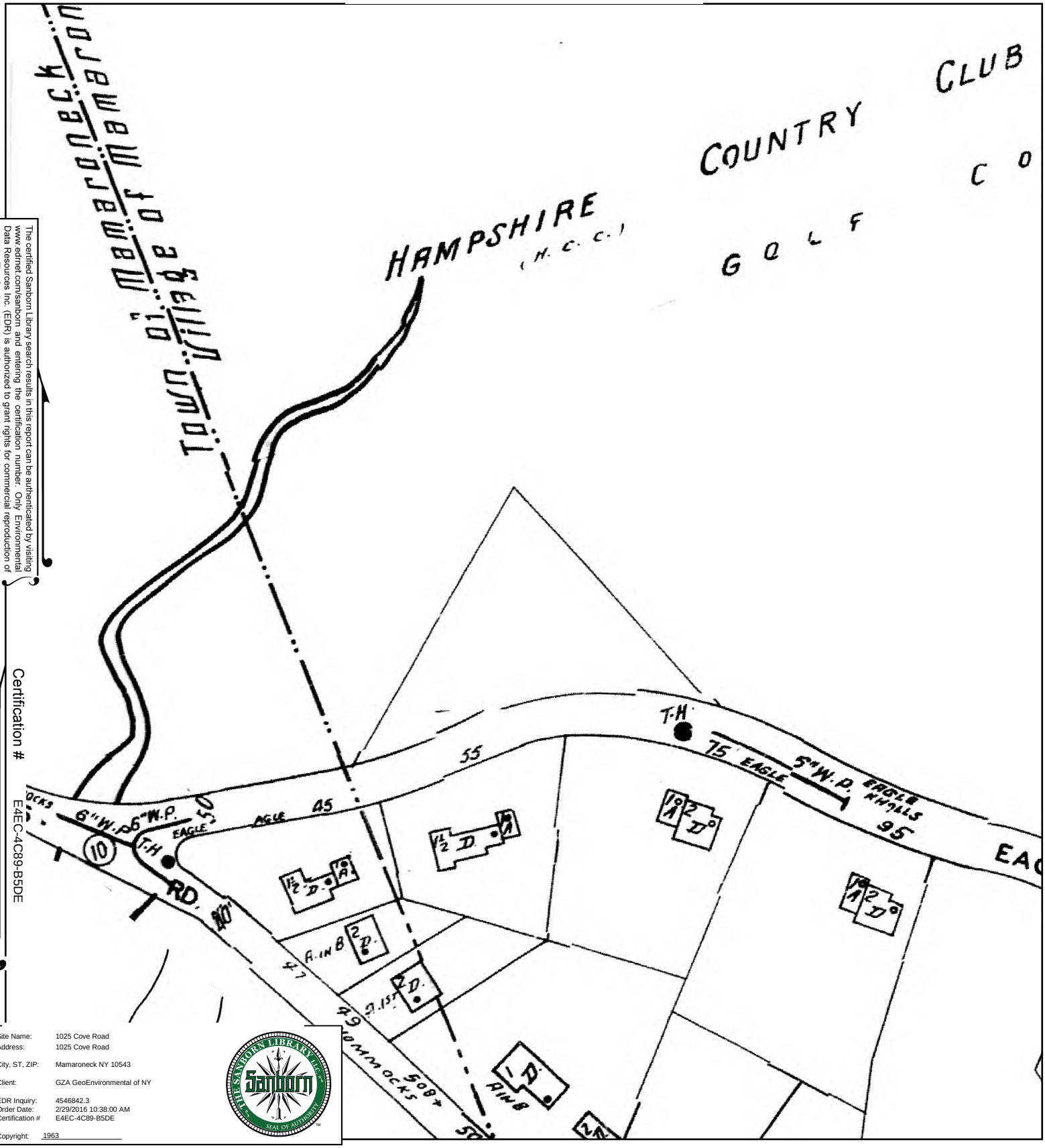

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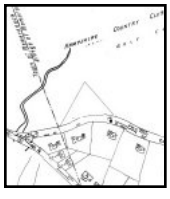

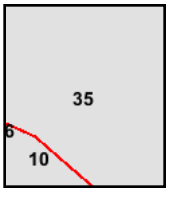

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Volume 1, Sheet 35

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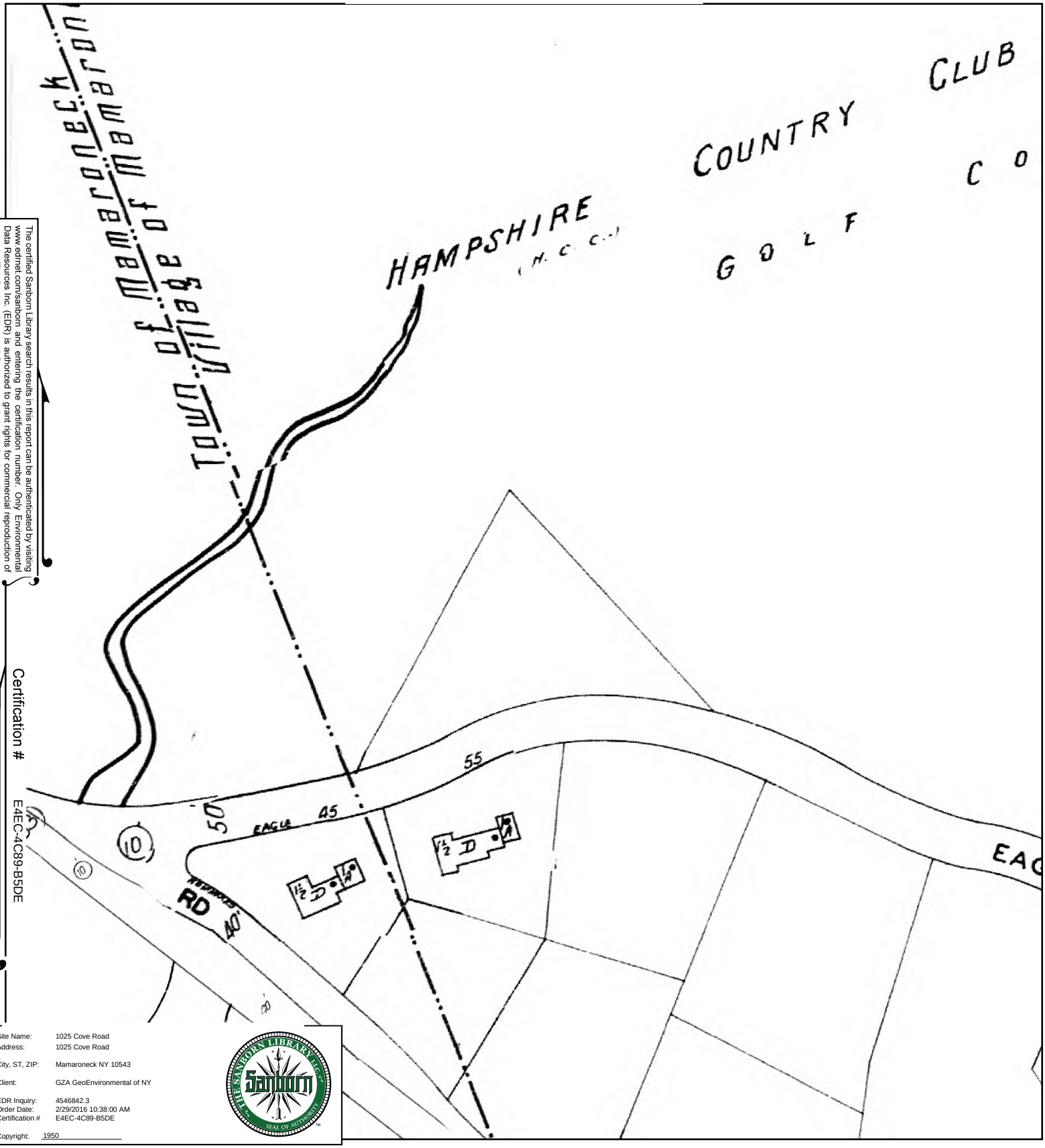

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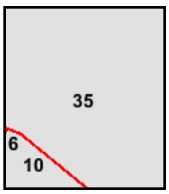

Volume 1, Sheet 10
Volume 1, Sheet 35

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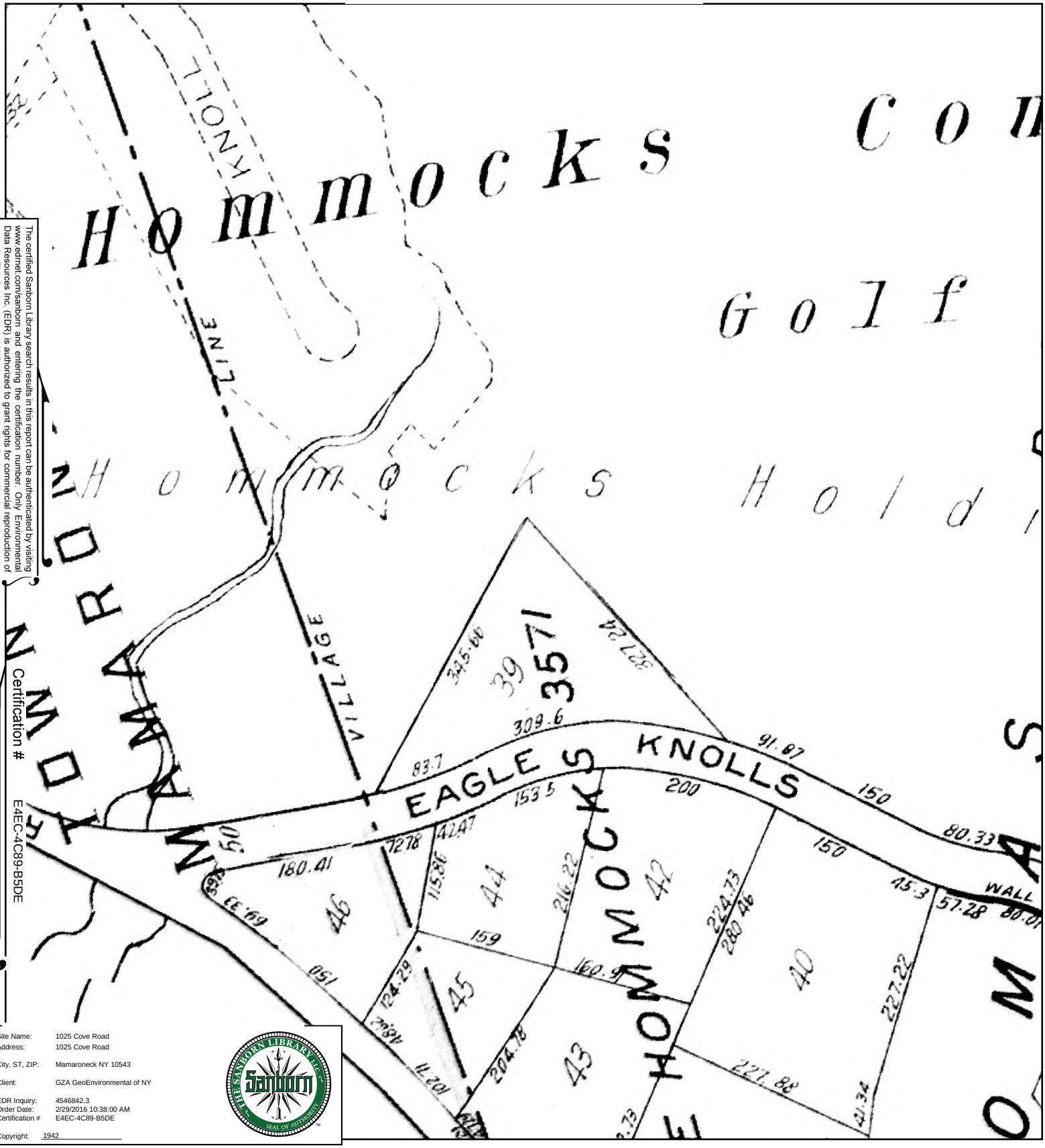
N

1942 Certified Sanborn Map



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Site Name:	1025 Cove Road
Address:	1025 Cove Road
City, ST, ZIP:	Mamaroneck NY 10543
Client:	GZA GeoEnvironmental of NY
EDR Inquiry:	4546842.3
Order Date:	2/29/2016 10:38:00 AM
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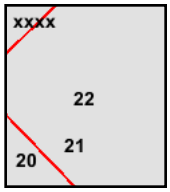
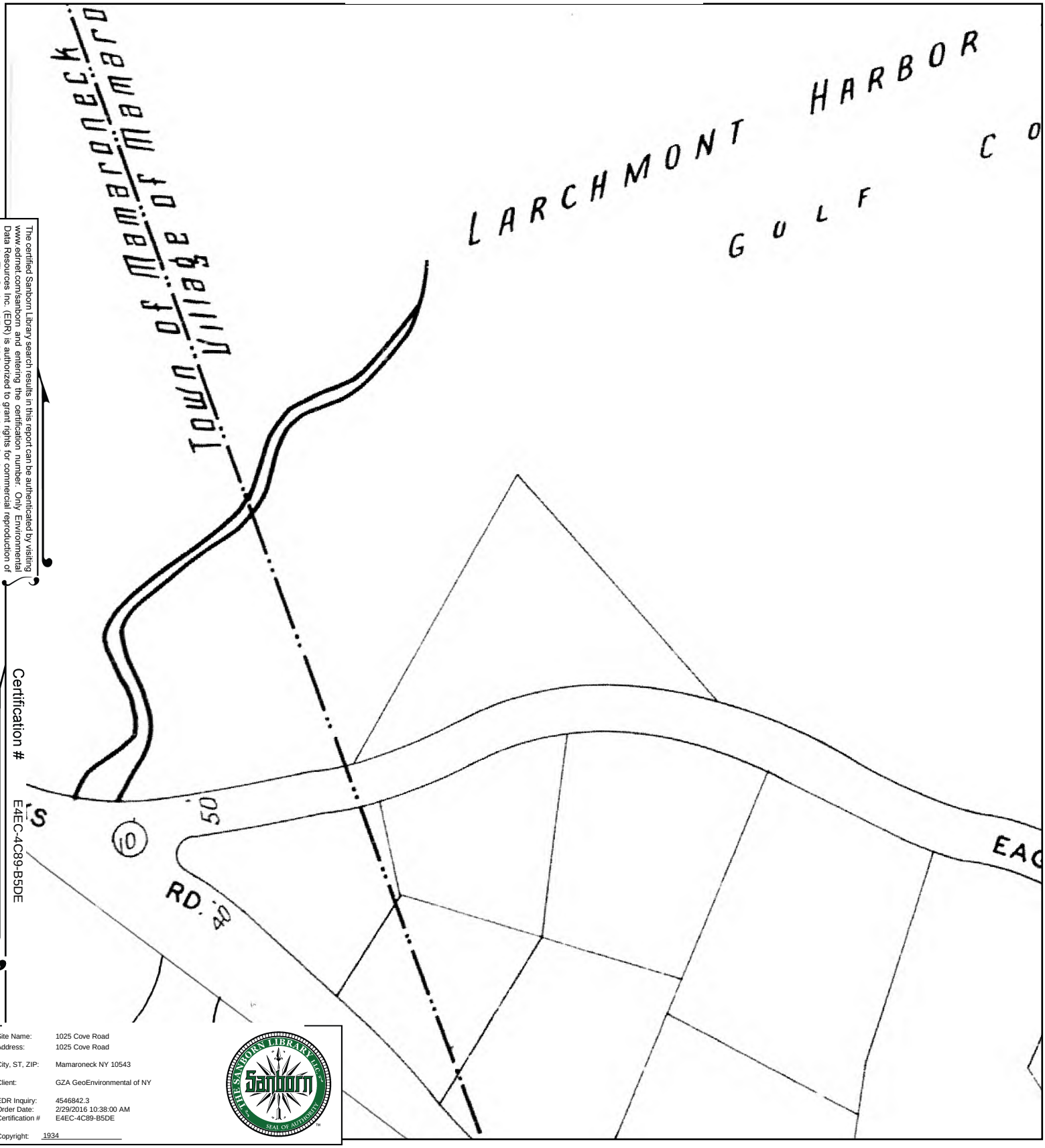


Volume 1, Sheet 21
Volume 1, Sheet 22

N

1934 Certified Sanborn Map



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City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
EDR Inquiry: 4546842.3
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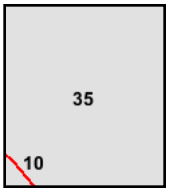

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Volume 1, Sheet 35

0 Feet 165 330 660

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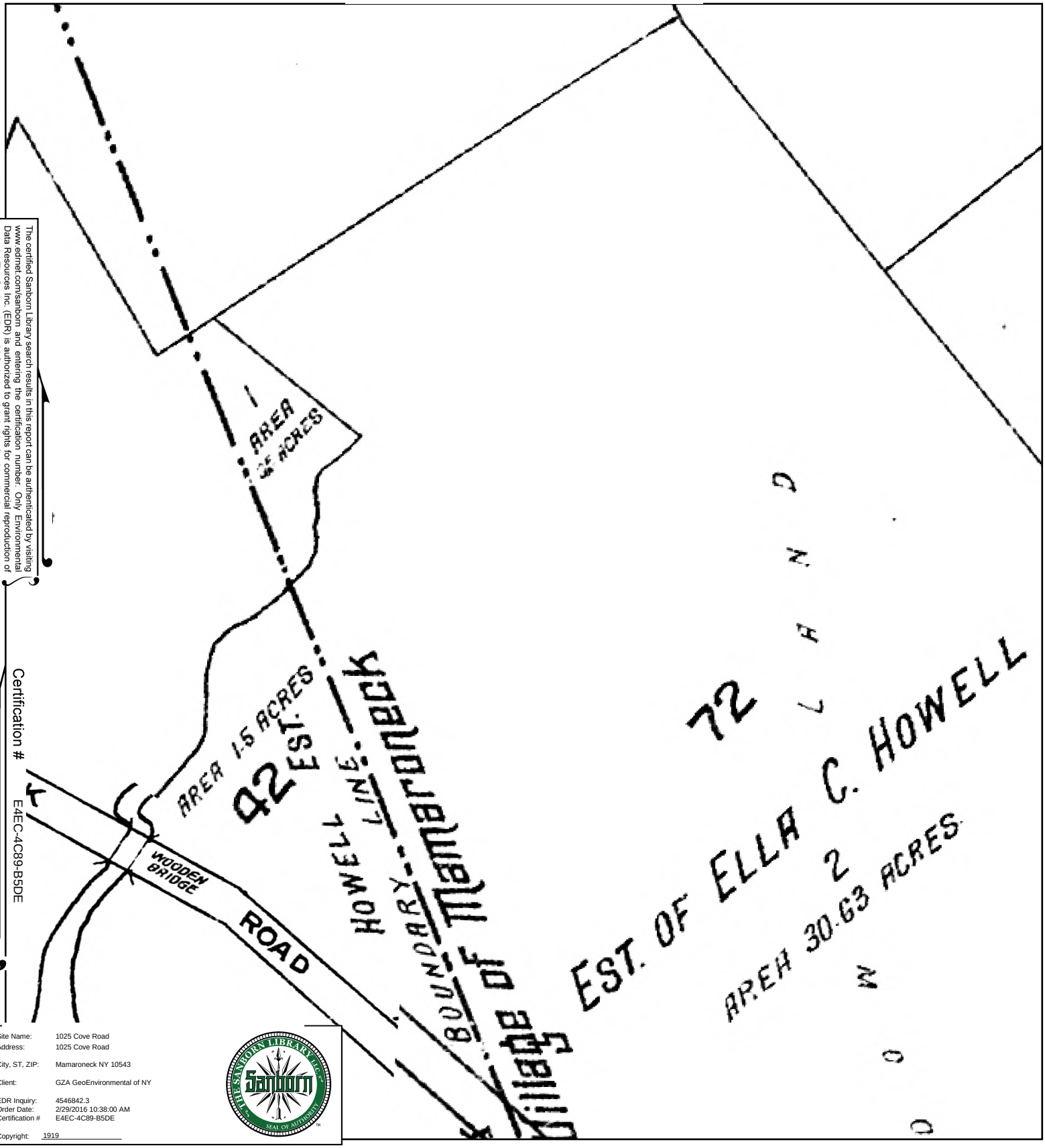
1919 Certified Sanborn Map



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Address: 1025 Cove Road
City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
EDR Inquiry: 4546842.3
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Certification # E4EC-4C89-B5DE
Copyright: 1919

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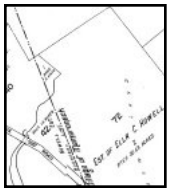

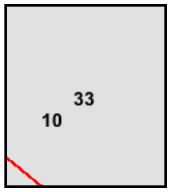

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Volume 1, Sheet 33

0 Feet 165 330 660

N

1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.3
February 29, 2016

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Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/29/16

Site Name:
1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Client Name:
GZA GeoEnvironmental of NY
104 West 29th St
New York, NY 10001

EDR Inquiry # 4546842.3

Contact: RAHUL BHATIA

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, State, Zip: Mamaroneck, NY 10543
Cross Street:
P.O. # 41.0162403.00
Project: 41.0162403.00
Certification # E4EC-4C89-B5DE

Maps Provided:

2003	1963
1996	1950
1995	1942
1994	1934
1992	1919
1988	

Sanborn® Library search results
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The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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Sanborn Sheet Thumbnails

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2003 Source Sheets

Volume 1, Sheet 35

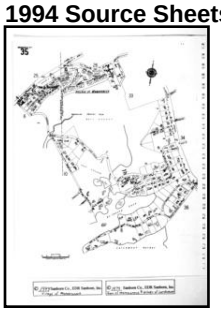
1996 Source Sheets

Volume 1, Sheet 35

1995 Source Sheets

Volume 1, Sheet 35

1994 Source Sheets

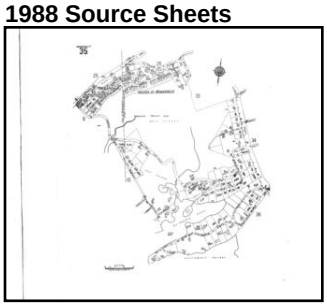


Volume 1, Sheet 35

1992 Source Sheets

Volume 1, Sheet 35

1988 Source Sheets

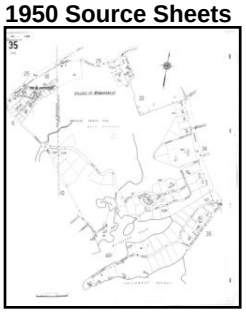


Volume 1, Sheet 35

1963 Source Sheets

Volume 1, Sheet 35

1950 Source Sheets



Volume 1, Sheet 35

1942 Source Sheets

Volume 1, Sheet 22

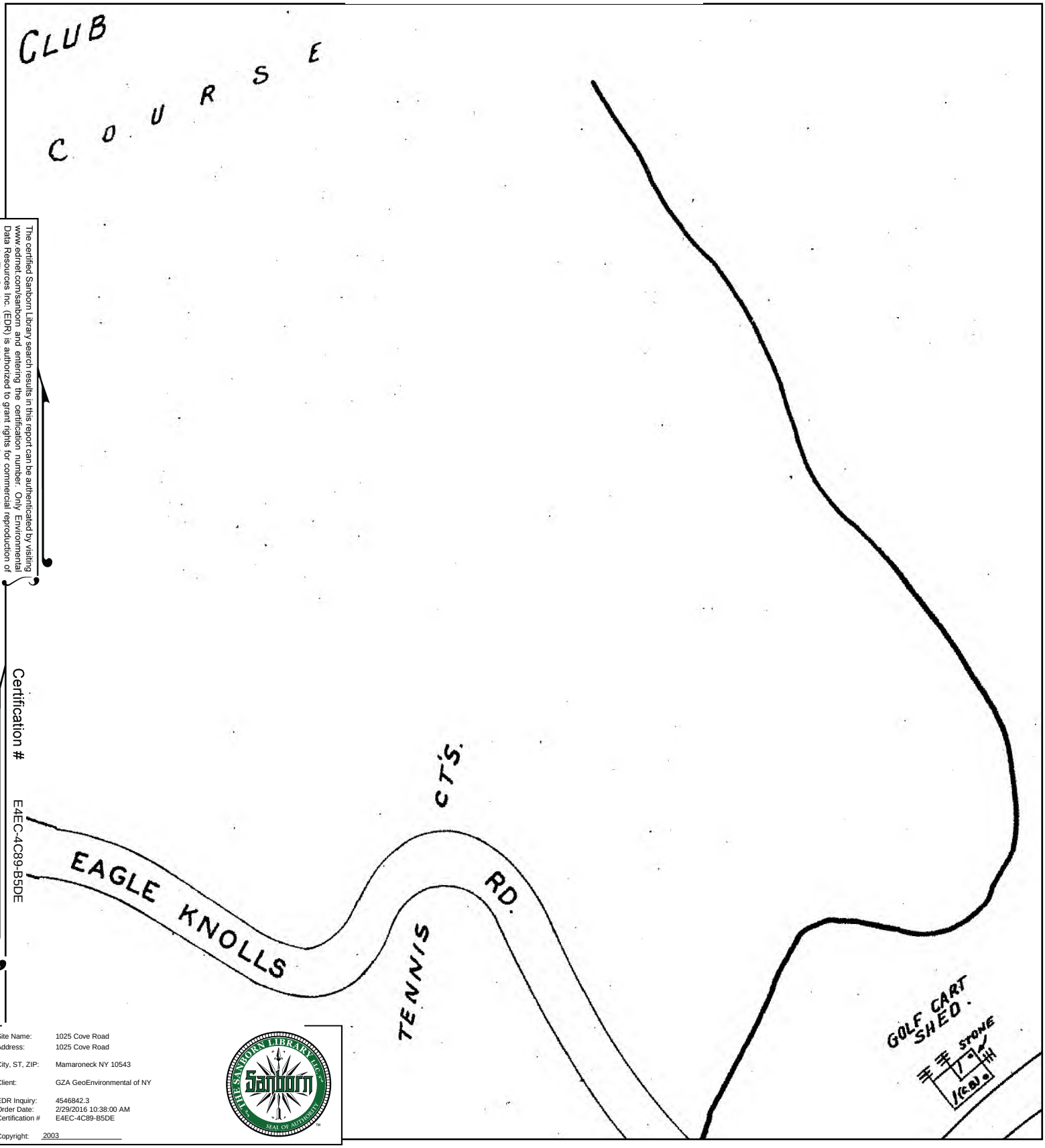
1934 Source Sheets

Volume 1, Sheet 35

1919 Source Sheets

Volume 1, Sheet 33

2003 Certified Sanborn Map



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City, ST, ZIP: Mamaroneck NY 10543

Client: GZA GeoEnvironmental of NY

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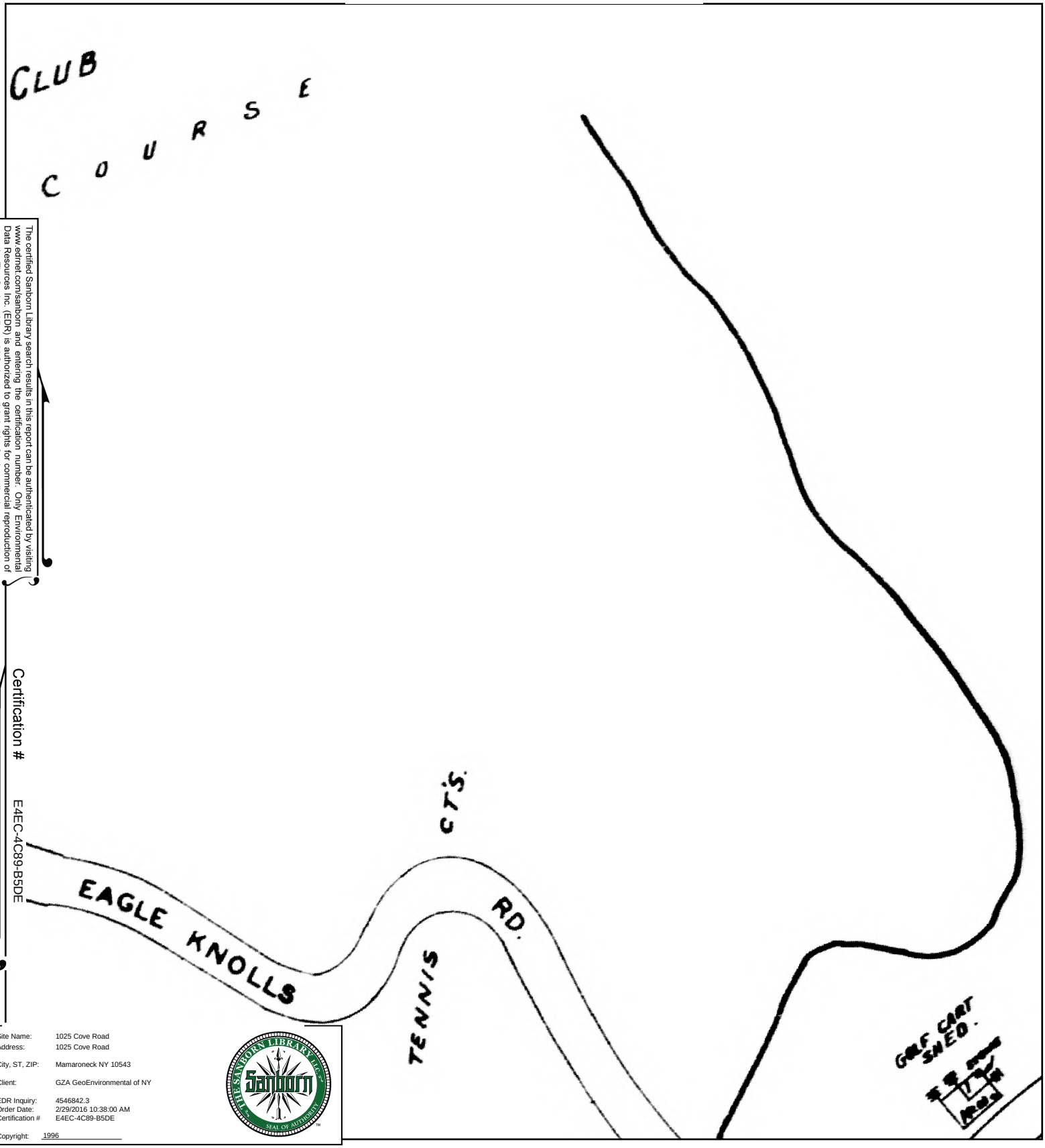

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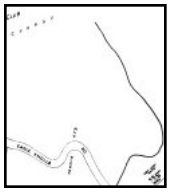

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Volume 1, Sheet 35

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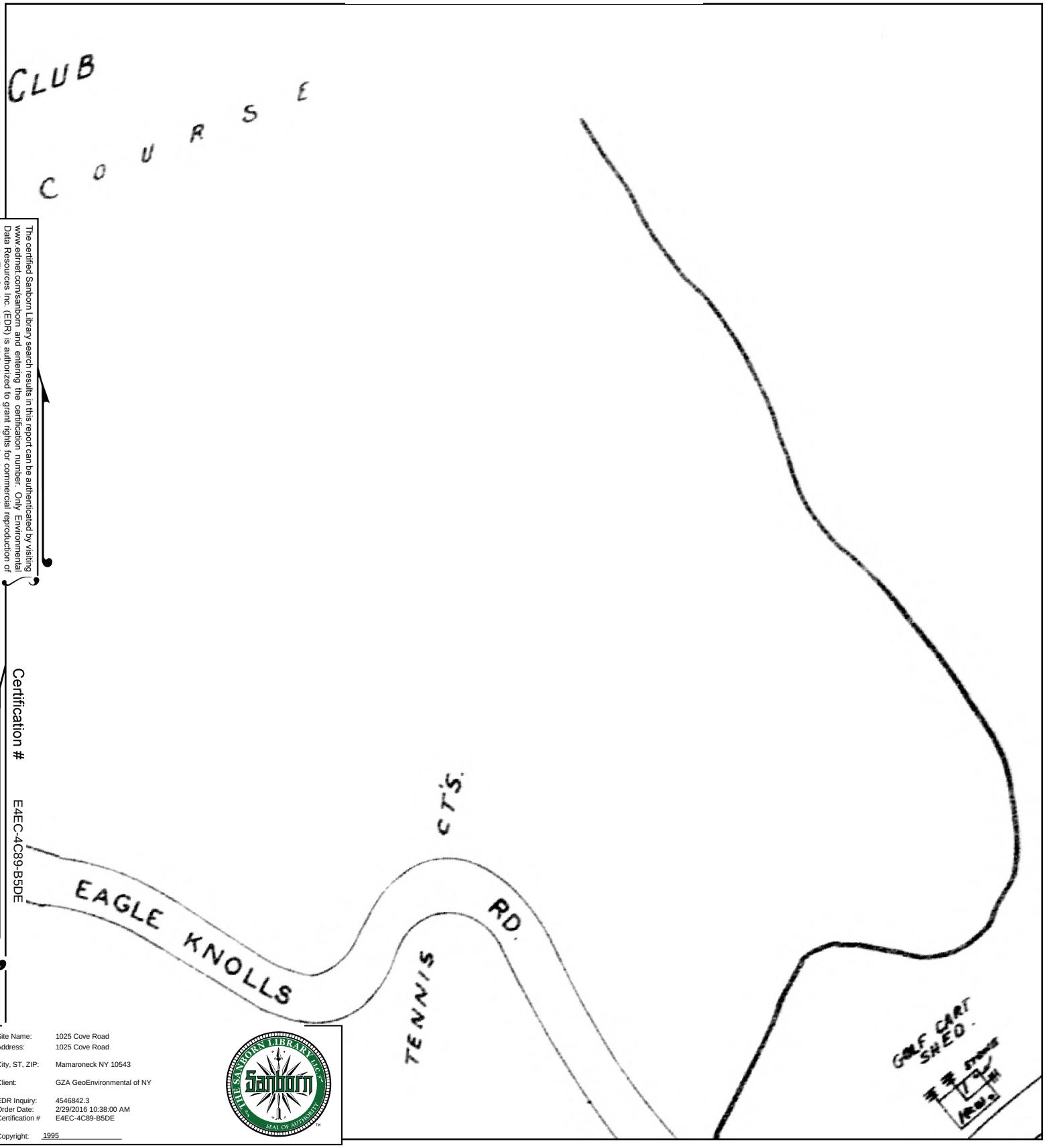

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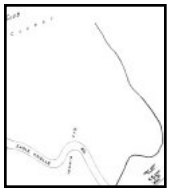

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Volume 1, Sheet 35

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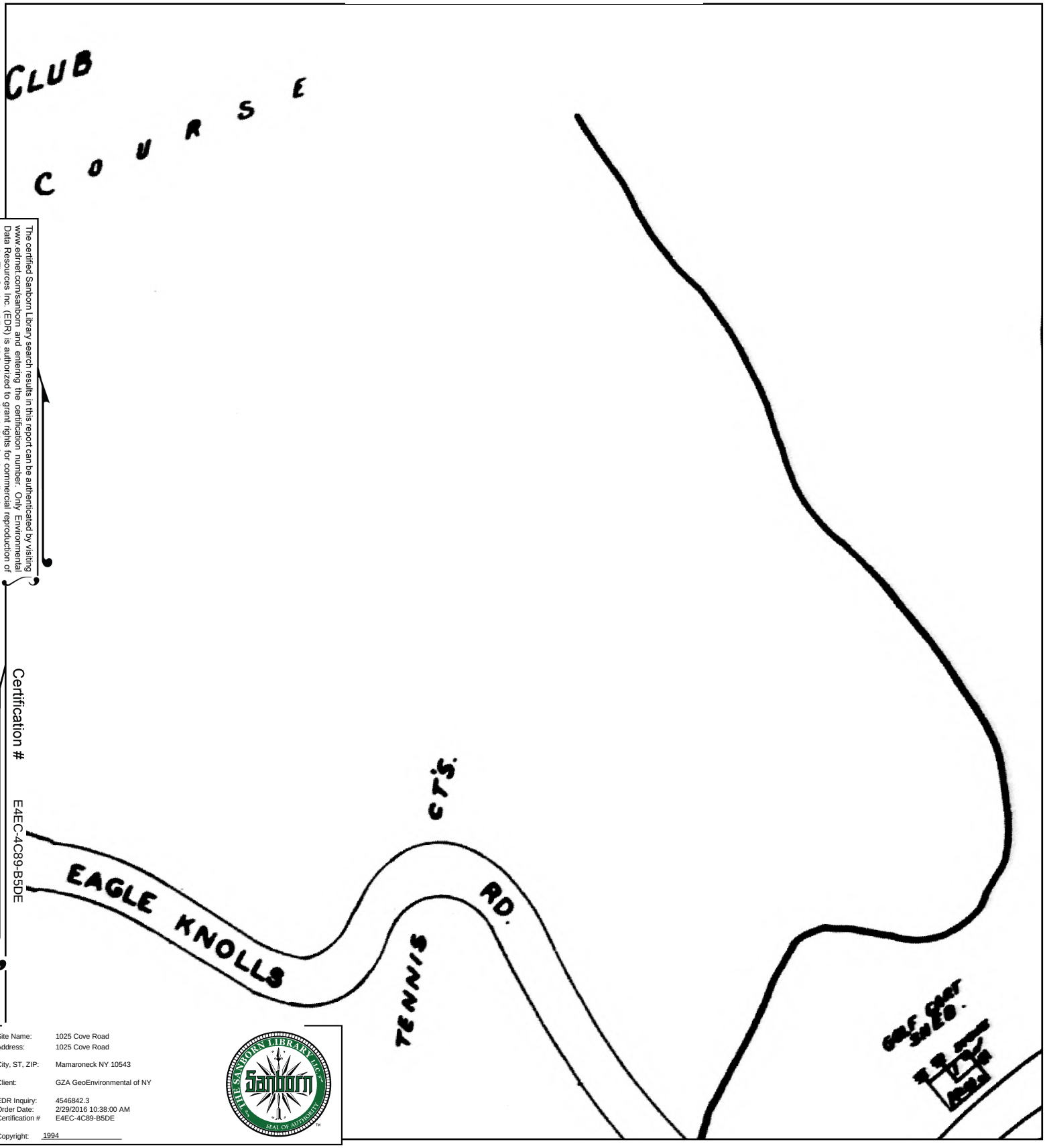

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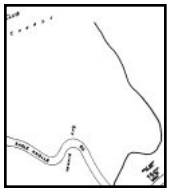

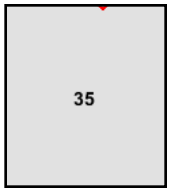

Volume 1, Sheet 35

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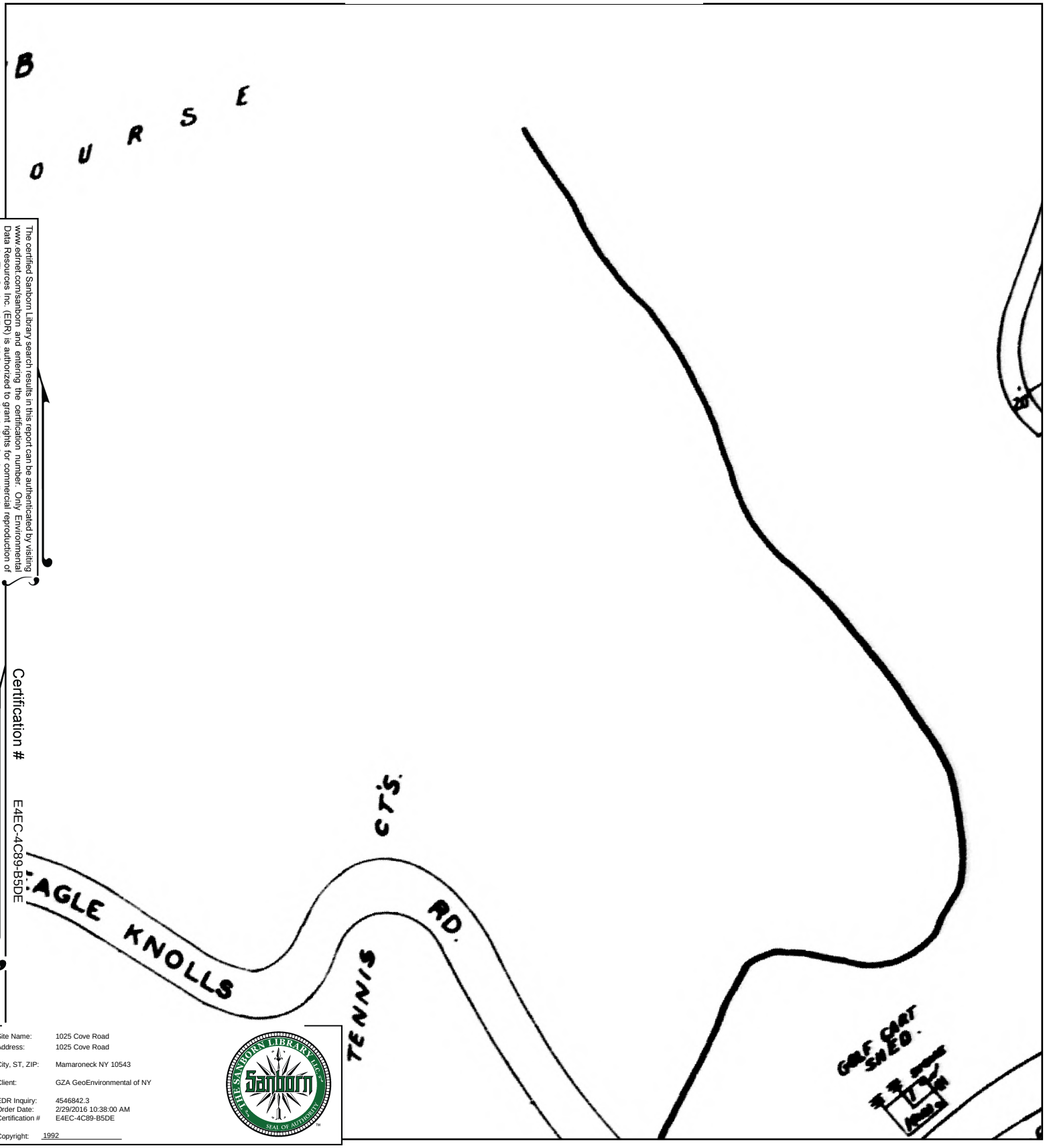

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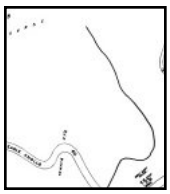

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Volume 1, Sheet 35

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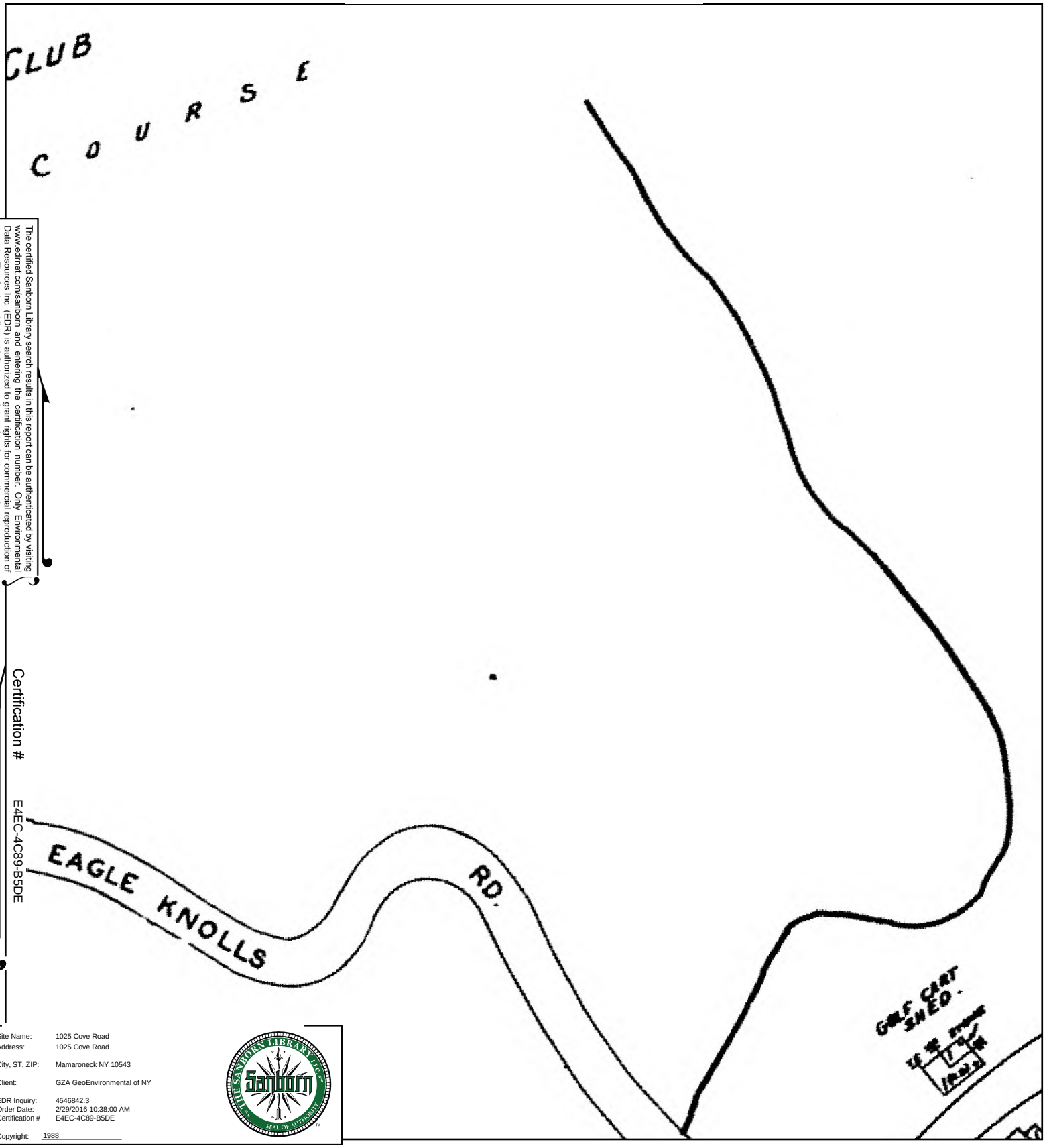
1988 Certified Sanborn Map



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City, ST, ZIP: Mamaroneck NY 10543

Client: GZA GeoEnvironmental of NY

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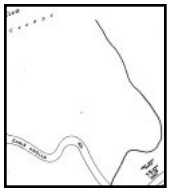

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Volume 1, Sheet 35

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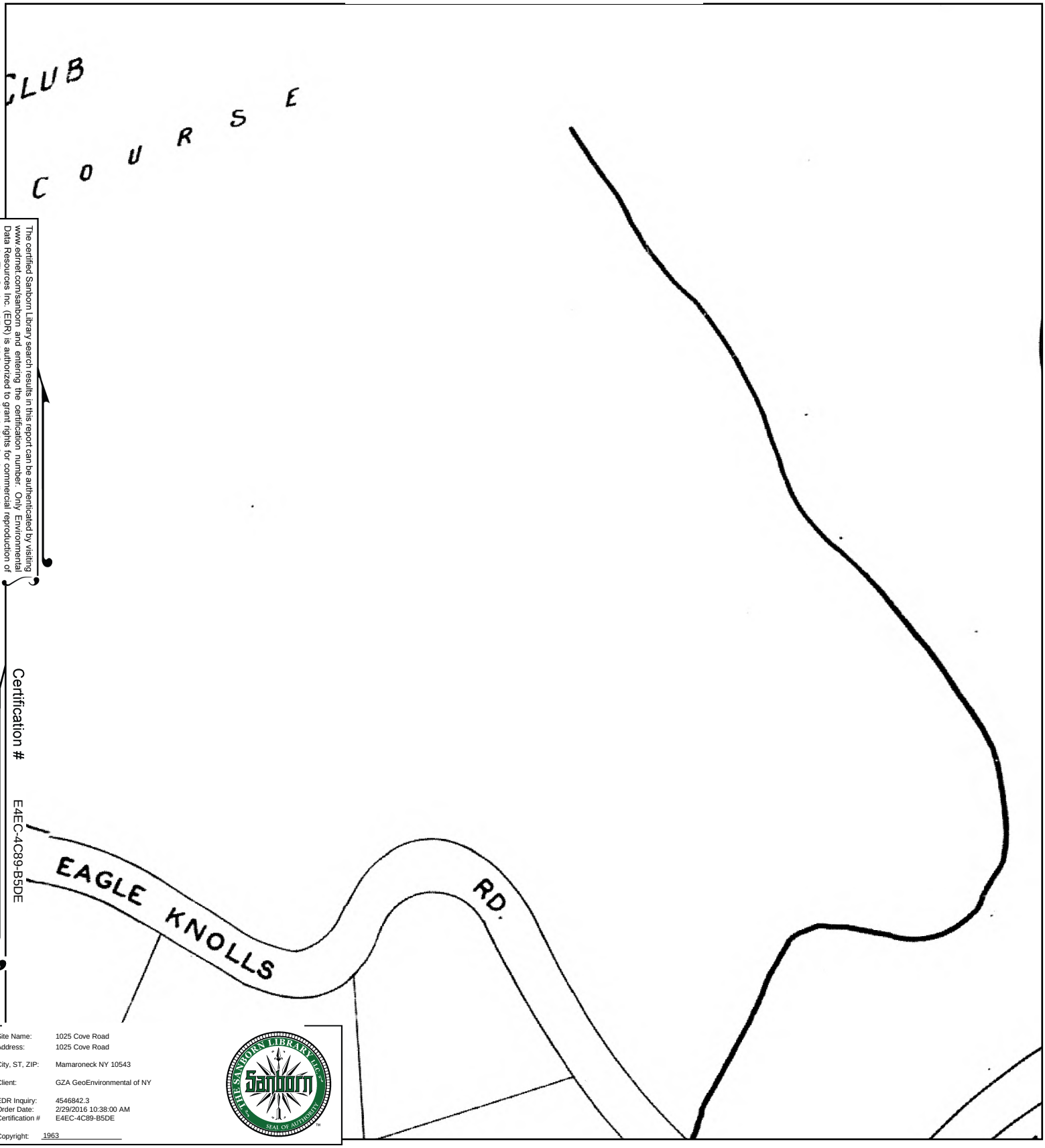
1963 Certified Sanborn Map



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City, ST, ZIP: Mamaroneck NY 10543

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Volume 1, Sheet 35

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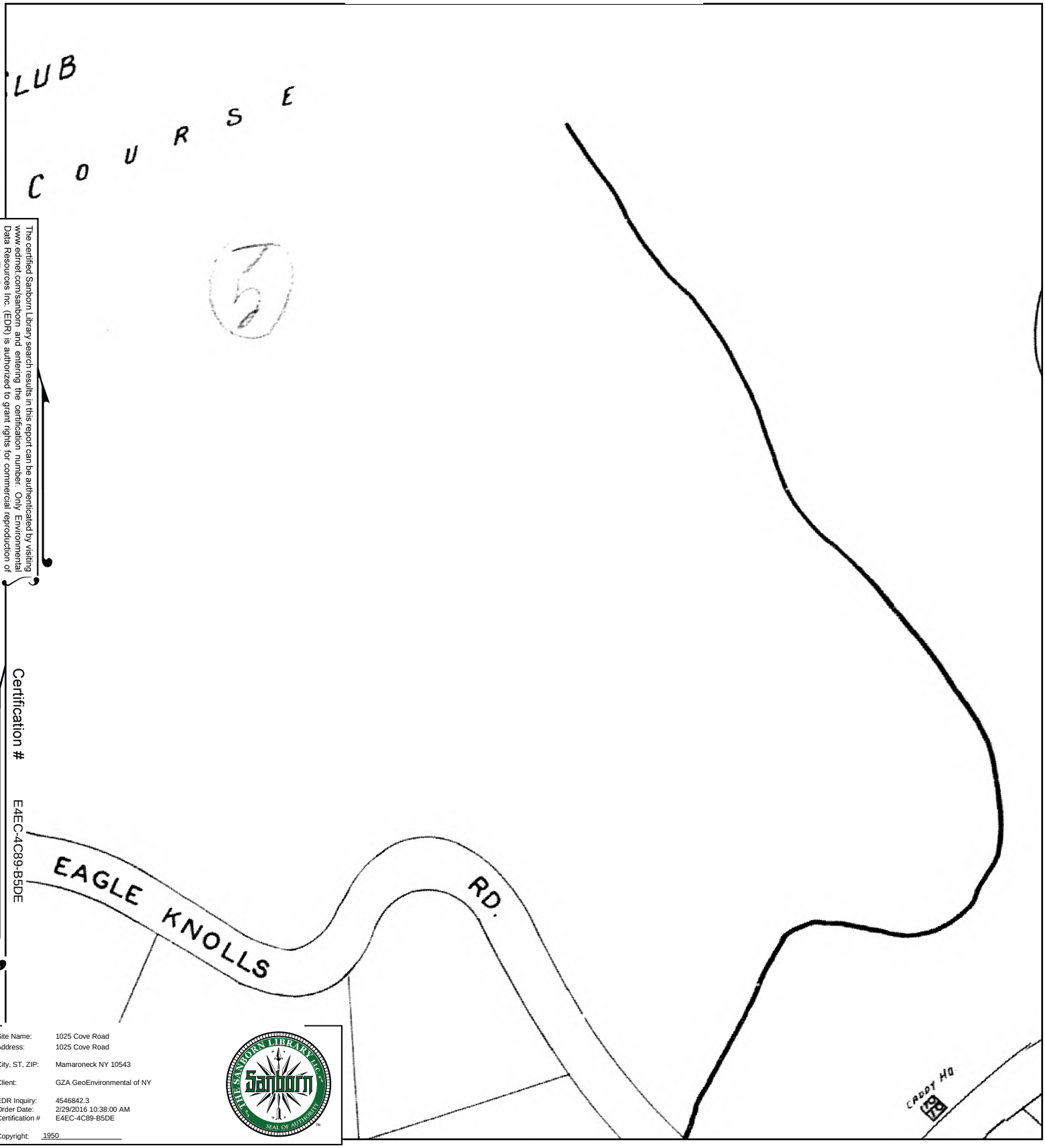

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City, ST, ZIP: Mamaroneck NY 10543

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Volume 1, Sheet 35

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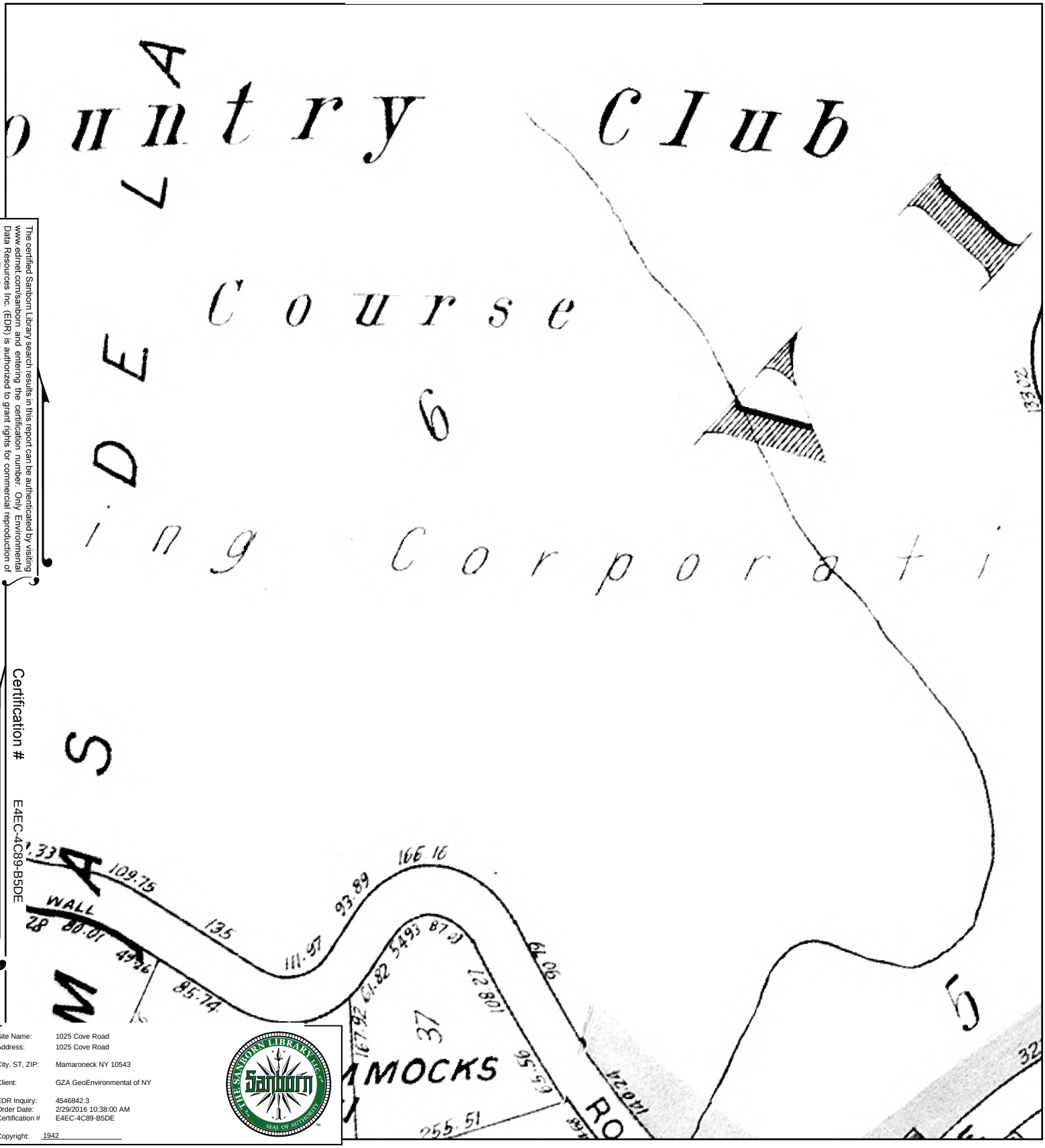
1942 Certified Sanborn Map



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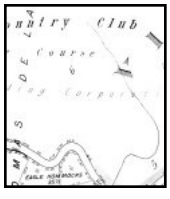

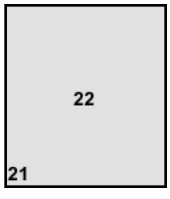

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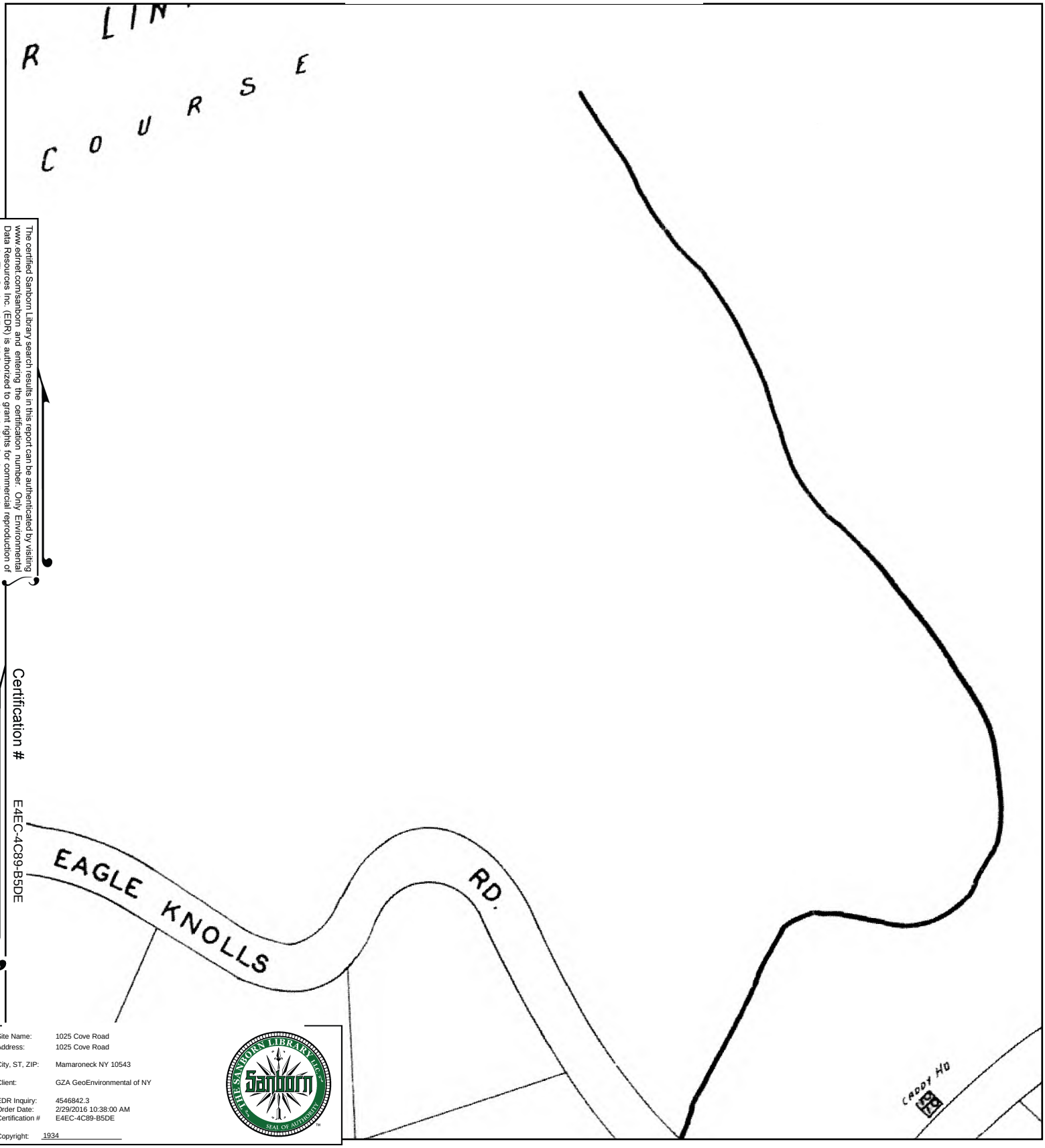
1934 Certified Sanborn Map



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Address: 1025 Cove Road
City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
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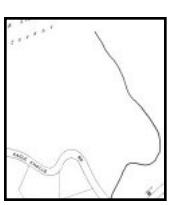

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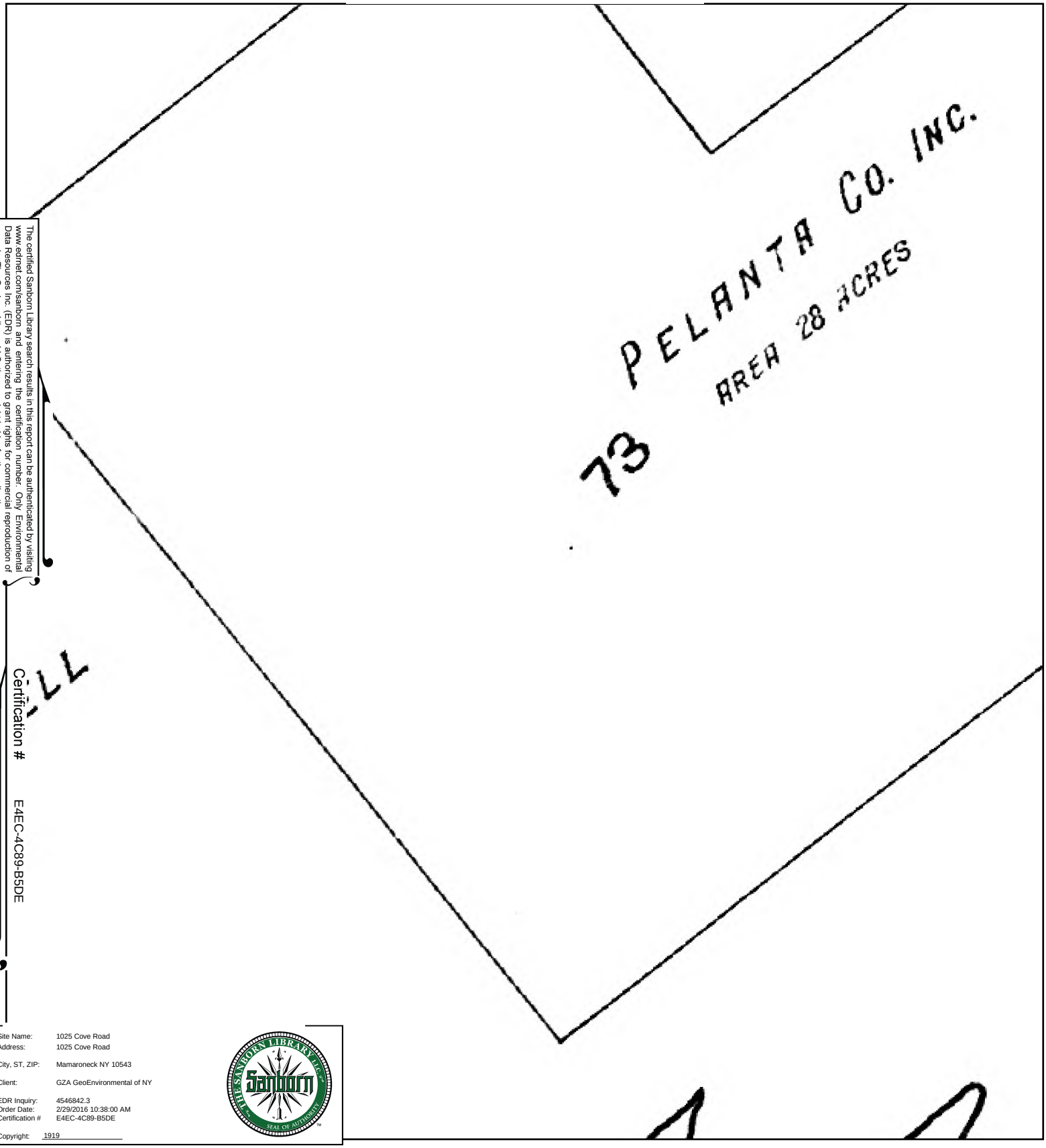
0 Feet 165 330 660

N

1919 Certified Sanborn Map



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City, ST, ZIP: Mamaroneck NY 10543

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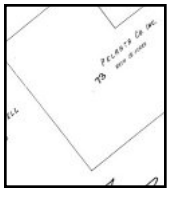

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1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.3
February 29, 2016

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Certified Sanborn® Map Report

2/29/16

Site Name:
1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Client Name:
GZA GeoEnvironmental of NY
104 West 29th St
New York, NY 10001

EDR Inquiry # 4546842.3

Contact: RAHUL BHATIA

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Certified Sanborn Results:

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, State, Zip: Mamaroneck, NY 10543
Cross Street:
P.O. # 41.0162403.00
Project: 41.0162403.00
Certification # E4EC-4C89-B5DE

Maps Provided:

2003	1963
1996	1950
1995	1942
1994	1934
1992	1919
1988	

Sanborn® Library search results
Certification # E4EC-4C89-B5DE

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
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Sanborn Sheet Thumbnails

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2003 Source Sheets

Volume 1, Sheet 35

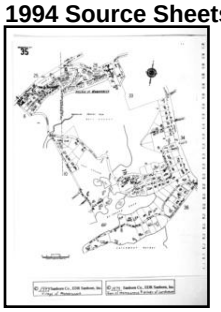
1996 Source Sheets

Volume 1, Sheet 35

1995 Source Sheets

Volume 1, Sheet 35

1994 Source Sheets

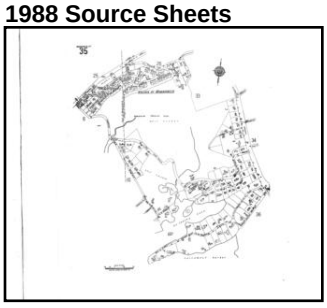


Volume 1, Sheet 35

1992 Source Sheets

Volume 1, Sheet 35

1988 Source Sheets



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1963 Source Sheets

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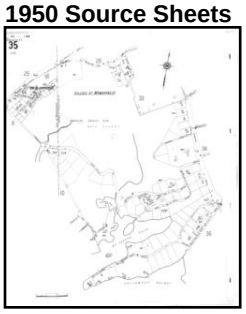
1950 Source Sheets



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1942 Source Sheets

Volume 1, Sheet 22

1934 Source Sheets

Volume 1, Sheet 35

1919 Source Sheets

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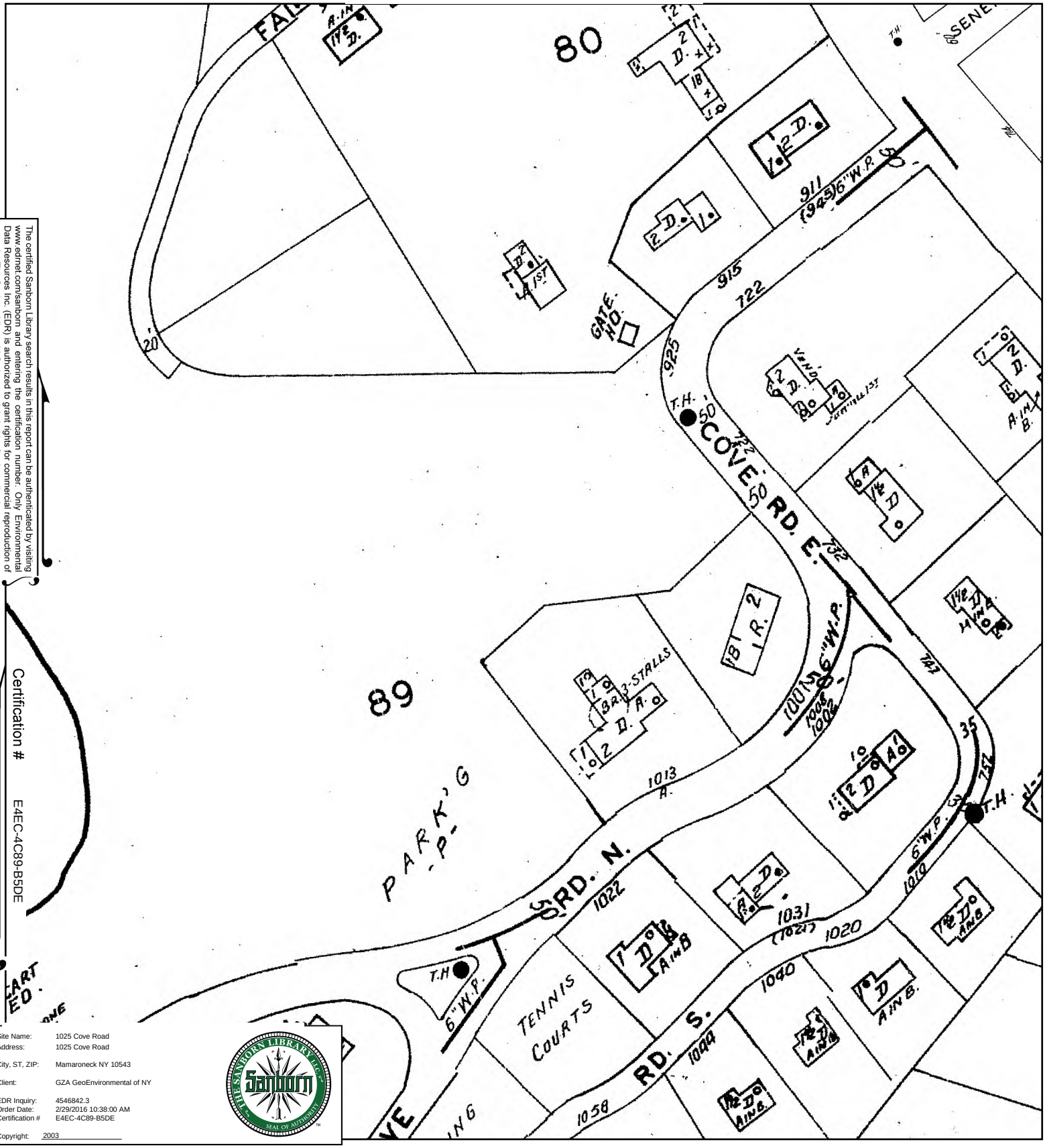
2003 Certified Sanborn Map



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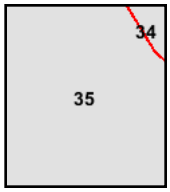

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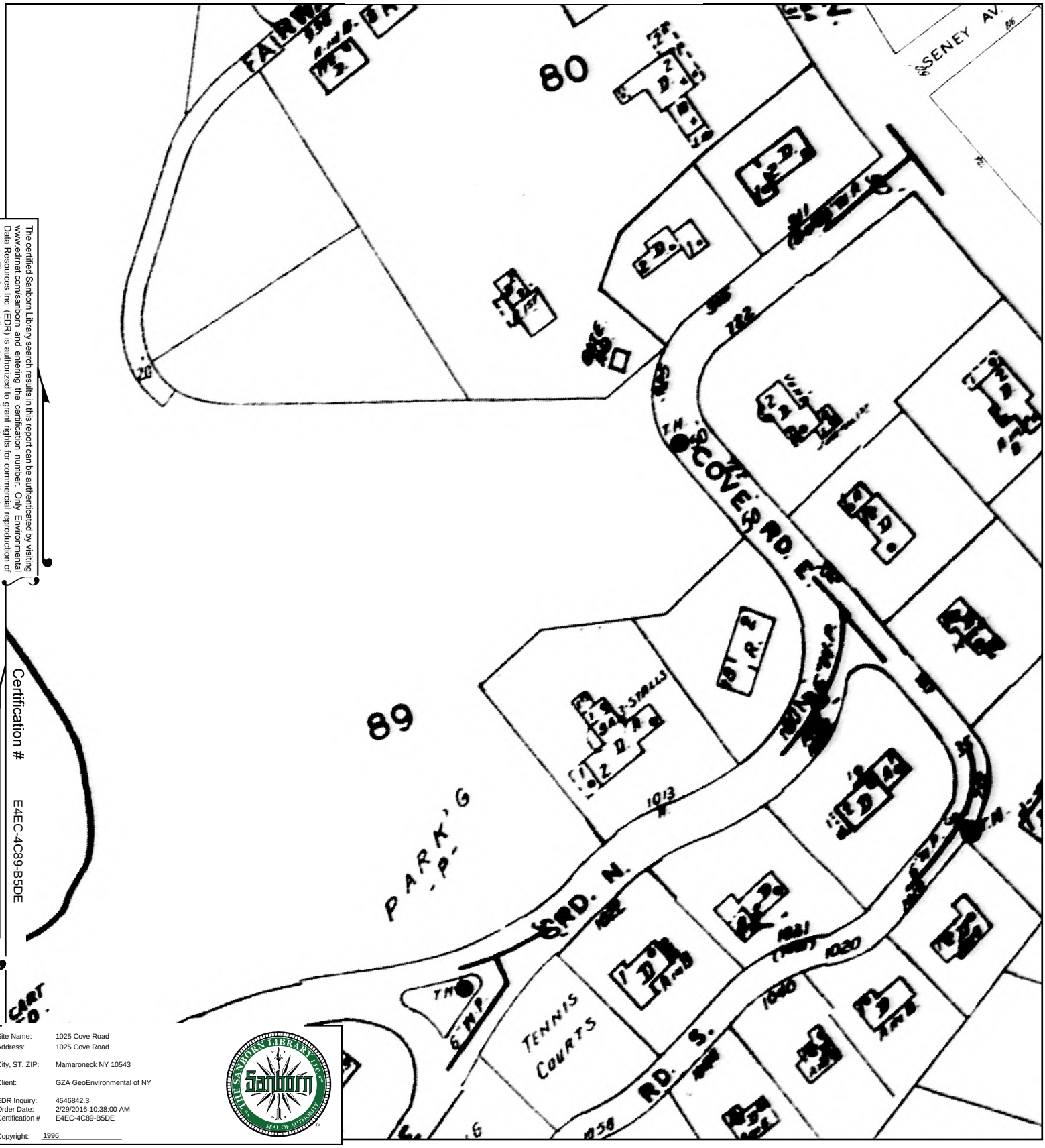
1996 Certified Sanborn Map



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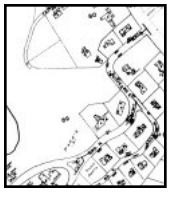

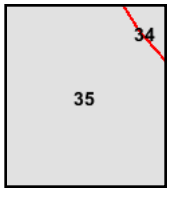

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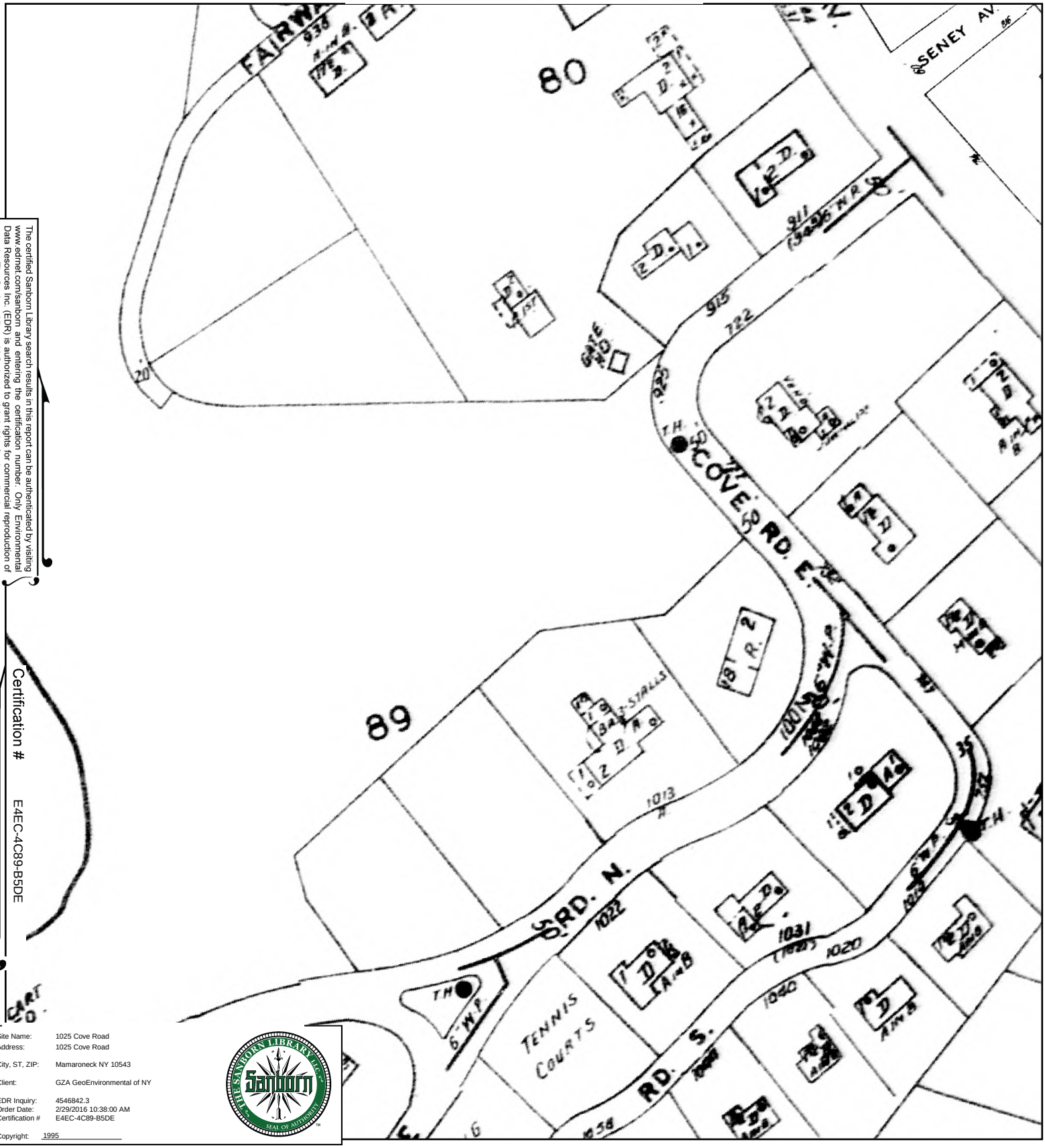
1995 Certified Sanborn Map



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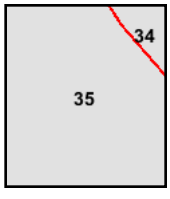

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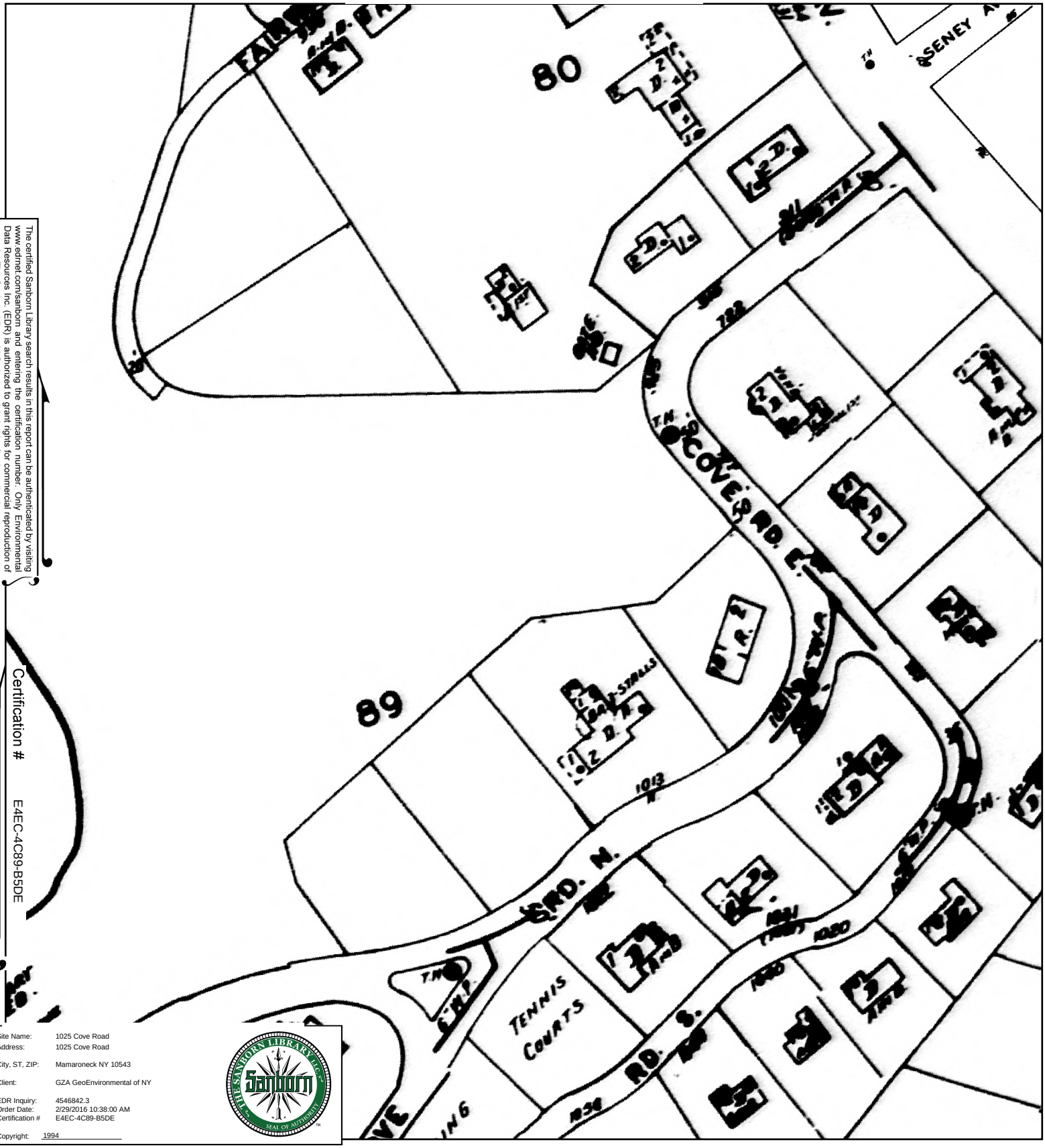

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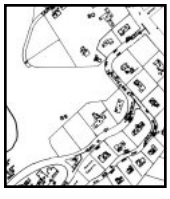

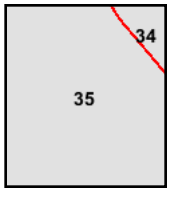

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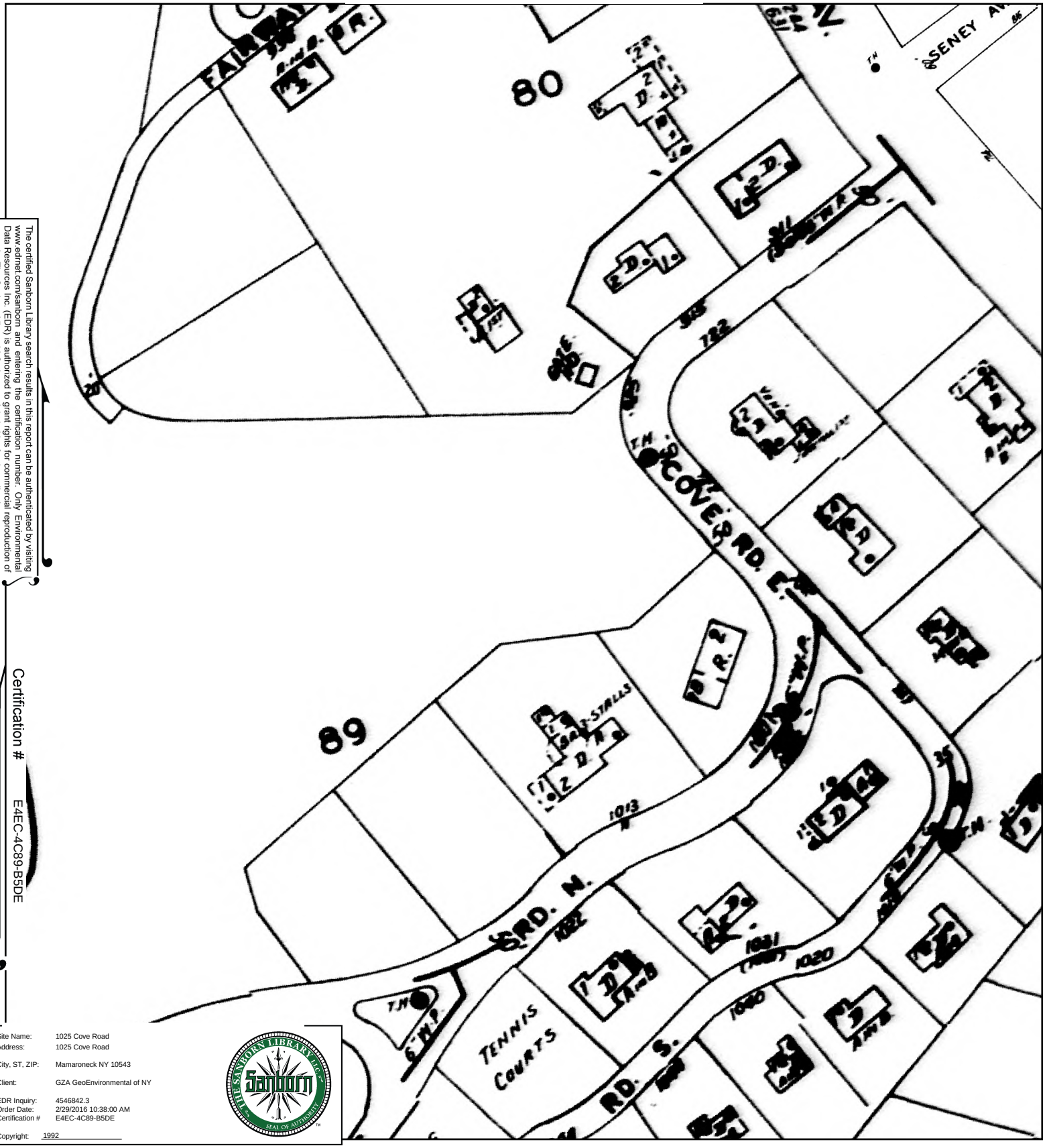

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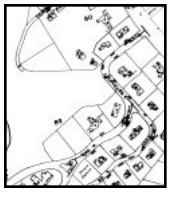

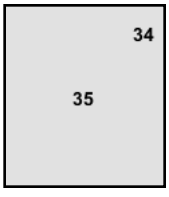

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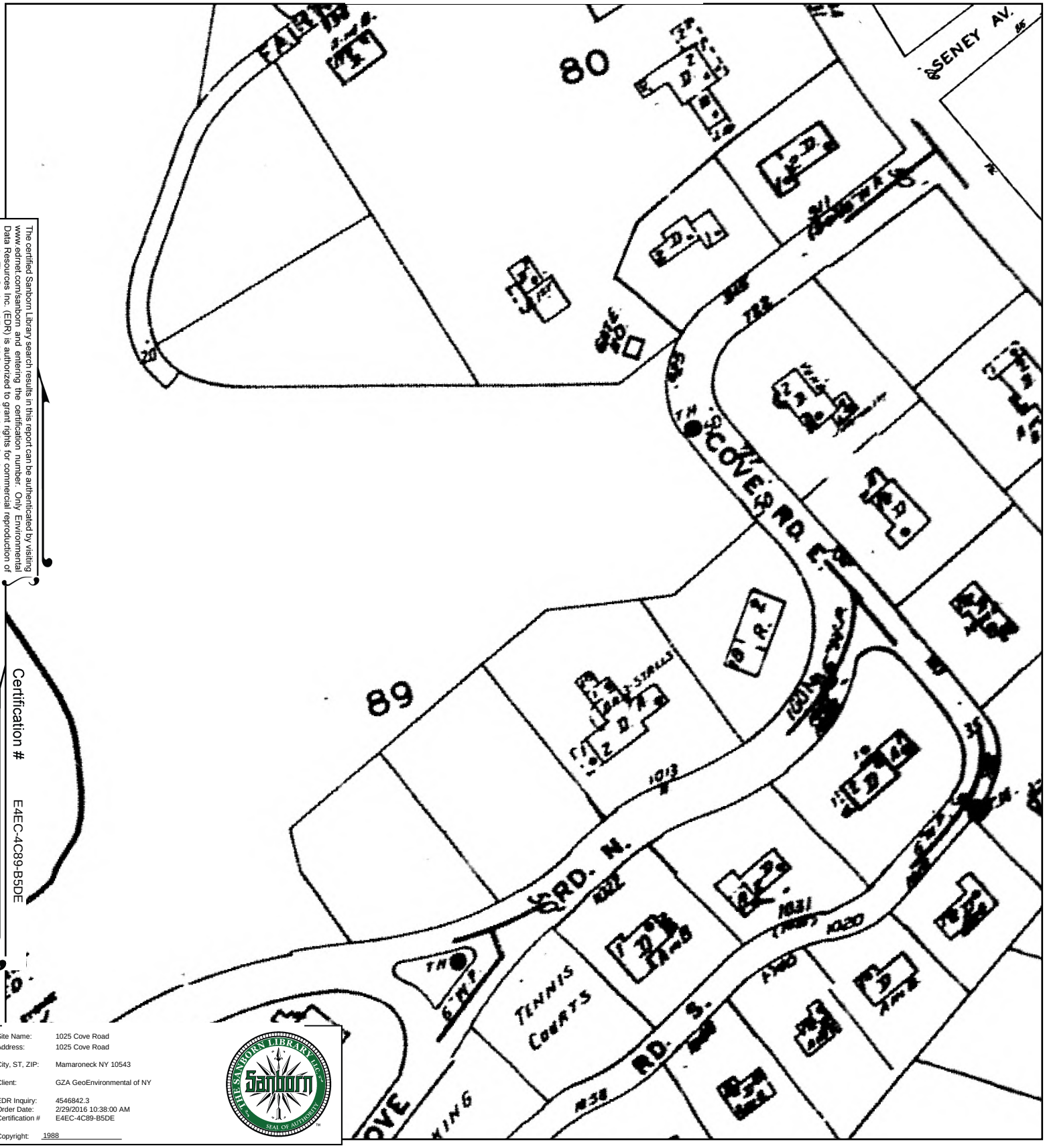
1988 Certified Sanborn Map



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City, ST, ZIP: Mamaroneck NY 10543

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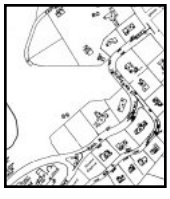

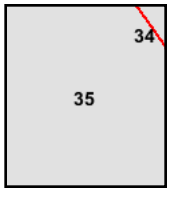

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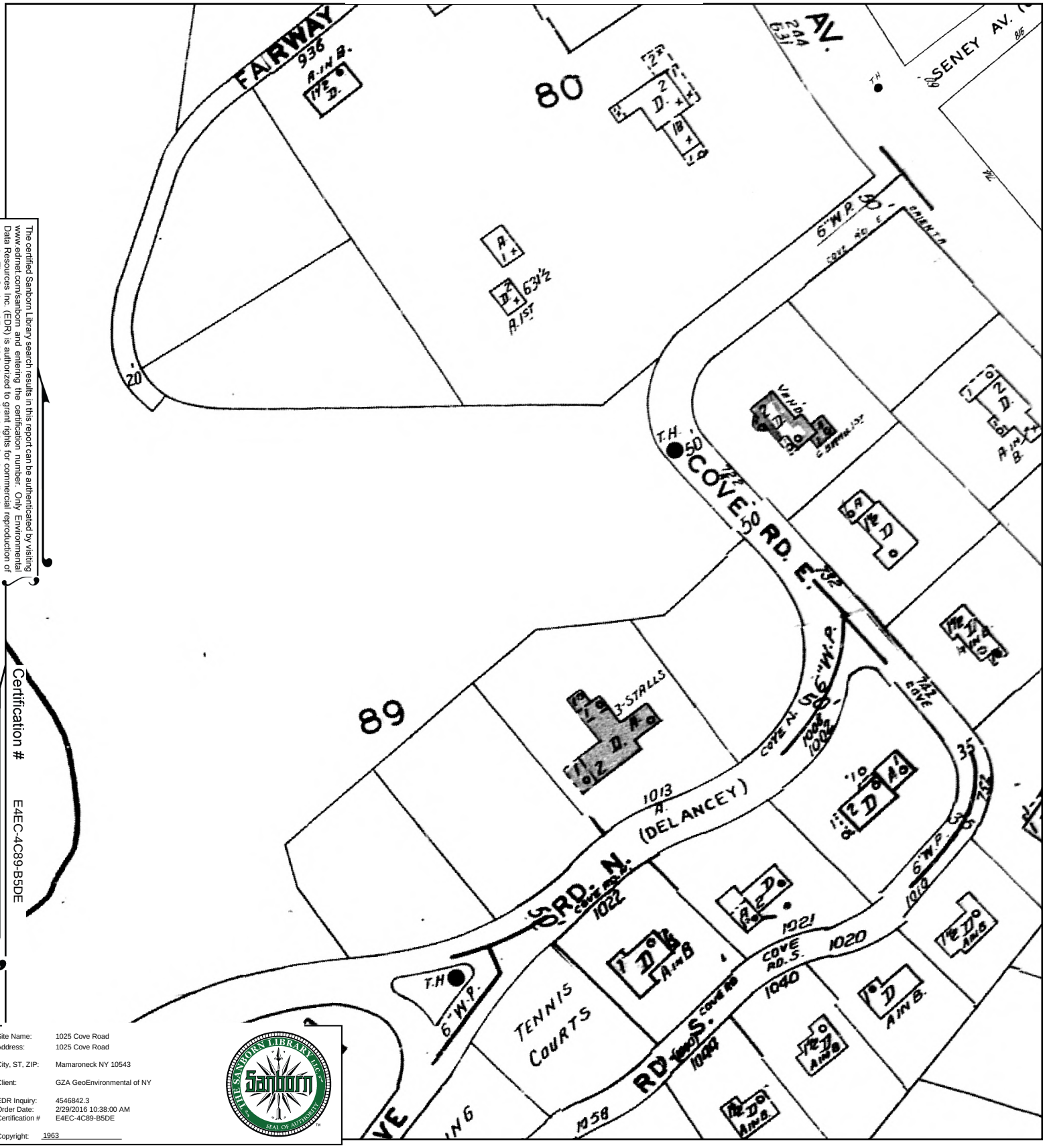
1963 Certified Sanborn Map



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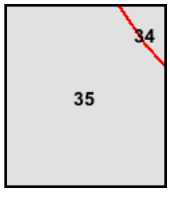

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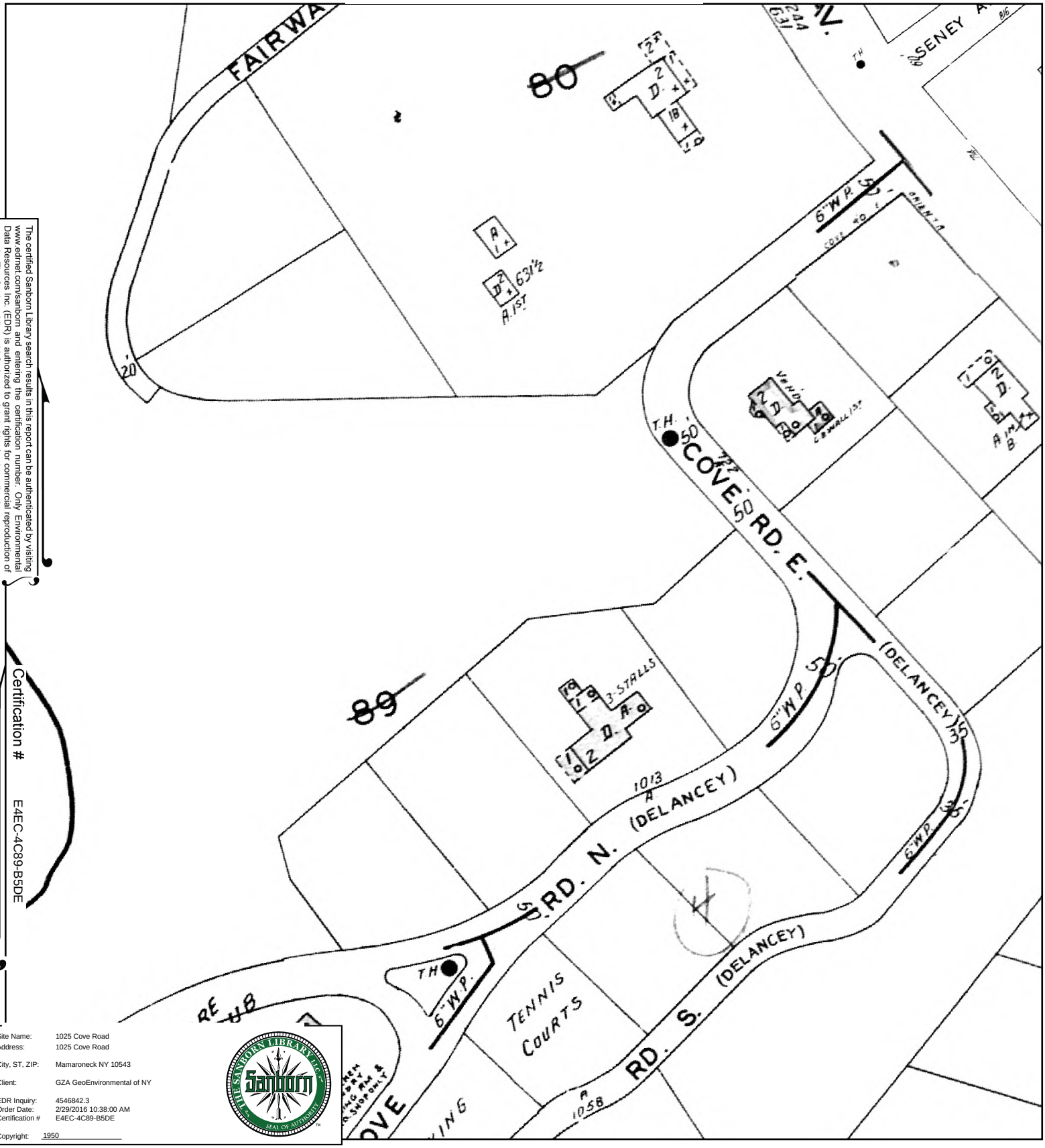
1950 Certified Sanborn Map



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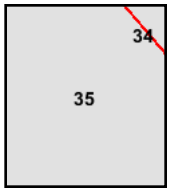

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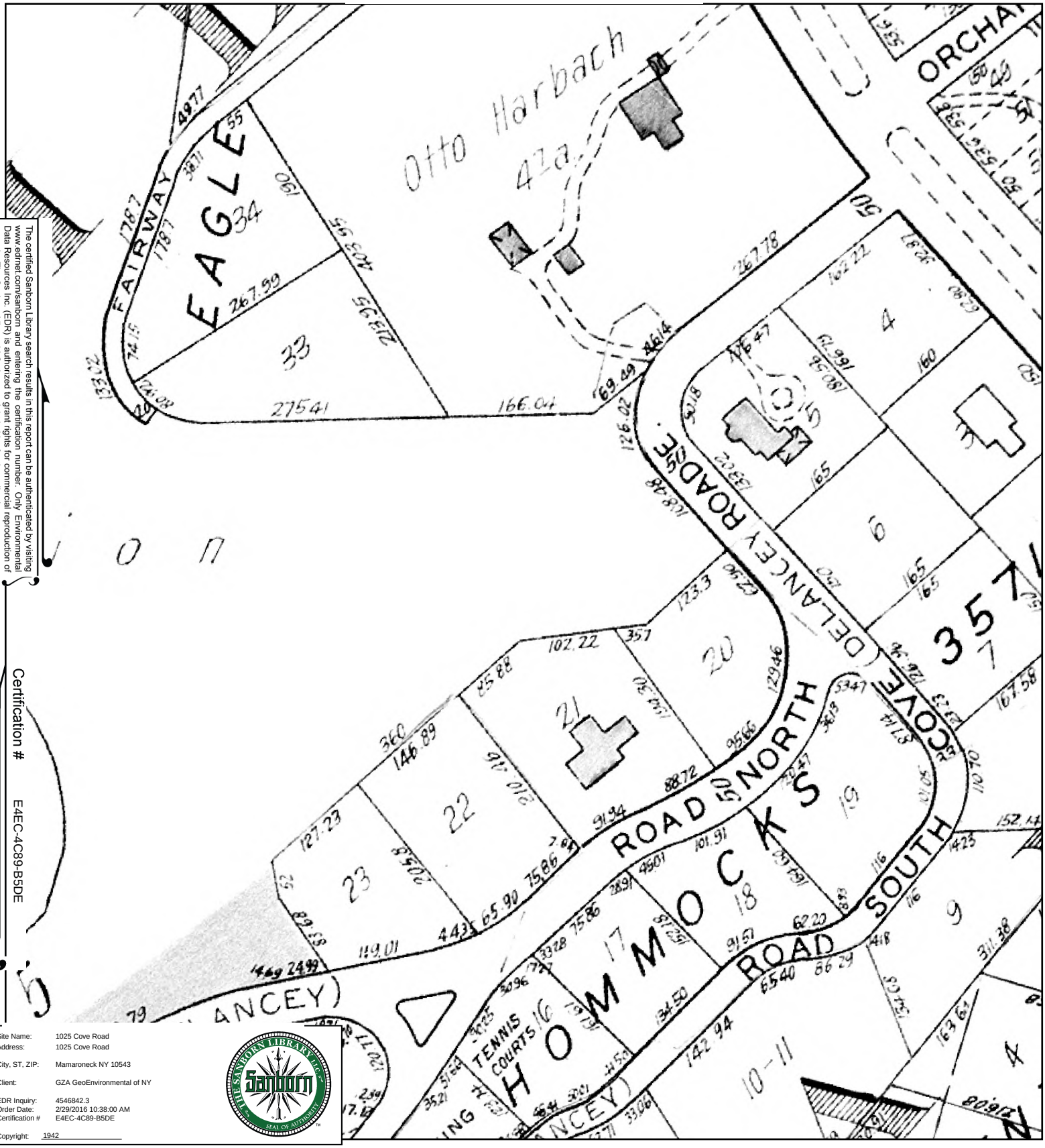
N

1942 Certified Sanborn Map



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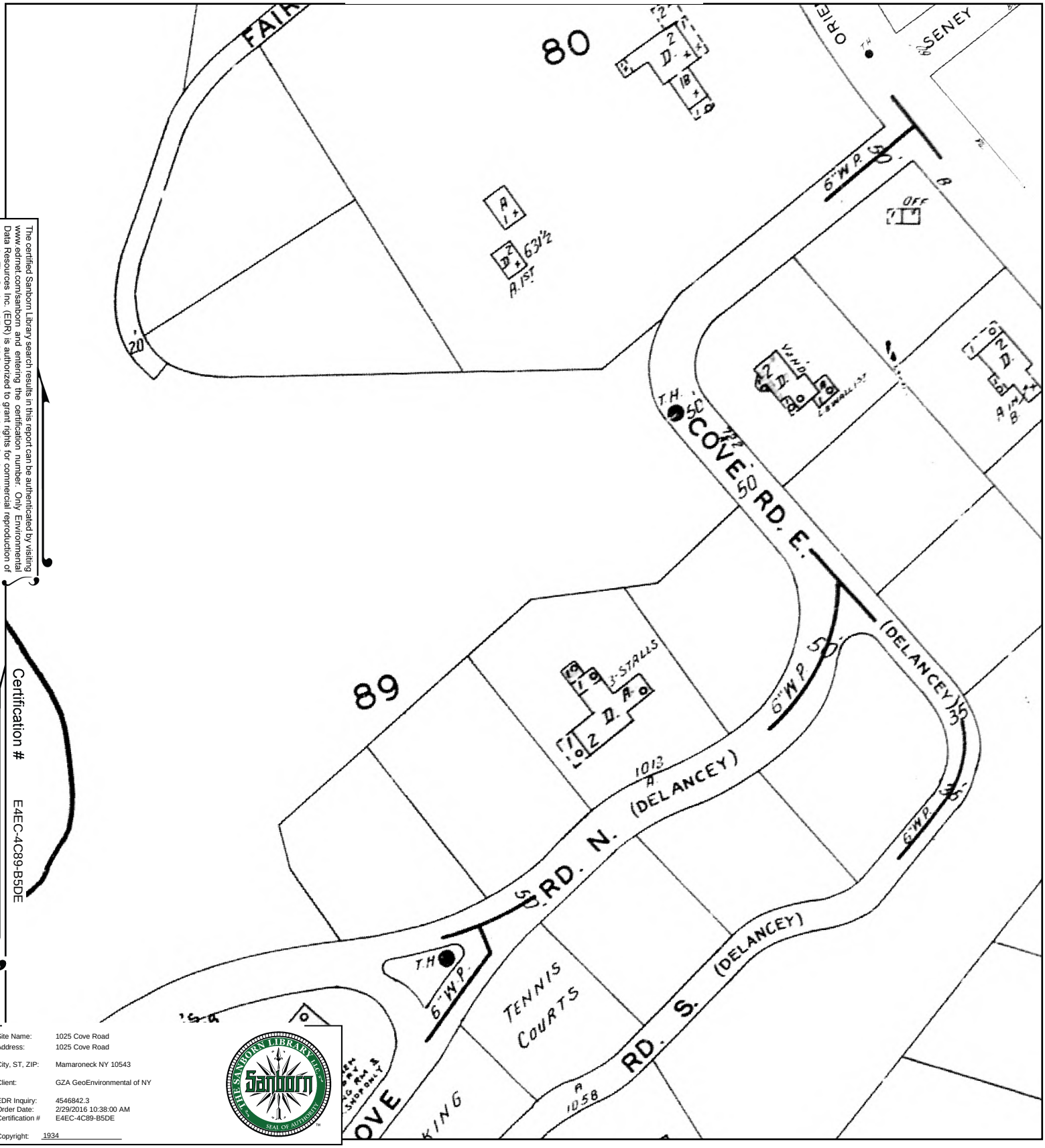
22

Volume 1, Sheet 22

N

1934 Certified Sanborn Map



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Site Name:	1025 Cove Road
Address:	1025 Cove Road
City, ST, ZIP:	Mamaroneck NY 10543
Client:	GZA GeoEnvironmental of NY
EDR Inquiry:	4546842.3
Order Date:	2/29/2016 10:38:00 AM
Certification #	E4EC-4C89-B5DE
Copyright:	1934

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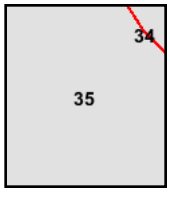
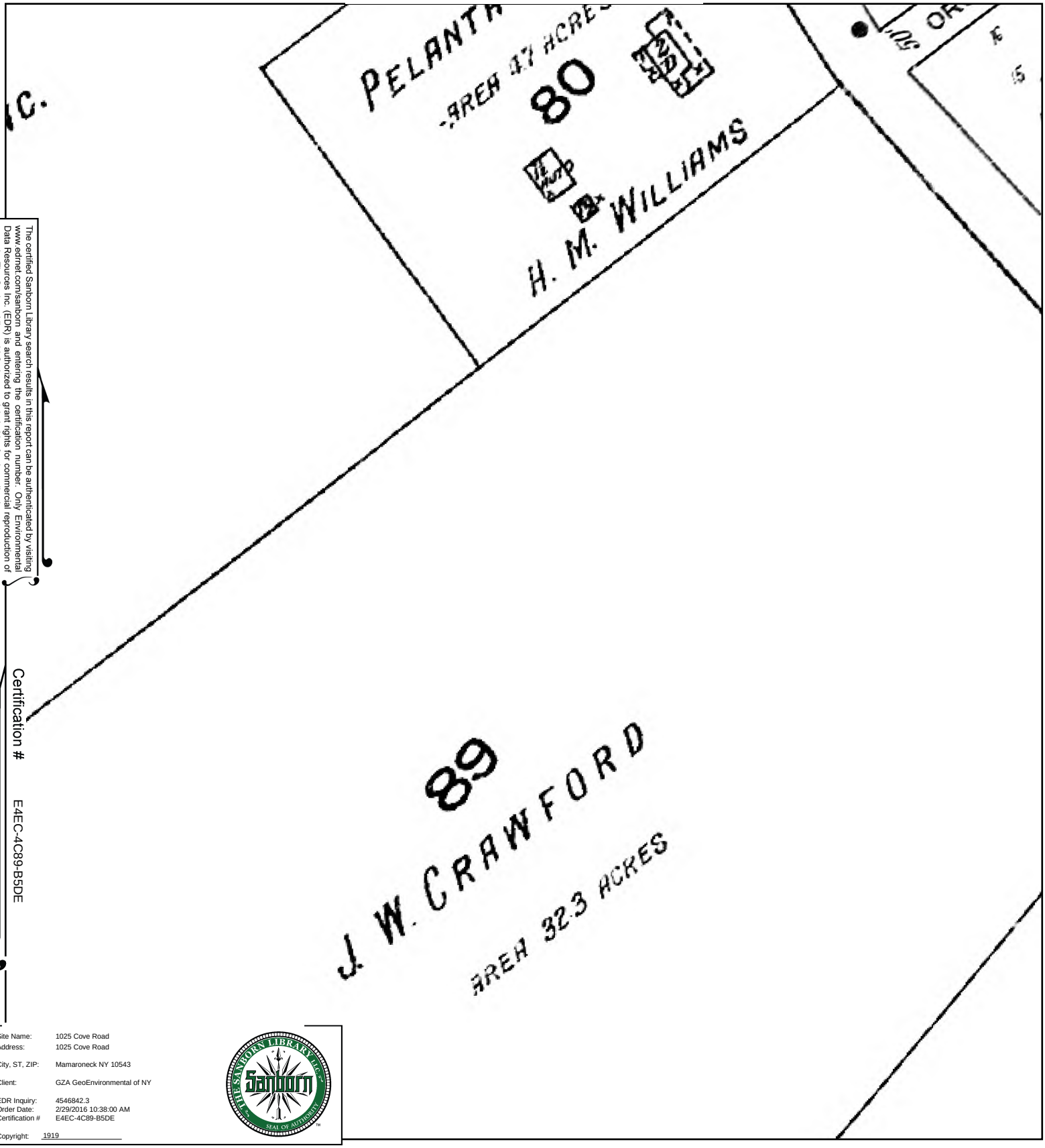


Volume 1, Sheet 35

N

1919 Certified Sanborn Map



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City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
EDR Inquiry: 4546842.3
Order Date: 2/29/2016 10:38:00 AM
Certification # E4EC-4C89-B5DE
Copyright: 1919

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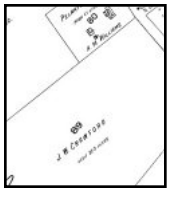

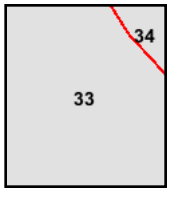

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N

1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.3
February 29, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/29/16

Site Name:
1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Client Name:
GZA GeoEnvironmental of NY
104 West 29th St
New York, NY 10001

EDR Inquiry # 4546842.3

Contact: RAHUL BHATIA

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GZA GeoEnvironmental of NY were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, State, Zip: Mamaroneck, NY 10543
Cross Street:
P.O. # 41.0162403.00
Project: 41.0162403.00
Certification # E4EC-4C89-B5DE

Maps Provided:

2003	1963
1996	1950
1995	1942
1994	1934
1992	1919
1988	

Sanborn® Library search results
Certification # E4EC-4C89-B5DE

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2003 Source Sheets

Volume 1, Sheet 35

Volume 1, Sheet 10

1996 Source Sheets

Volume 1, Sheet 10

Volume 1, Sheet 35

1995 Source Sheets

Volume 1, Sheet 35

Volume 1, Sheet 10

1994 Source Sheets

Volume 1, Sheet 10

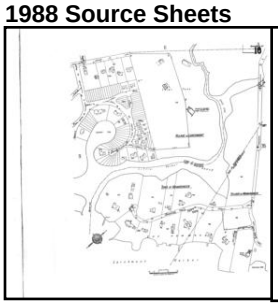
Volume 1, Sheet 35

1992 Source Sheets

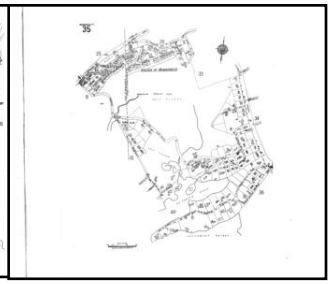
Volume 1, Sheet 10

Volume 1, Sheet 35

1988 Source Sheets



Volume 1, Sheet 10



Volume 1, Sheet 35

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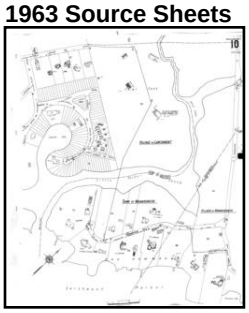

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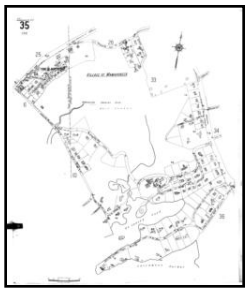

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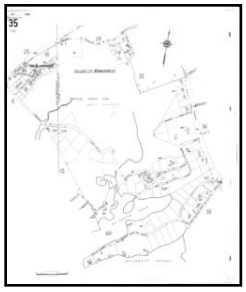
1950 Source Sheets

Volume 1, Sheet 10



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1942 Source Sheets

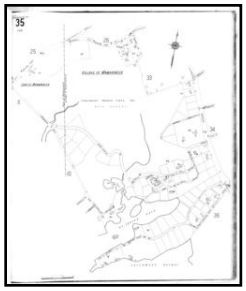
Volume 1, Sheet 21

Volume 1, Sheet 22

Volume 1, Sheet 20

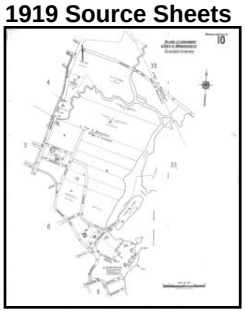
1934 Source Sheets

Volume 1, Sheet 10



Volume 1, Sheet 35

1919 Source Sheets



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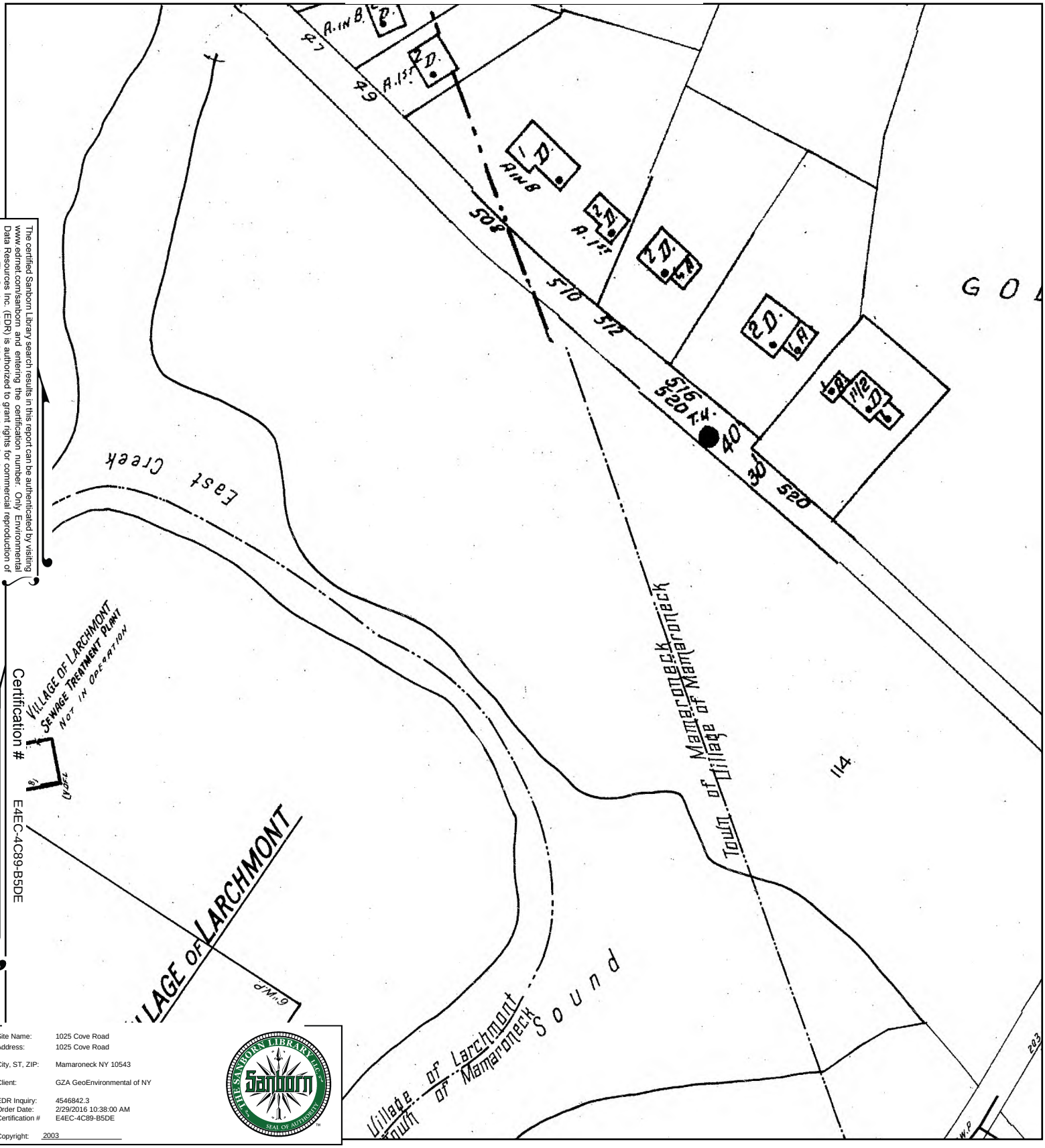
2003 Certified Sanborn Map



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Site Name:	1025 Cove Road
Address:	1025 Cove Road
City, ST, ZIP:	Mamaroneck NY 10543
Client:	GZA GeoEnvironmental of NY
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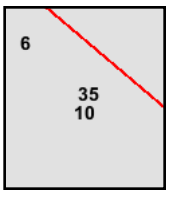

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0 Feet 165 330 660

N

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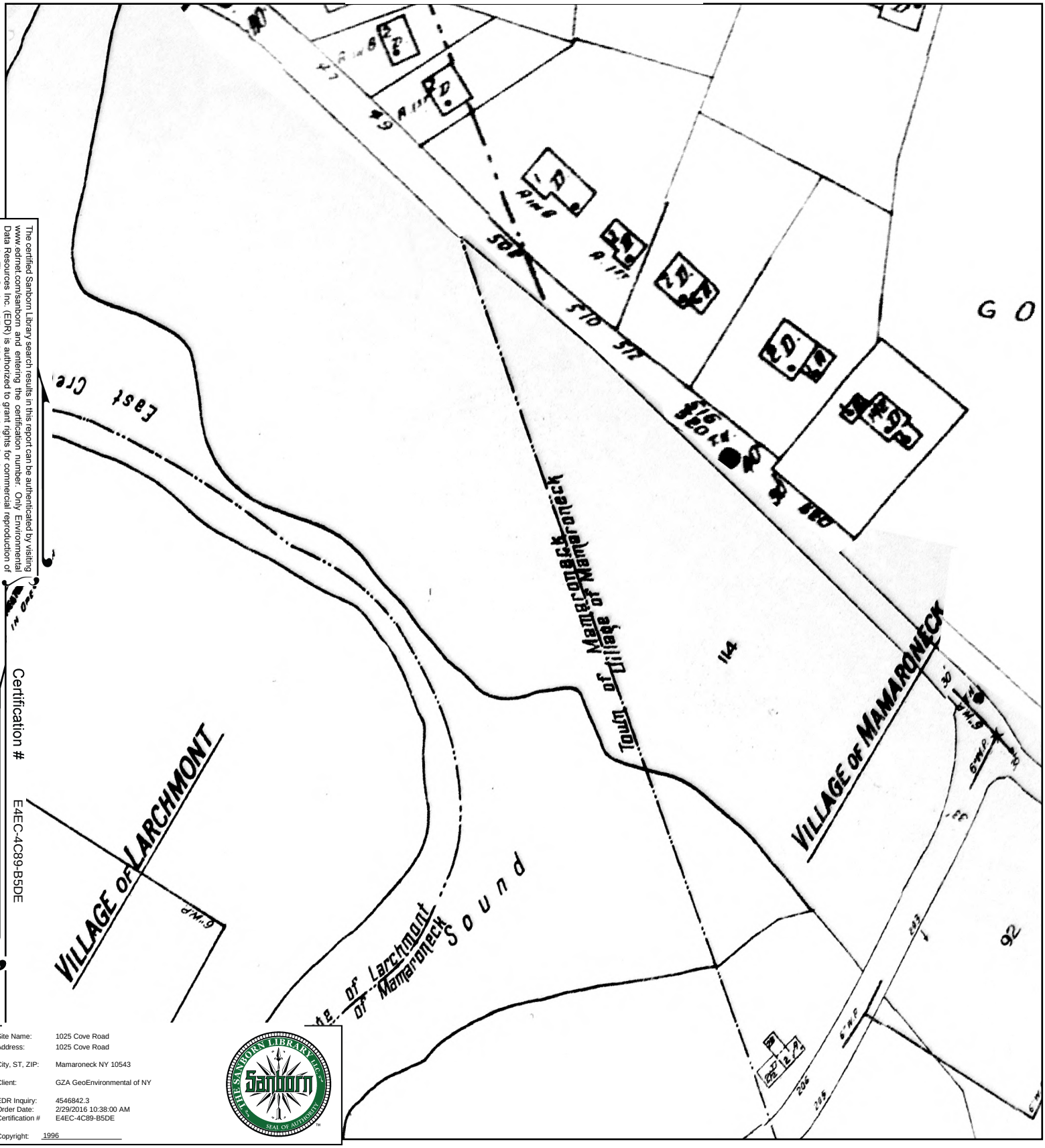

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City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
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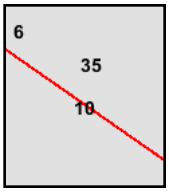

Volume 1, Sheet 10
Volume 1, Sheet 35

0 Feet 165 330 660

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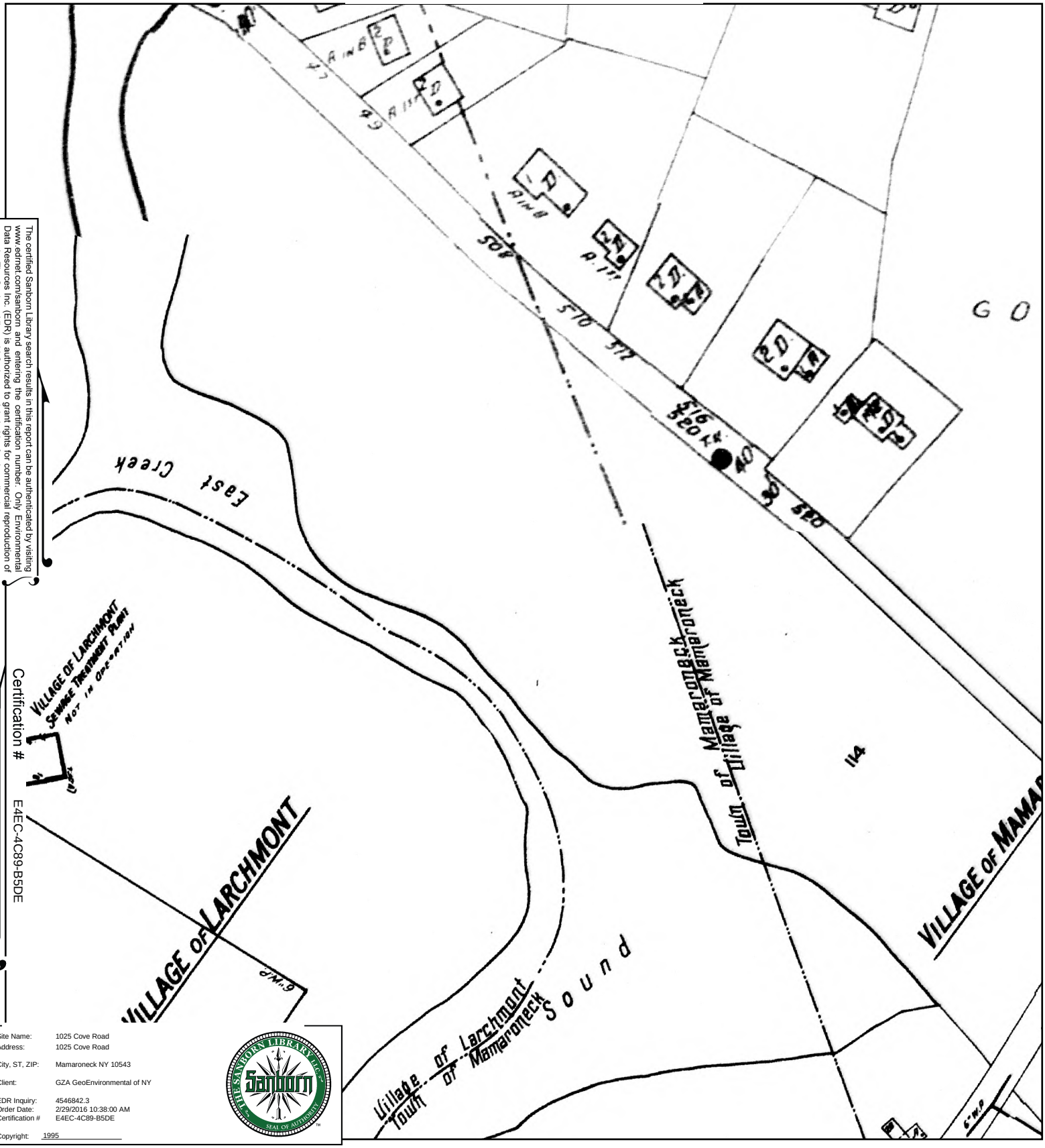

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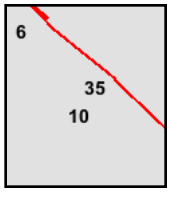

Volume 1, Sheet 35
Volume 1, Sheet 10

0 Feet 165 330 660

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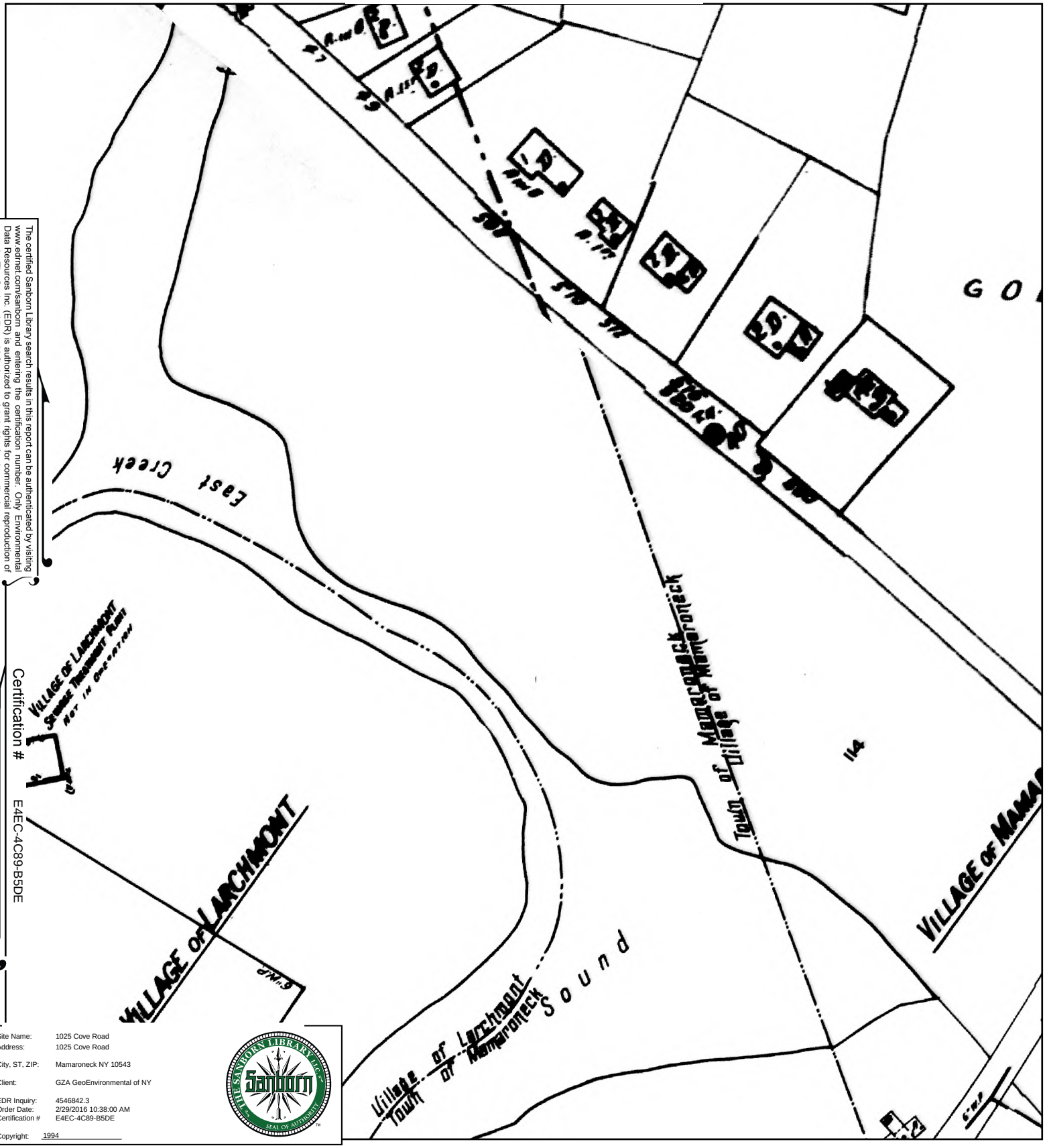

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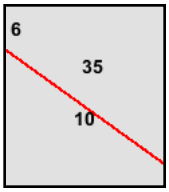

Volume 1, Sheet 10
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0 Feet 165 330 660

N

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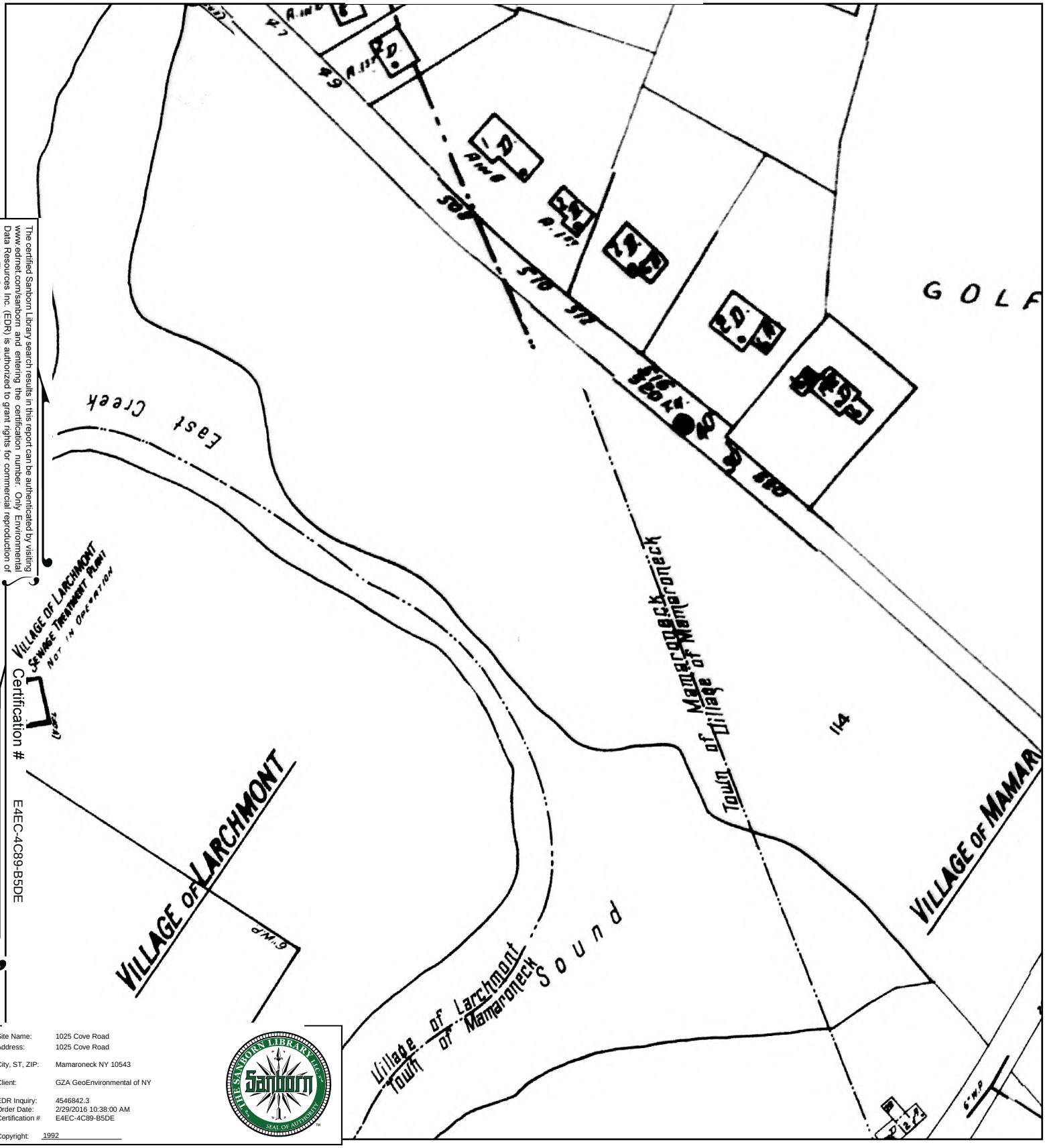

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Client:	GZA GeoEnvironmental of NY
EDR Inquiry:	4546842.3
Order Date:	2/29/2016 10:38:00 AM
Certification #	E4EC-4C89-B5DE
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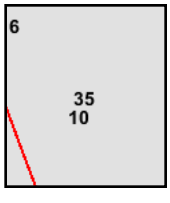

Volume 1, Sheet 10
Volume 1, Sheet 35

0 Feet 165 330 660

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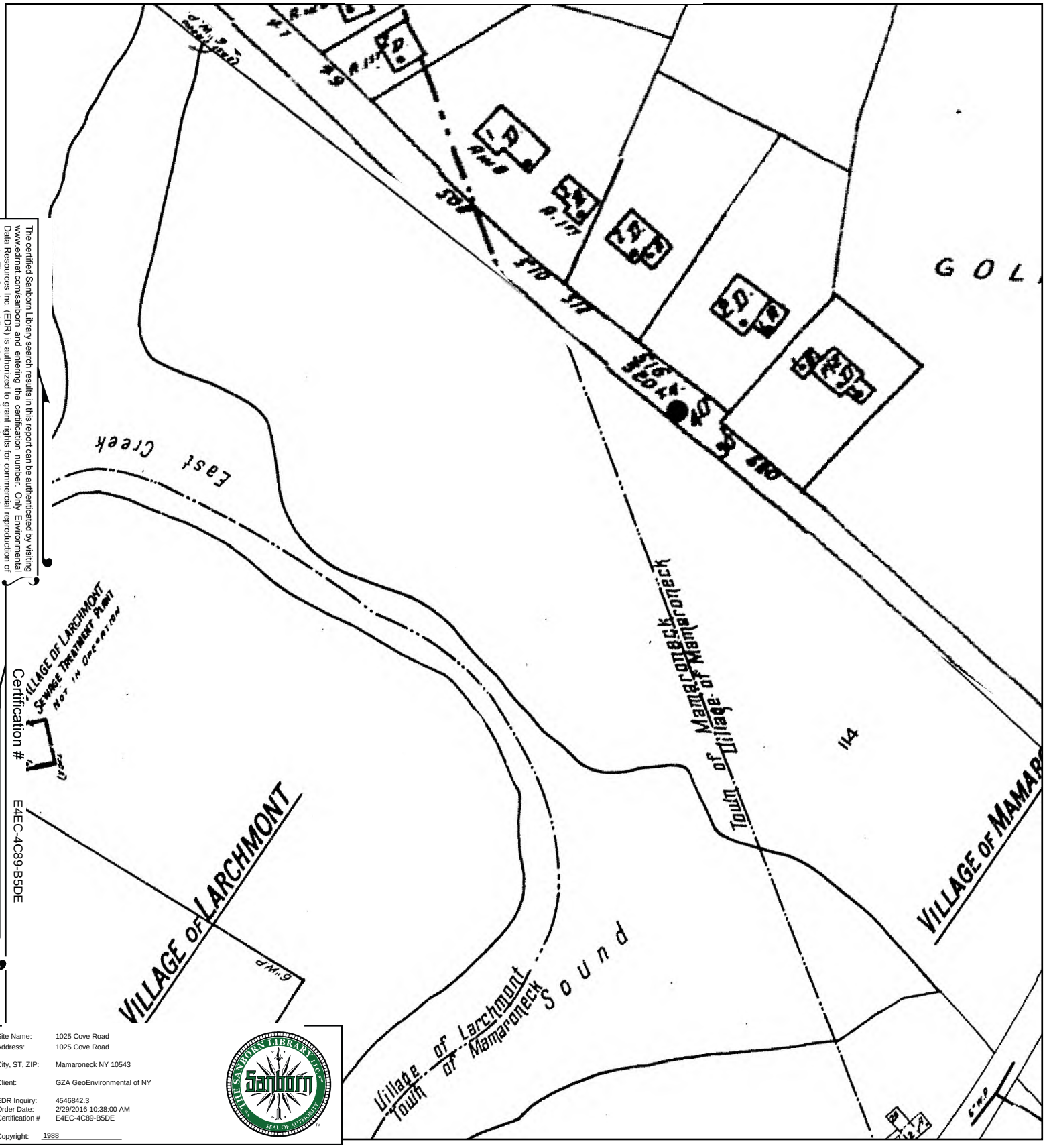

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Certification # E4EC-4C89-B5DE

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
EDR Inquiry: 4546842.3
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Certification # E4EC-4C89-B5DE
Copyright: 1988

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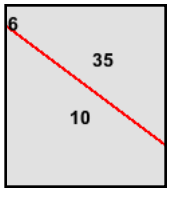

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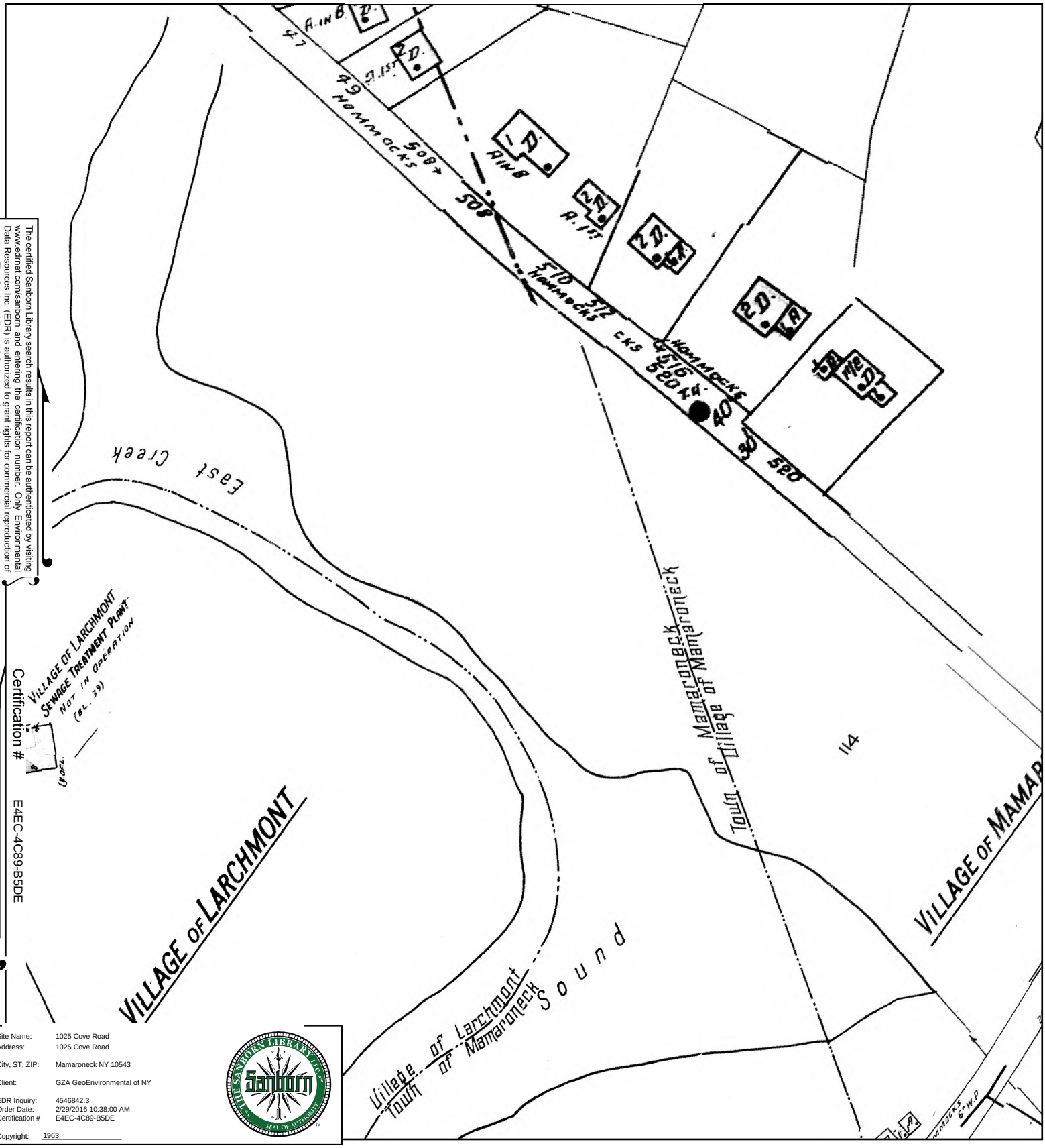
N

1963 Certified Sanborn Map



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Certification # E4EC-4C89-B5DE
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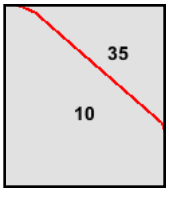

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Volume 1, Sheet 35

0 Feet 165 330 660

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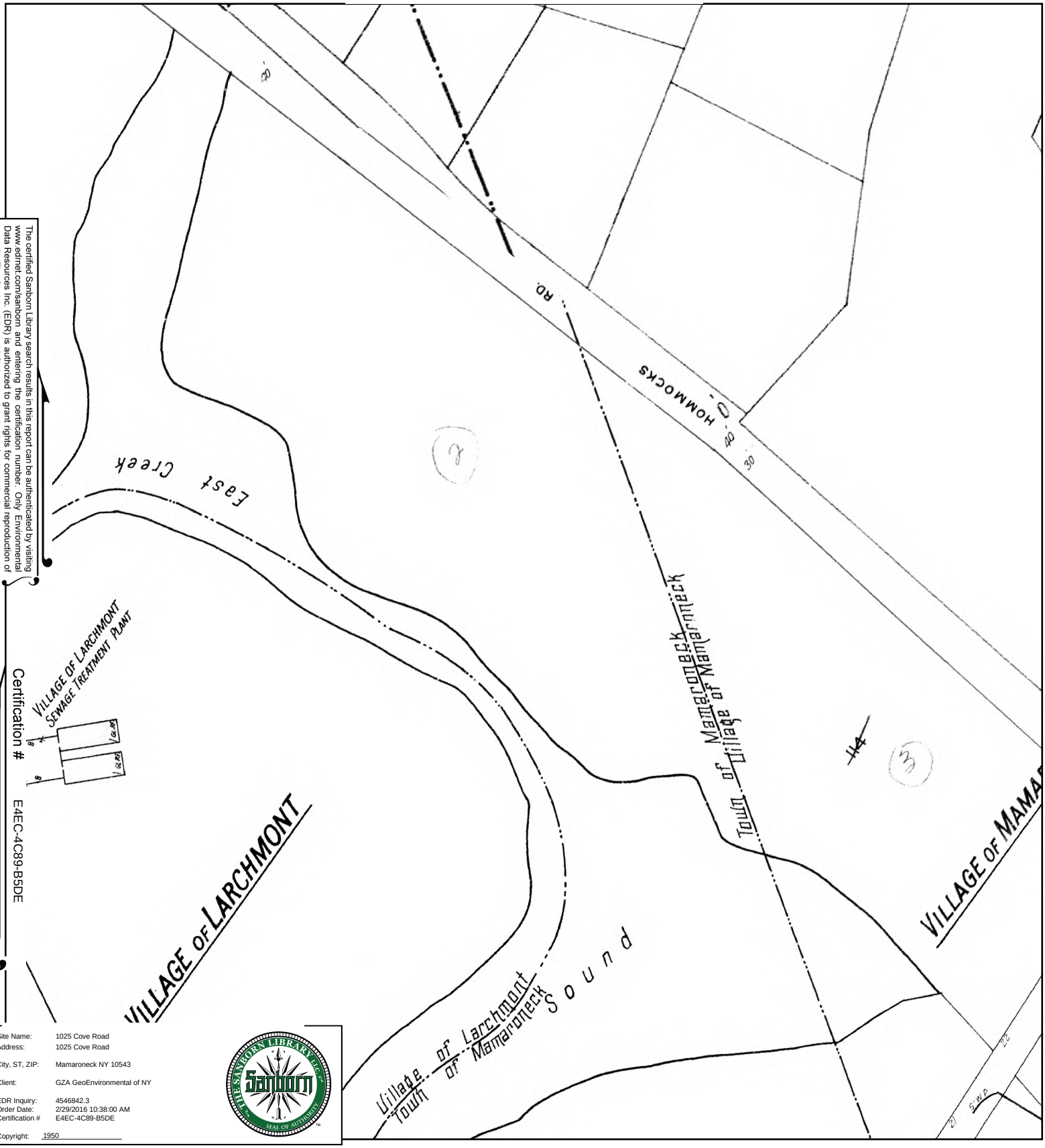
1950 Certified Sanborn Map



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EDR Inquiry: 4546842.3
Order Date: 2/29/2016 10:38:00 AM
Certification # E4EC-4C89-B5DE
Copyright: 1950

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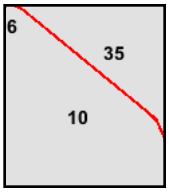

Volume 1, Sheet 10
Volume 1, Sheet 35

0 Feet 165 330 660

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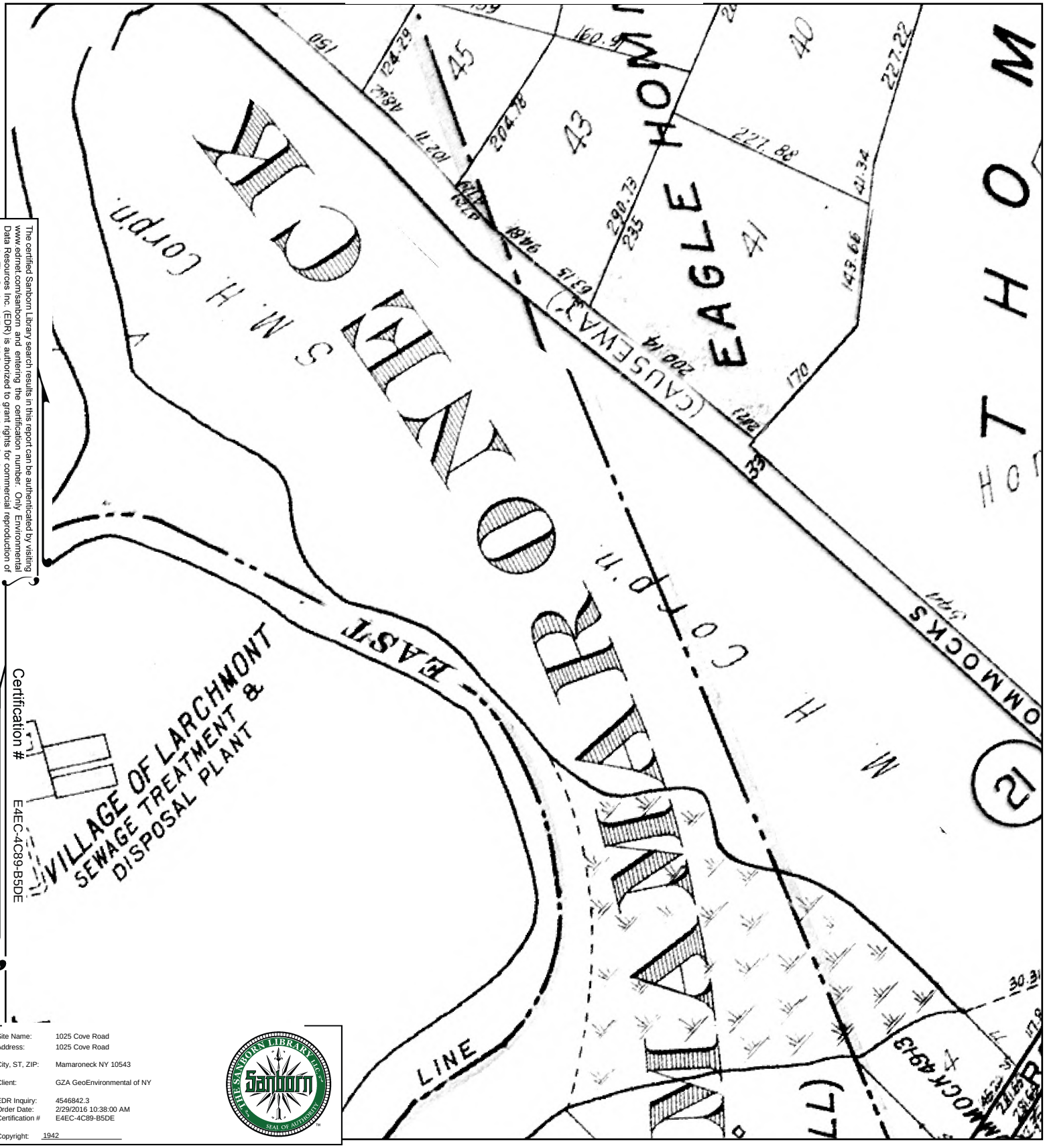

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Client:	GZA GeoEnvironmental of NY
EDR Inquiry:	4546842.3
Order Date:	2/29/2016 10:38:00 AM
Certification #	E4EC-4C89-B5DE
Copyright:	1942

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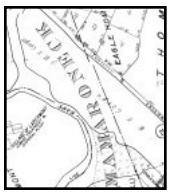

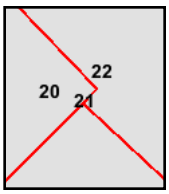

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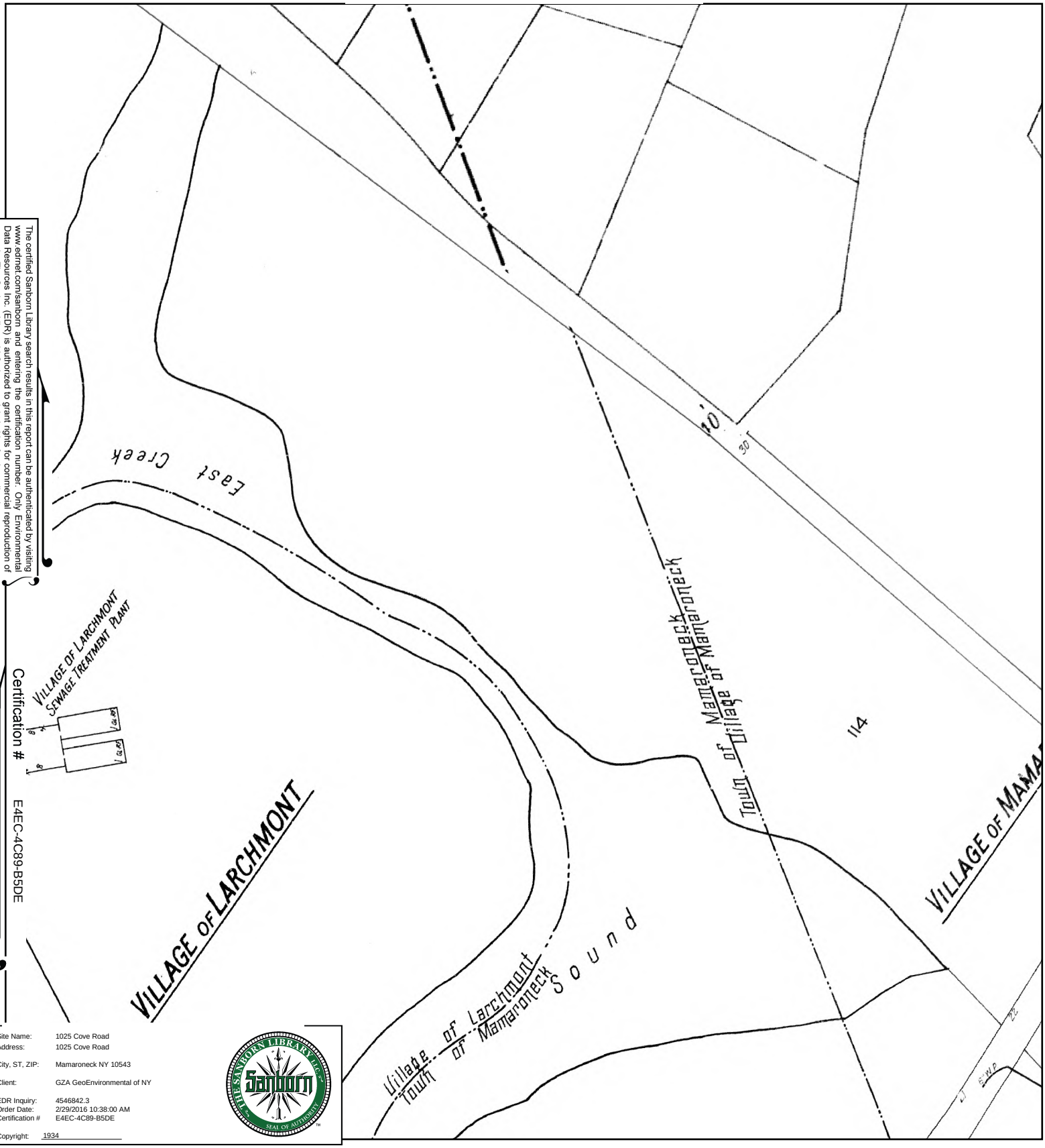
Volume 1, Sheet 22
Volume 1, Sheet 20

0 Feet 165 330 660

N

1934 Certified Sanborn Map



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City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
EDR Inquiry: 4546842.3
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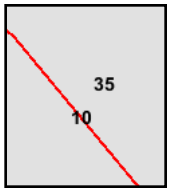

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1919 Certified Sanborn Map

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Site Name: 1025 Cove Road
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City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
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Certification # E4EC-4C89-B5DE
Copyright: 1919

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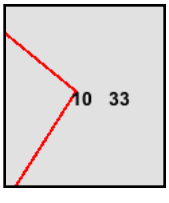

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Volume 1, Sheet 33

N

1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.3
February 29, 2016

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Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/29/16

Site Name:
1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Client Name:
GZA GeoEnvironmental of NY
104 West 29th St
New York, NY 10001

EDR Inquiry # 4546842.3

Contact: RAHUL BHATIA

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, State, Zip: Mamaroneck, NY 10543
Cross Street:
P.O. # 41.0162403.00
Project: 41.0162403.00
Certification # E4EC-4C89-B5DE

Maps Provided:

2003	1963
1996	1950
1995	1942
1994	1934
1992	1919
1988	

Sanborn® Library search results
Certification # E4EC-4C89-B5DE

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2003 Source Sheets

Volume 1, Sheet 35

Volume 1, Sheet 10

1996 Source Sheets

Volume 1, Sheet 10

Volume 1, Sheet 35

1995 Source Sheets

Volume 1, Sheet 35

Volume 1, Sheet 10

1994 Source Sheets

Volume 1, Sheet 10

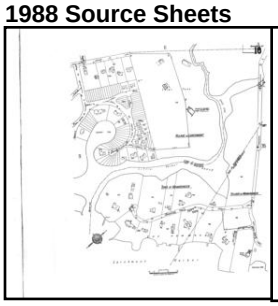
Volume 1, Sheet 35

1992 Source Sheets

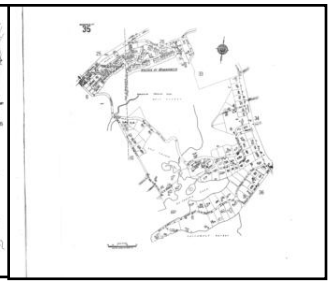
Volume 1, Sheet 10

Volume 1, Sheet 35

1988 Source Sheets



Volume 1, Sheet 10



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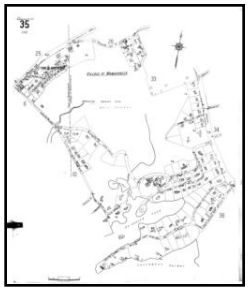
1963 Source Sheets

Volume 1, Sheet 10



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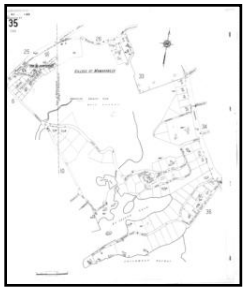
1950 Source Sheets

Volume 1, Sheet 10



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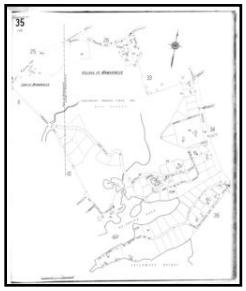
1942 Source Sheets

Volume 1, Sheet 21

Volume 1, Sheet 22

1934 Source Sheets

Volume 1, Sheet 10



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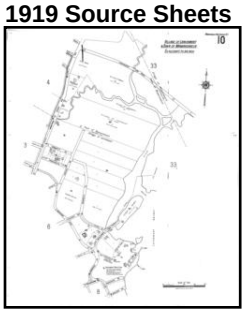
1919 Source Sheets



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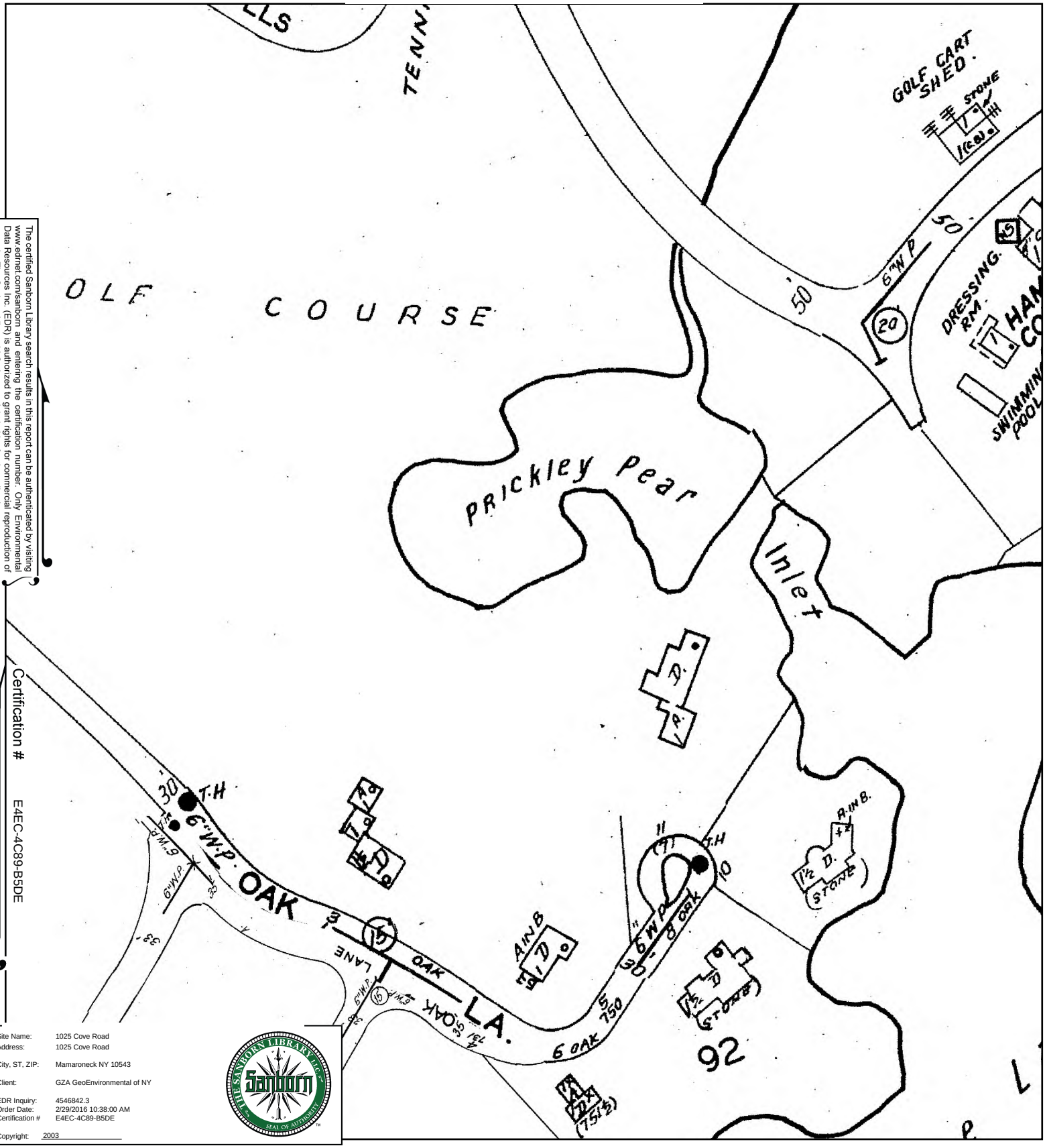
2003 Certified Sanborn Map



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Address:	1025 Cove Road
City, ST, ZIP:	Mamaroneck NY 10543
Client:	GZA GeoEnvironmental of NY
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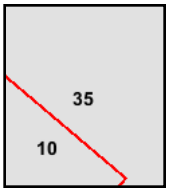

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0 Feet 165 330 660

N

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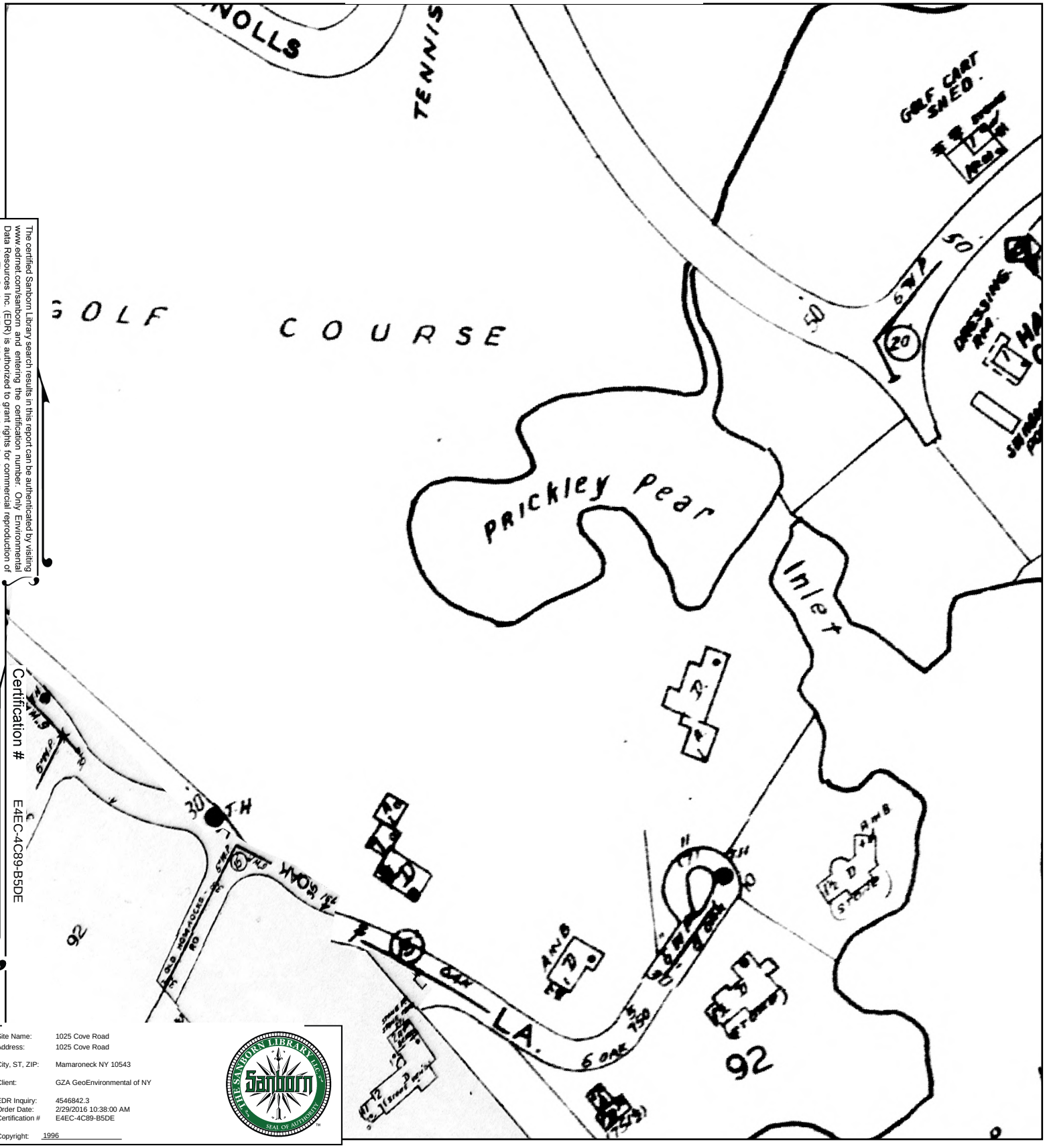

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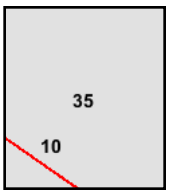

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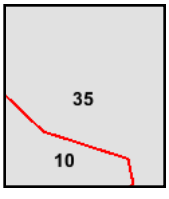

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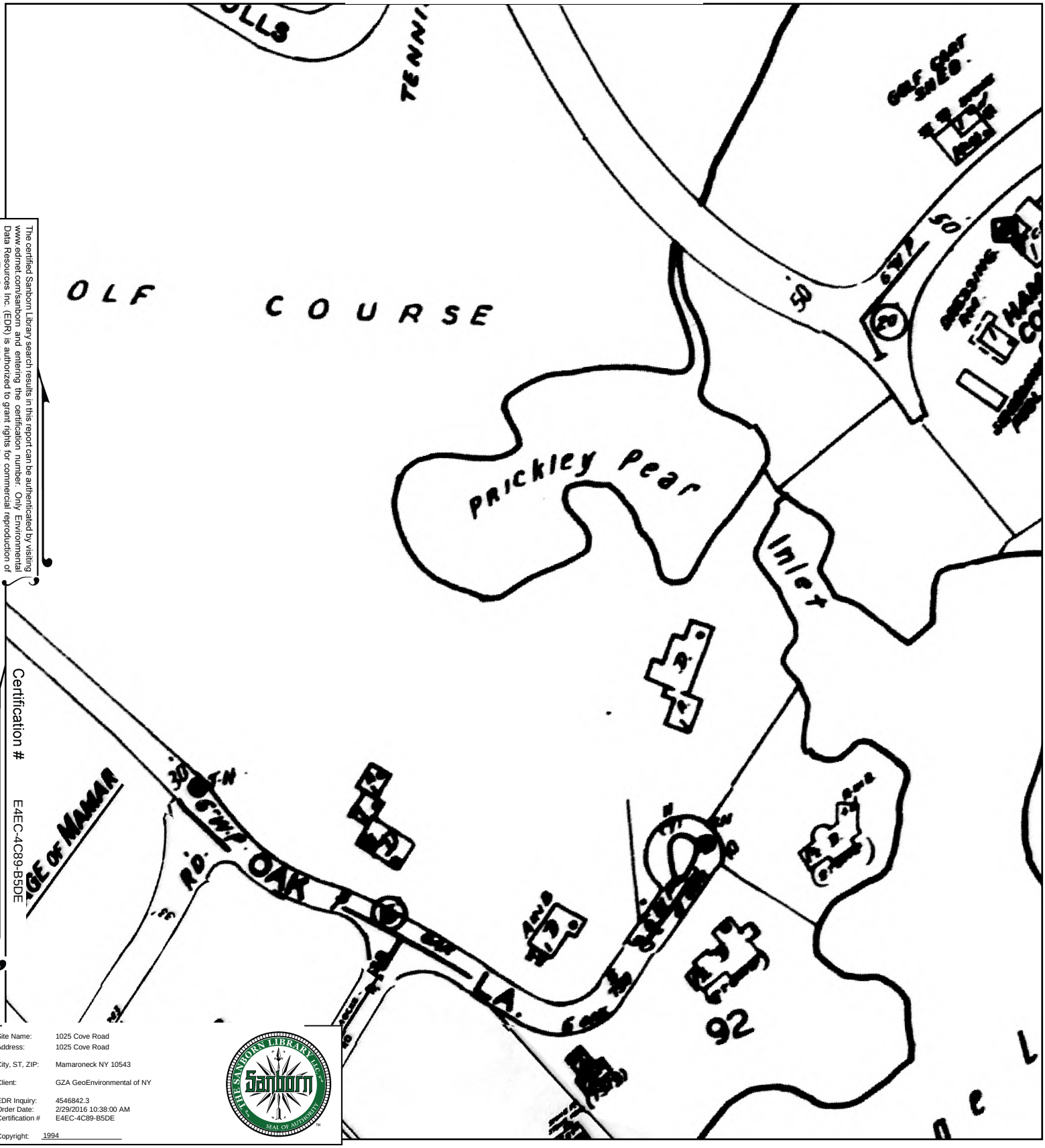

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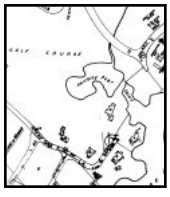

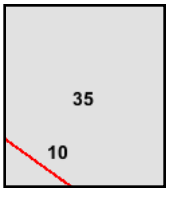

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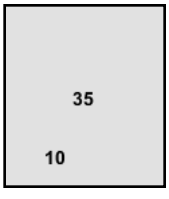

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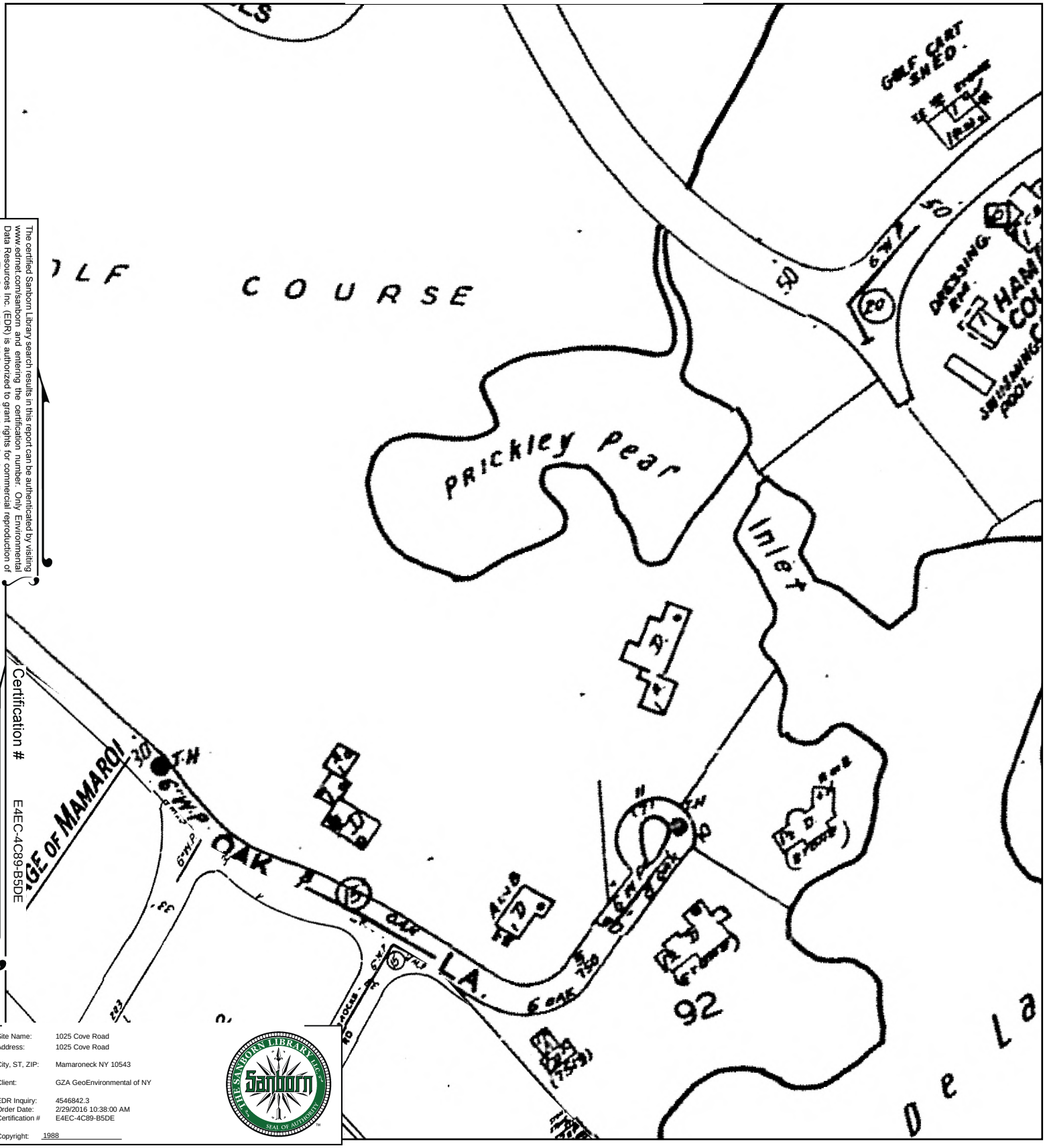
N

1988 Certified Sanborn Map



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Address: 1025 Cove Road
City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
EDR Inquiry: 4546842.3
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Certification # E4EC-4C89-B5DE
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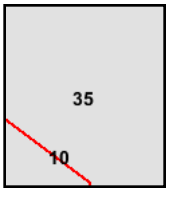

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N

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Site Name: 1025 Cove Road
Address: 1025 Cove Road
City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
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Certification # E4EC-4C89-B5DE
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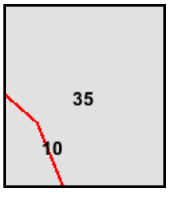

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Volume 1, Sheet 35

0 Feet 165 330 660

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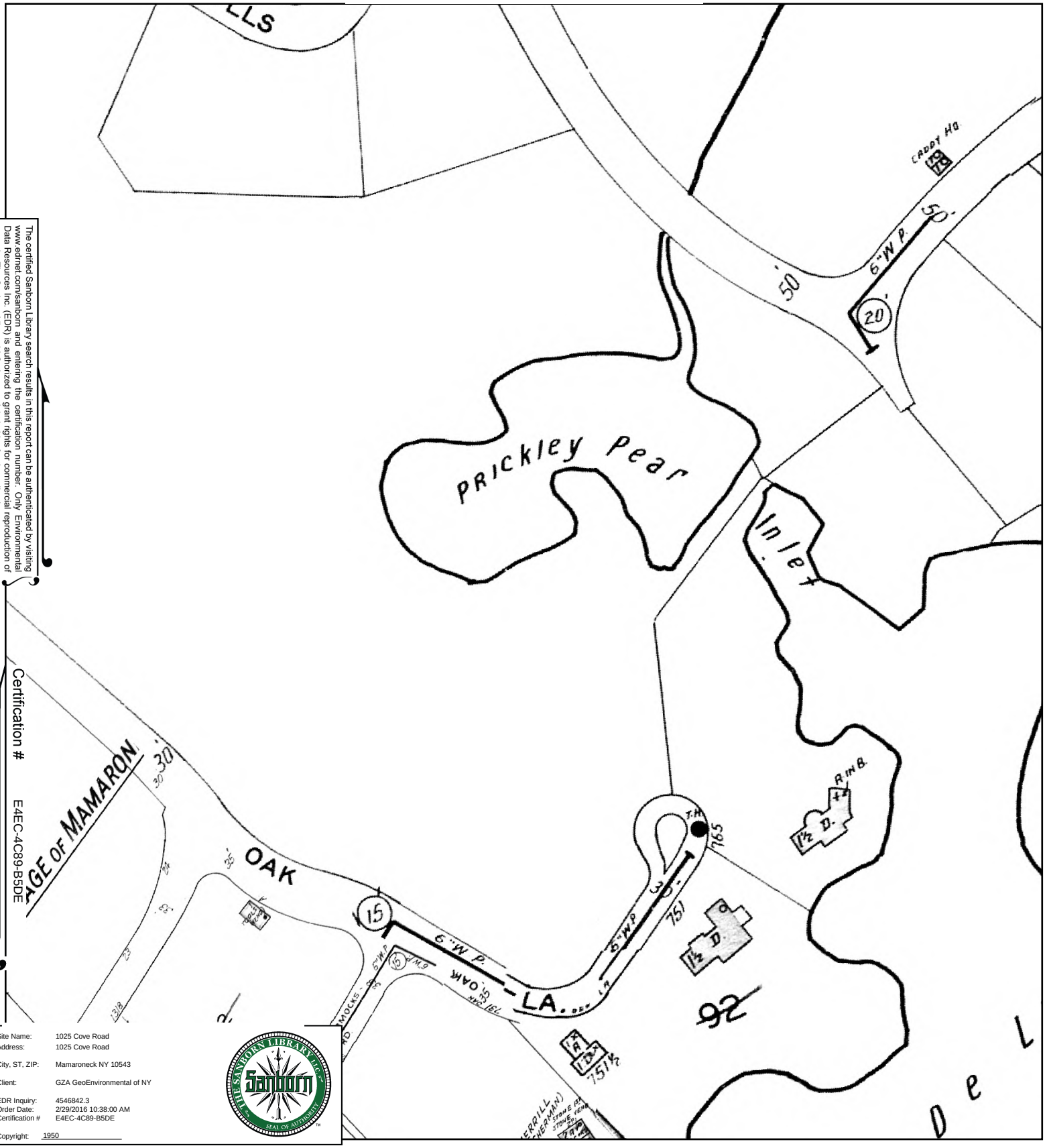

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City, ST, ZIP: Mamaroneck NY 10543
Client: GZA GeoEnvironmental of NY
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Certification # E4EC-4C89-B5DE
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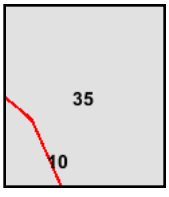

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Volume 1, Sheet 35

0 Feet 165 330 660

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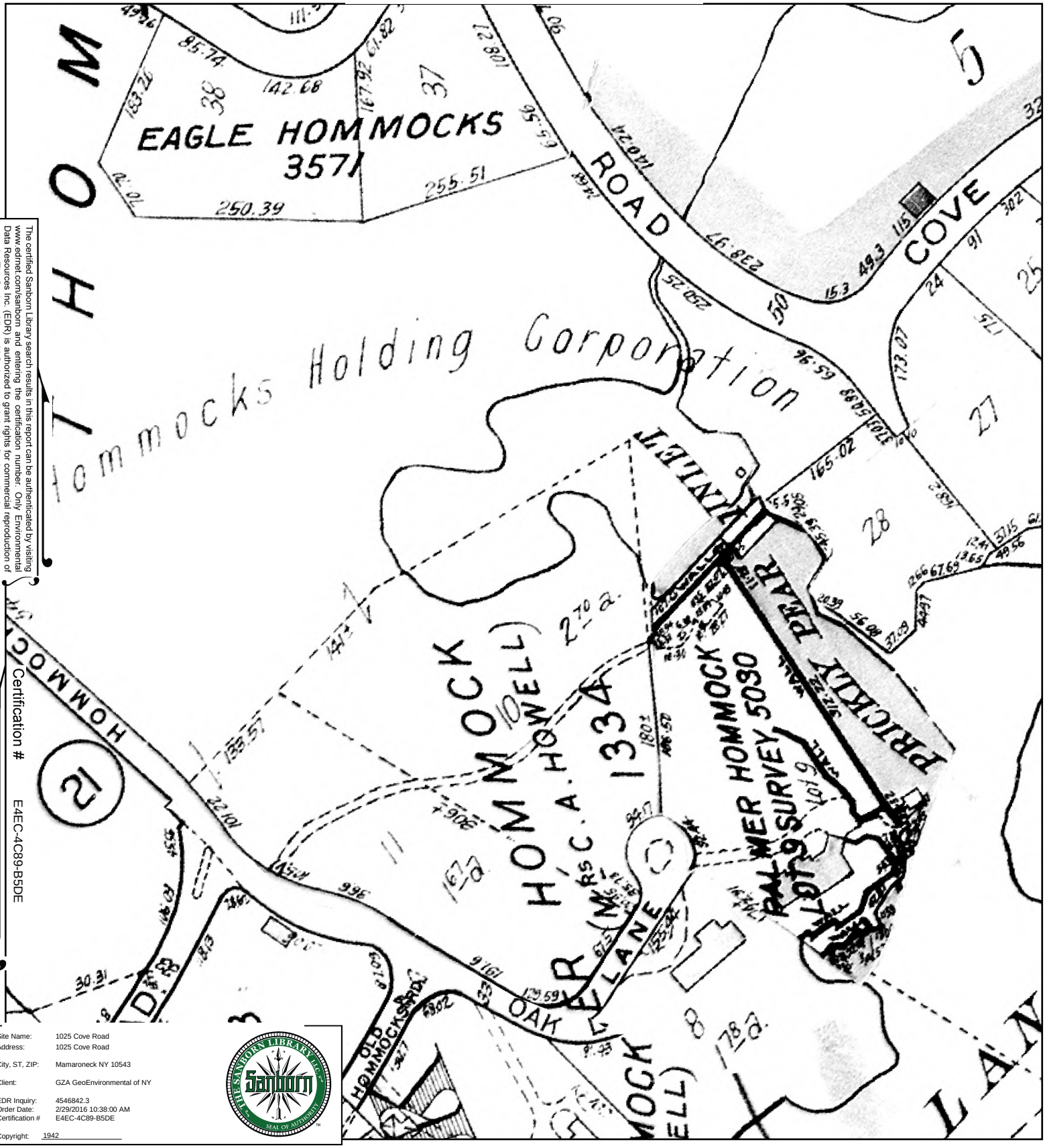

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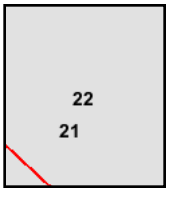

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N

1934 Certified Sanborn Map

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Client:	GZA GeoEnvironmental of NY
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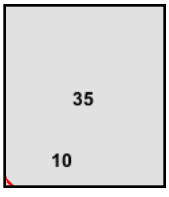

Volume 1, Sheet 10
Volume 1, Sheet 35

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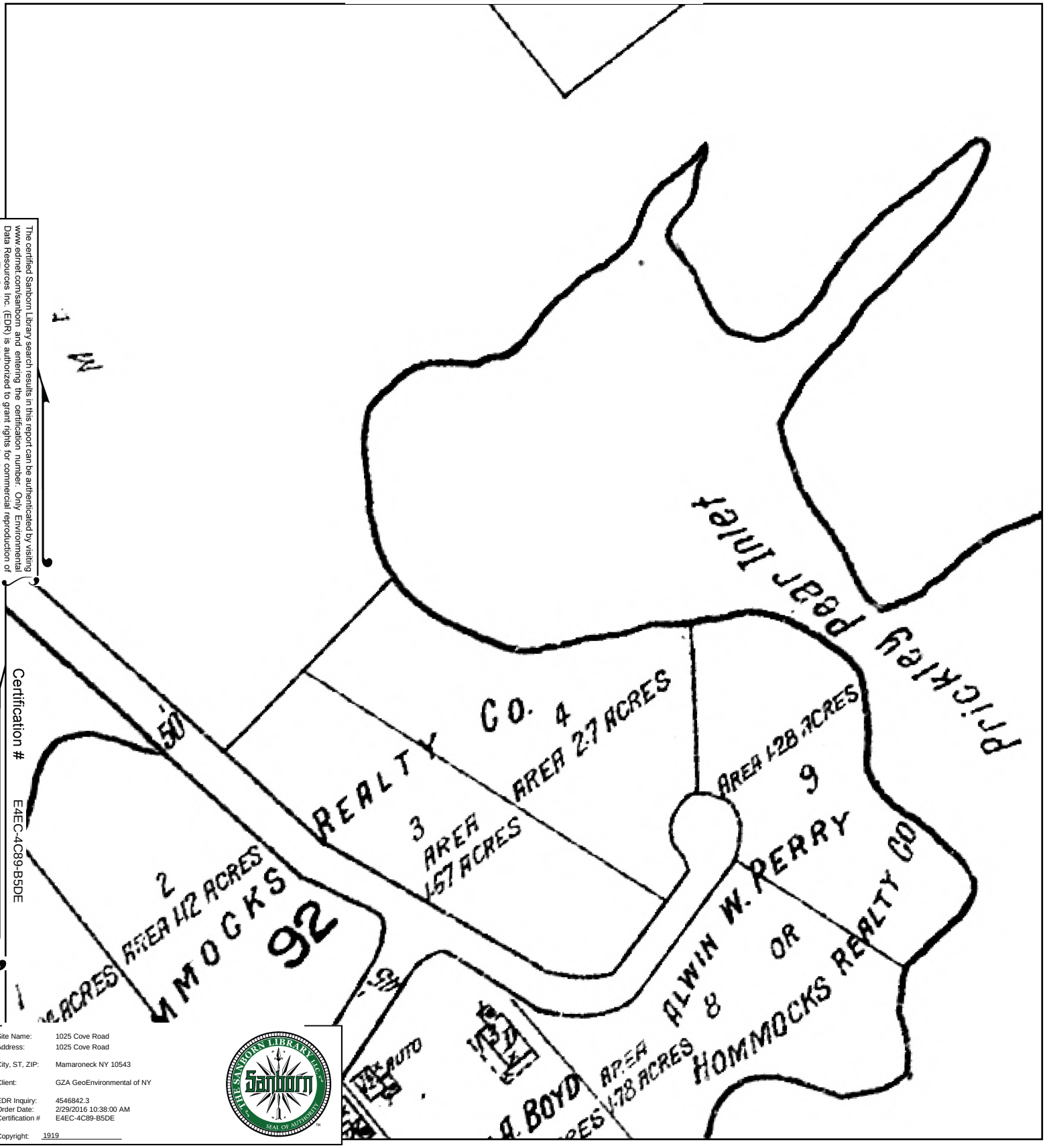
1919 Certified Sanborn Map



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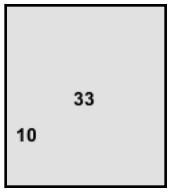

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Volume 1, Sheet 33

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1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.3
February 29, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/29/16

Site Name:
1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Client Name:
GZA GeoEnvironmental of NY
104 West 29th St
New York, NY 10001

EDR Inquiry # 4546842.3

Contact: RAHUL BHATIA

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GZA GeoEnvironmental of NY were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

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Address: 1025 Cove Road
City, State, Zip: Mamaroneck, NY 10543
Cross Street:
P.O. # 41.0162403.00
Project: 41.0162403.00
Certification # E4EC-4C89-B5DE

Maps Provided:

2003	1963
1996	1950
1995	1942
1994	1934
1992	1919
1988	

Sanborn® Library search results
Certification # E4EC-4C89-B5DE

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2003 Source Sheets

Volume 1, Sheet 35

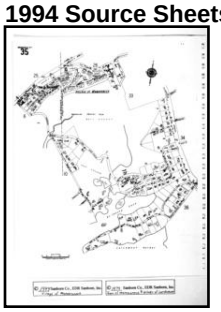
1996 Source Sheets

Volume 1, Sheet 35

1995 Source Sheets

Volume 1, Sheet 35

1994 Source Sheets

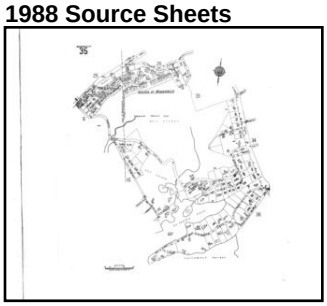


Volume 1, Sheet 35

1992 Source Sheets

Volume 1, Sheet 35

1988 Source Sheets

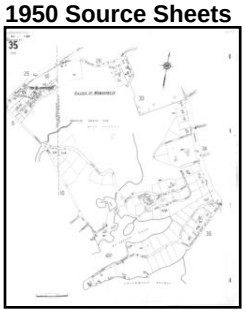


Volume 1, Sheet 35

1963 Source Sheets

Volume 1, Sheet 35

1950 Source Sheets



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1942 Source Sheets

Volume 1, Sheet 22

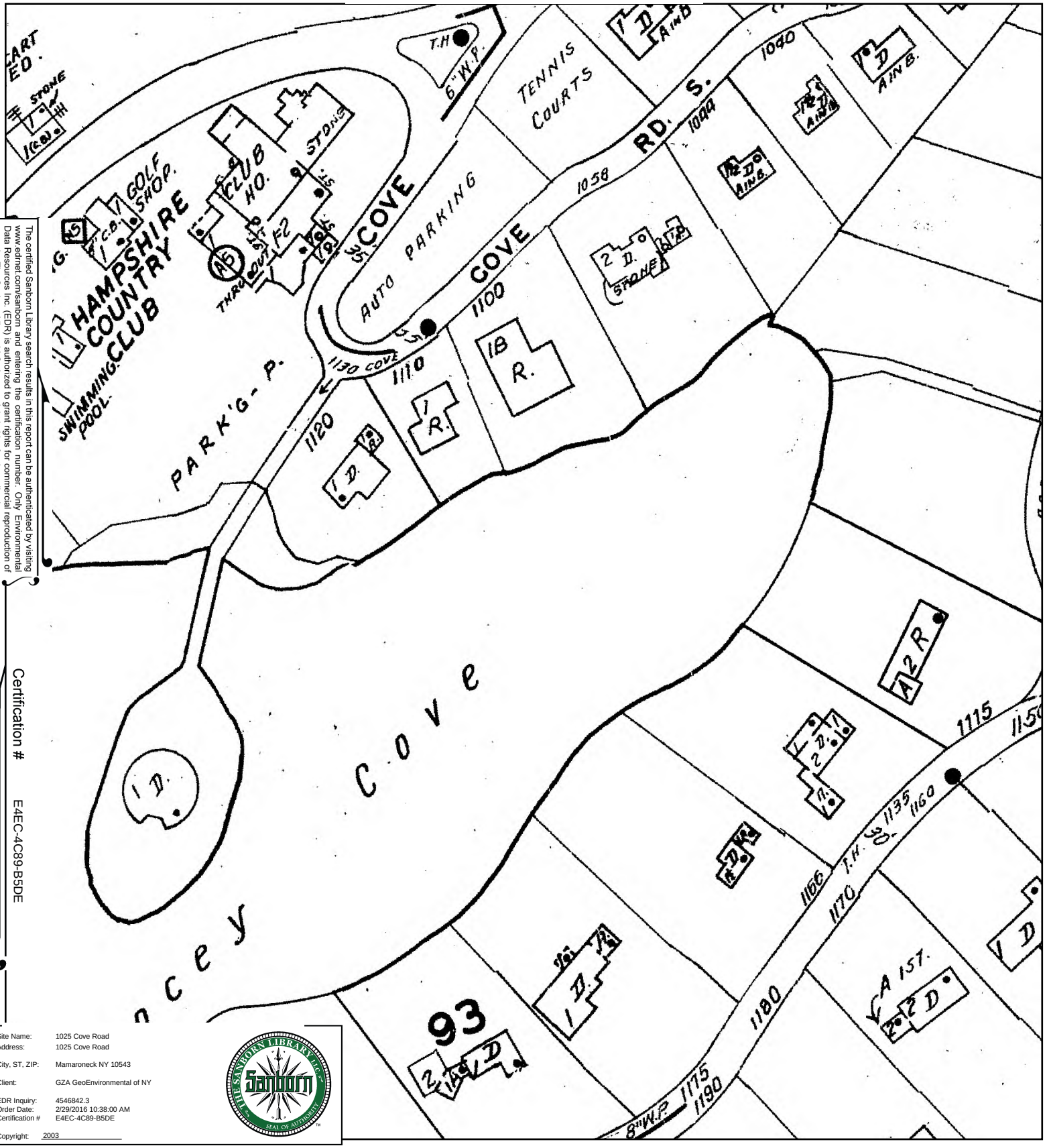
1934 Source Sheets

Volume 1, Sheet 35

1919 Source Sheets

Volume 1, Sheet 33

2003 Certified Sanborn Map



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City, ST, ZIP:	Mamaroneck NY 10543
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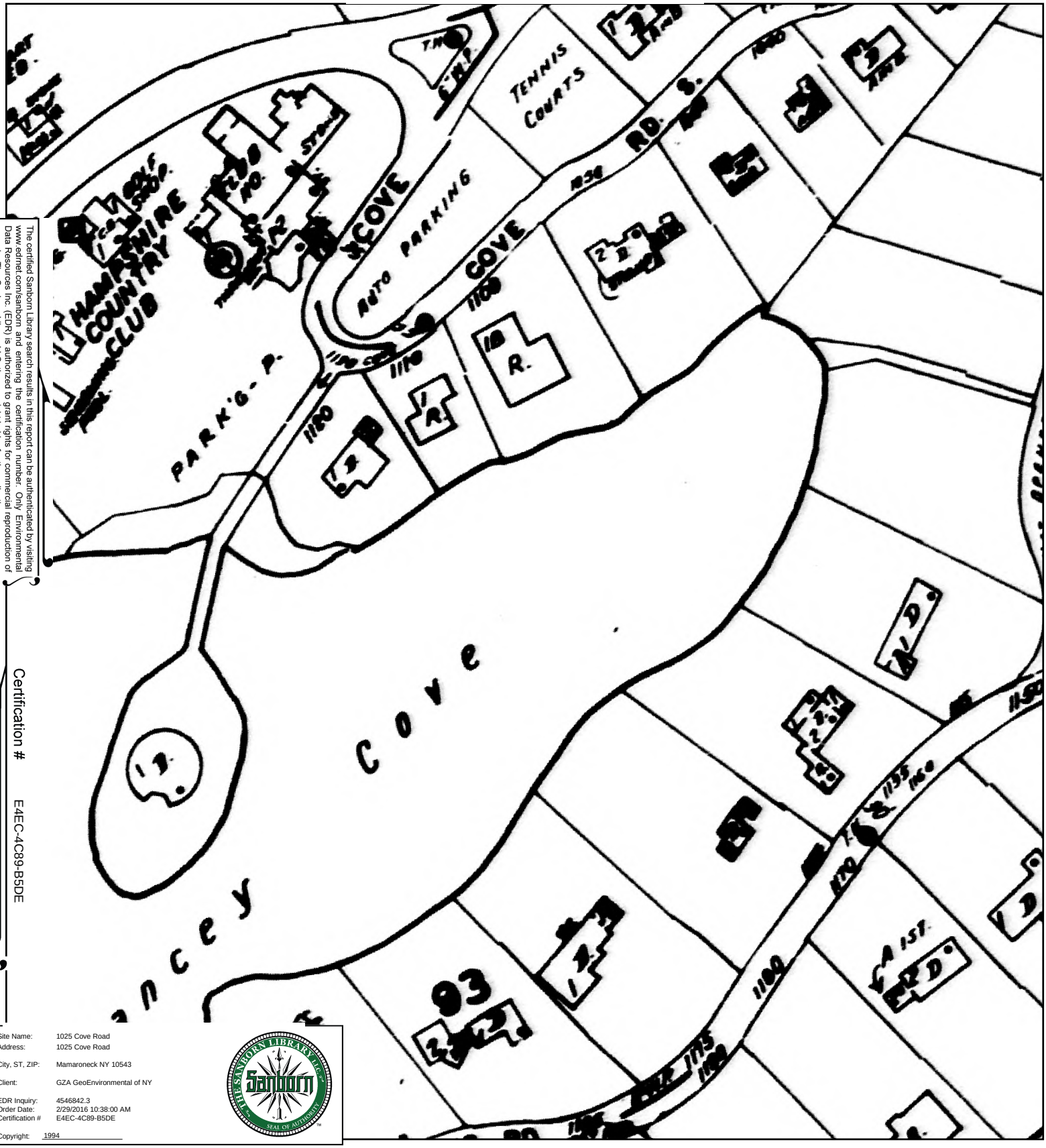

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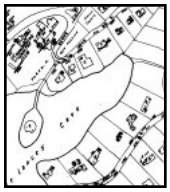

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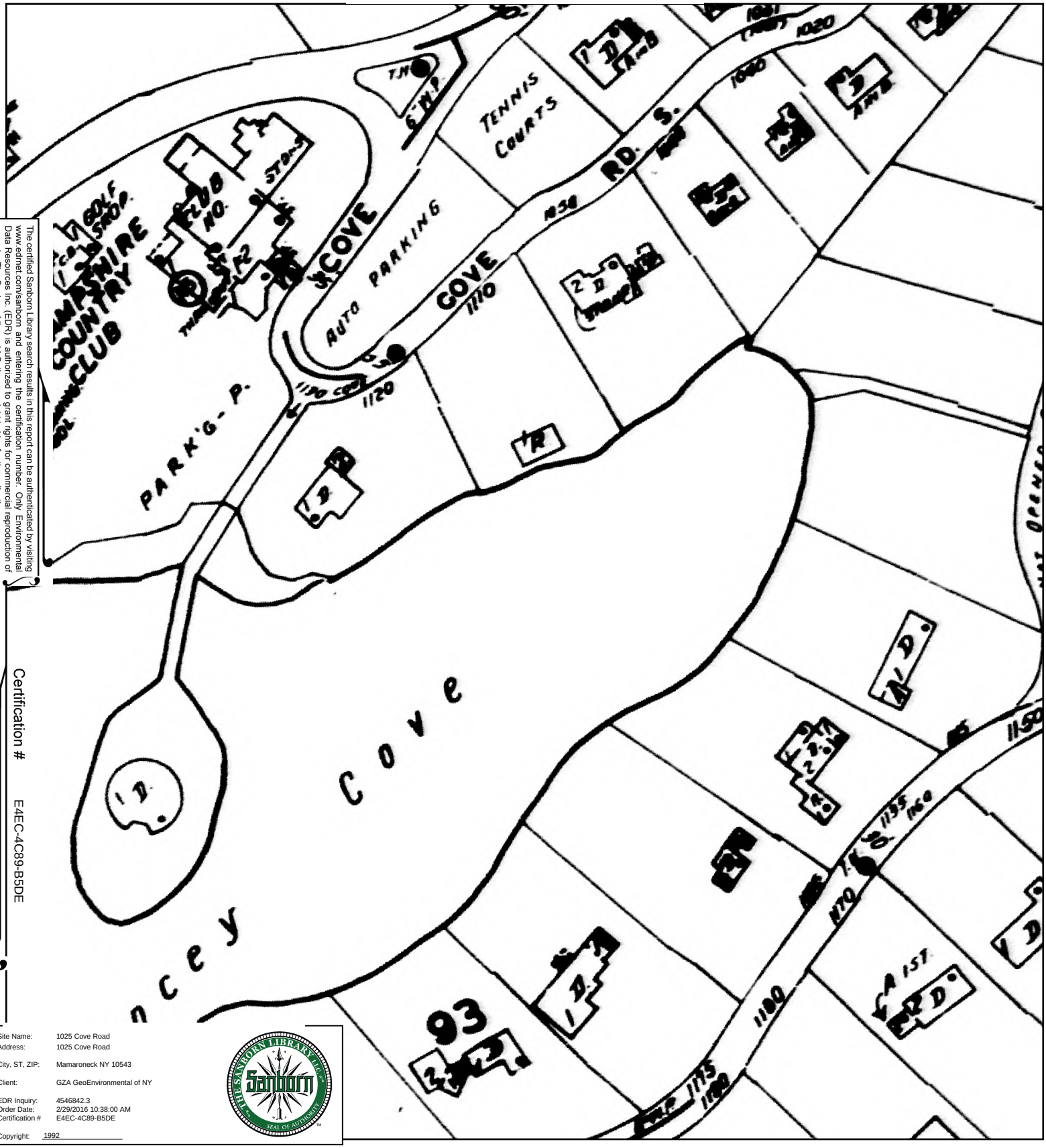
1992 Certified Sanborn Map



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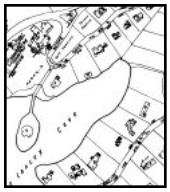

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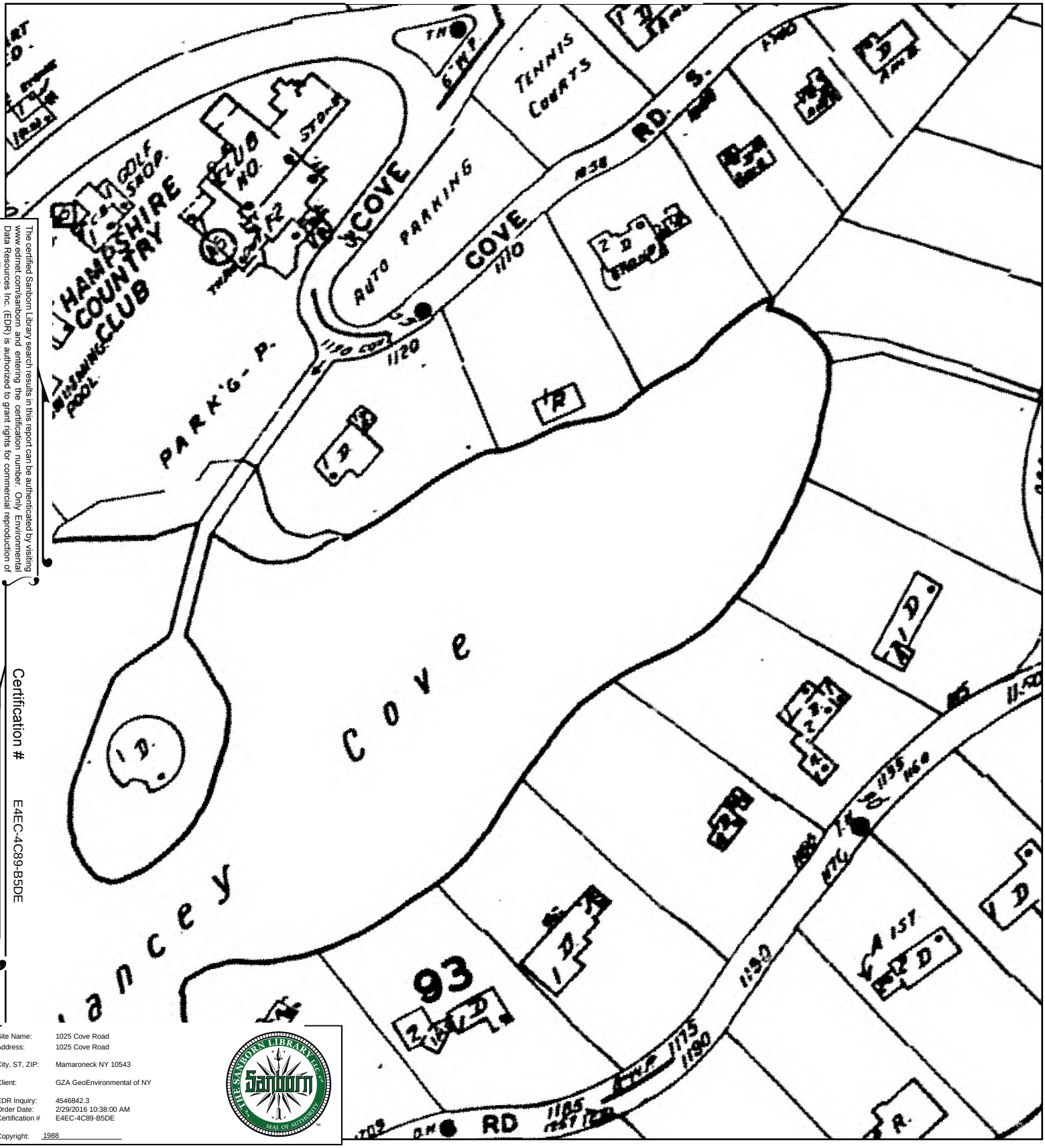
1988 Certified Sanborn Map



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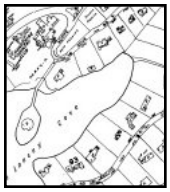

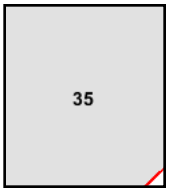

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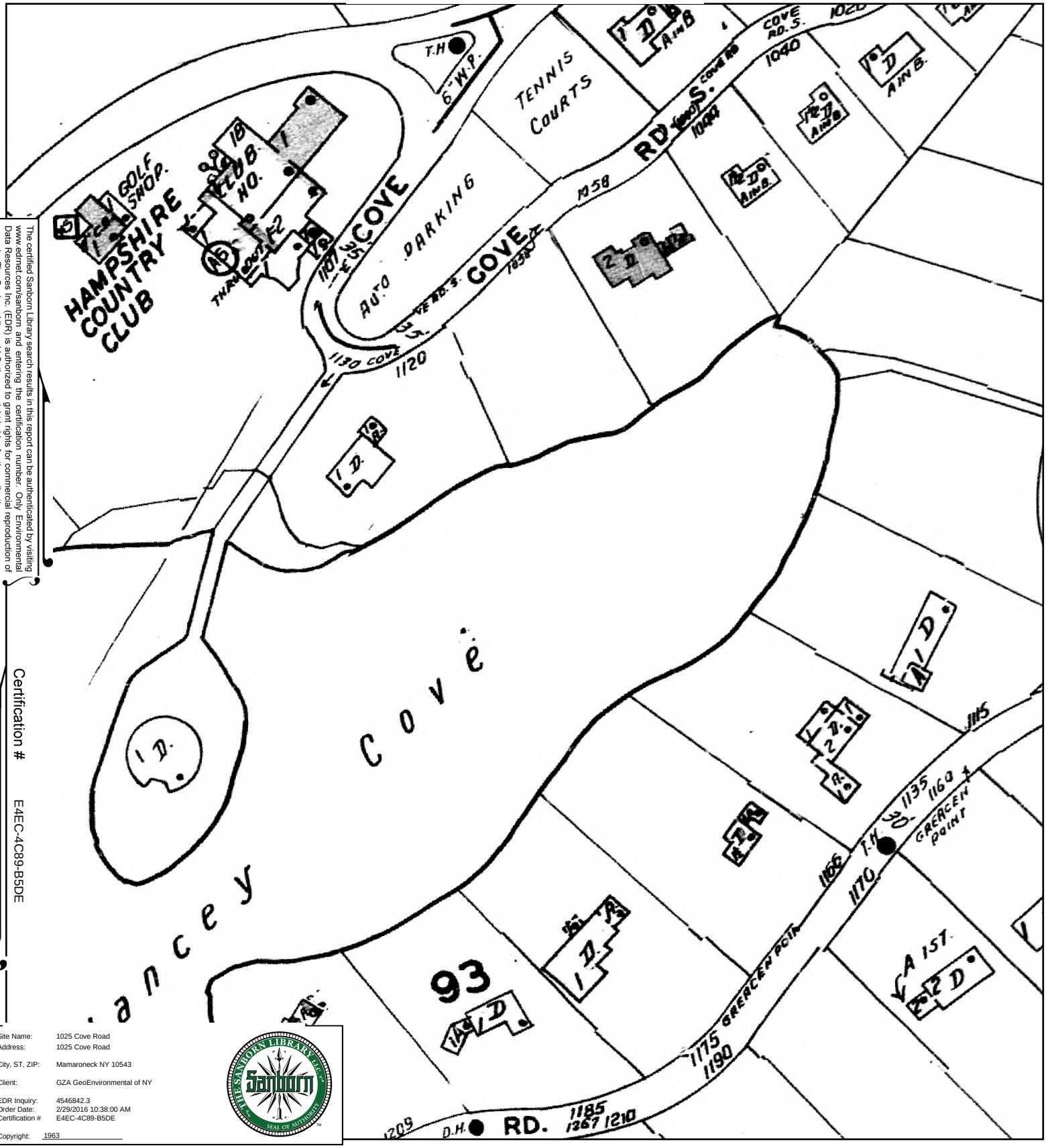
1963 Certified Sanborn Map



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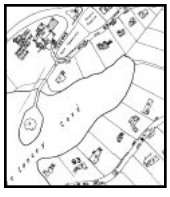

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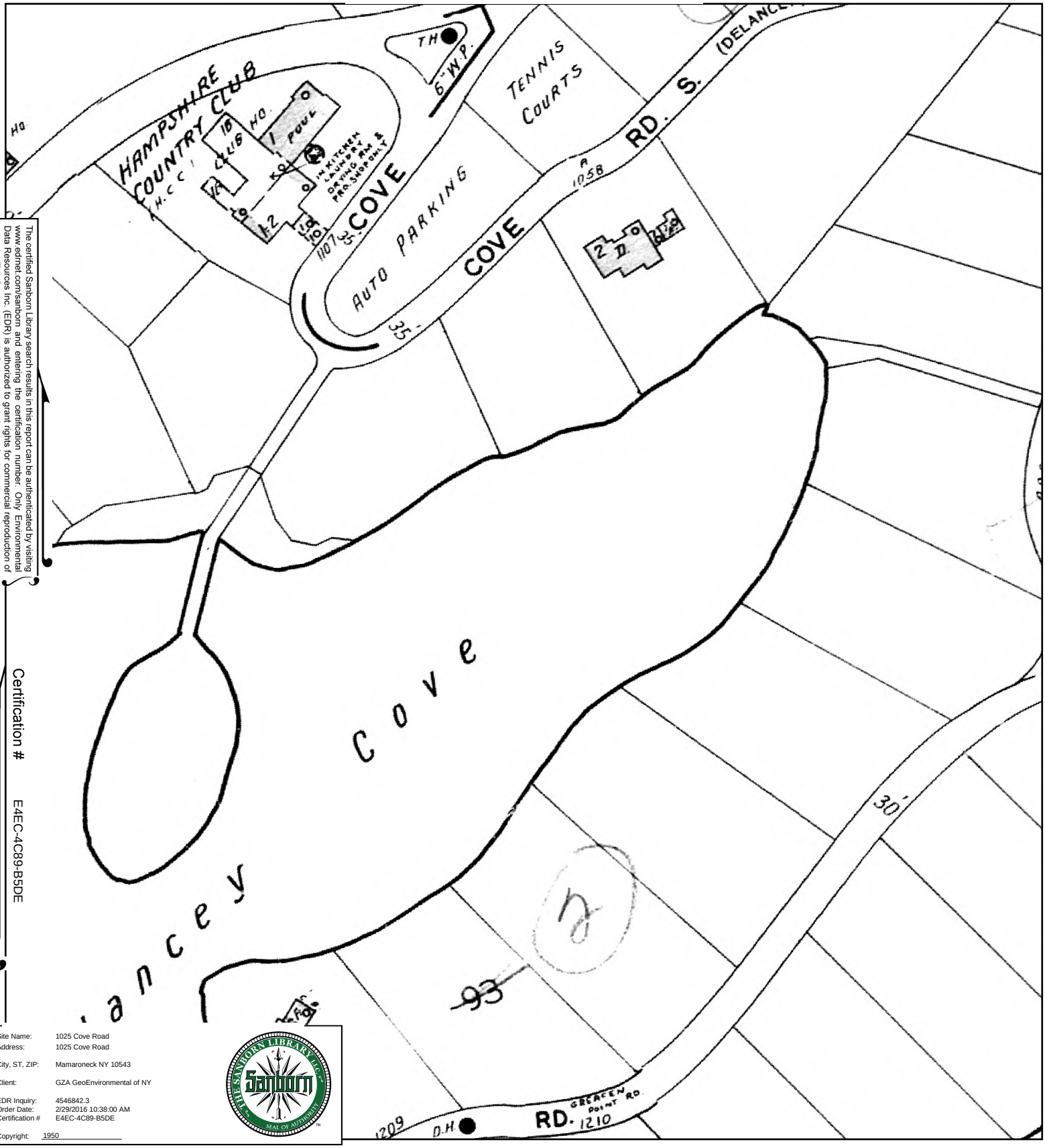
1950 Certified Sanborn Map



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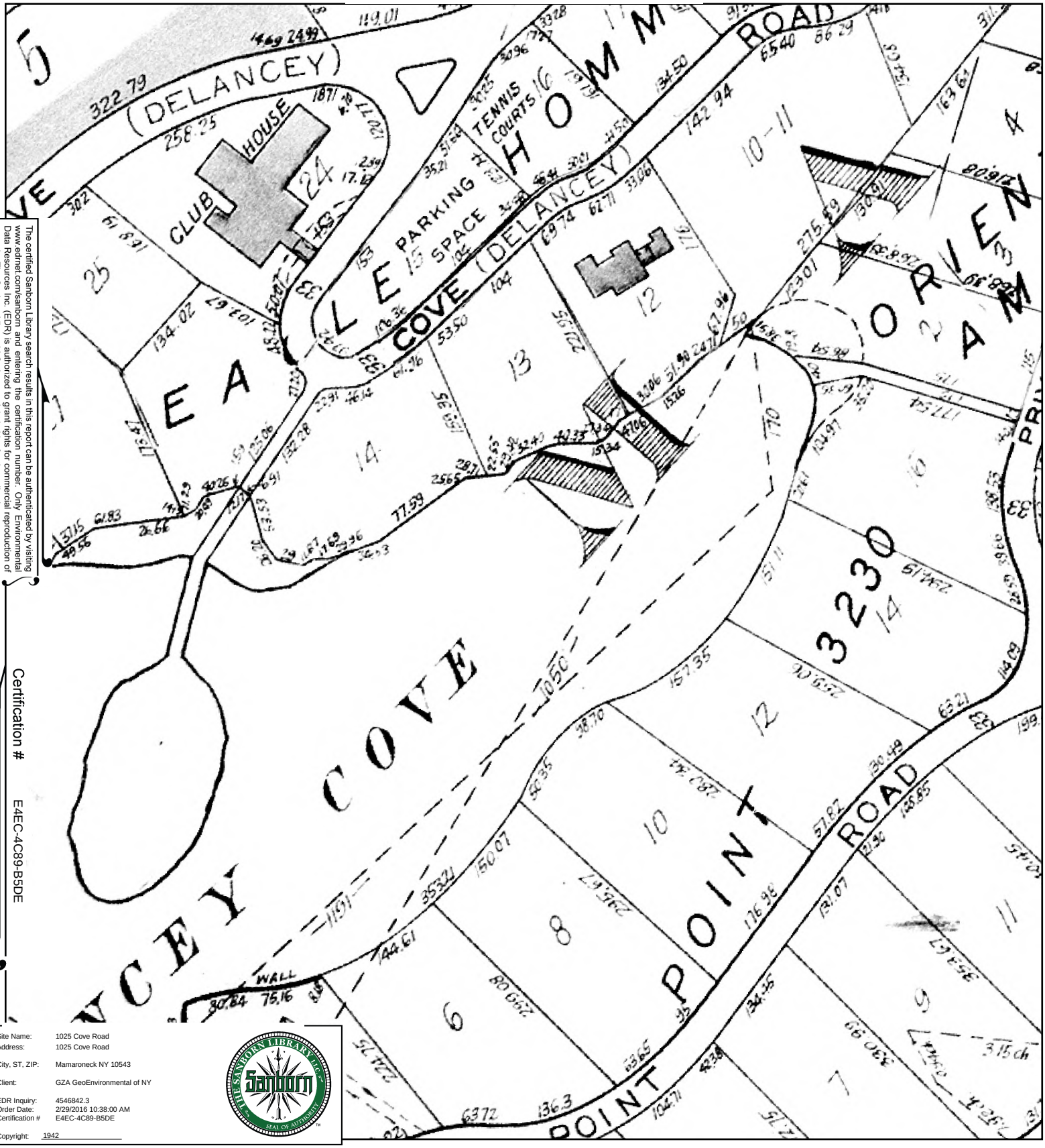
1942 Certified Sanborn Map



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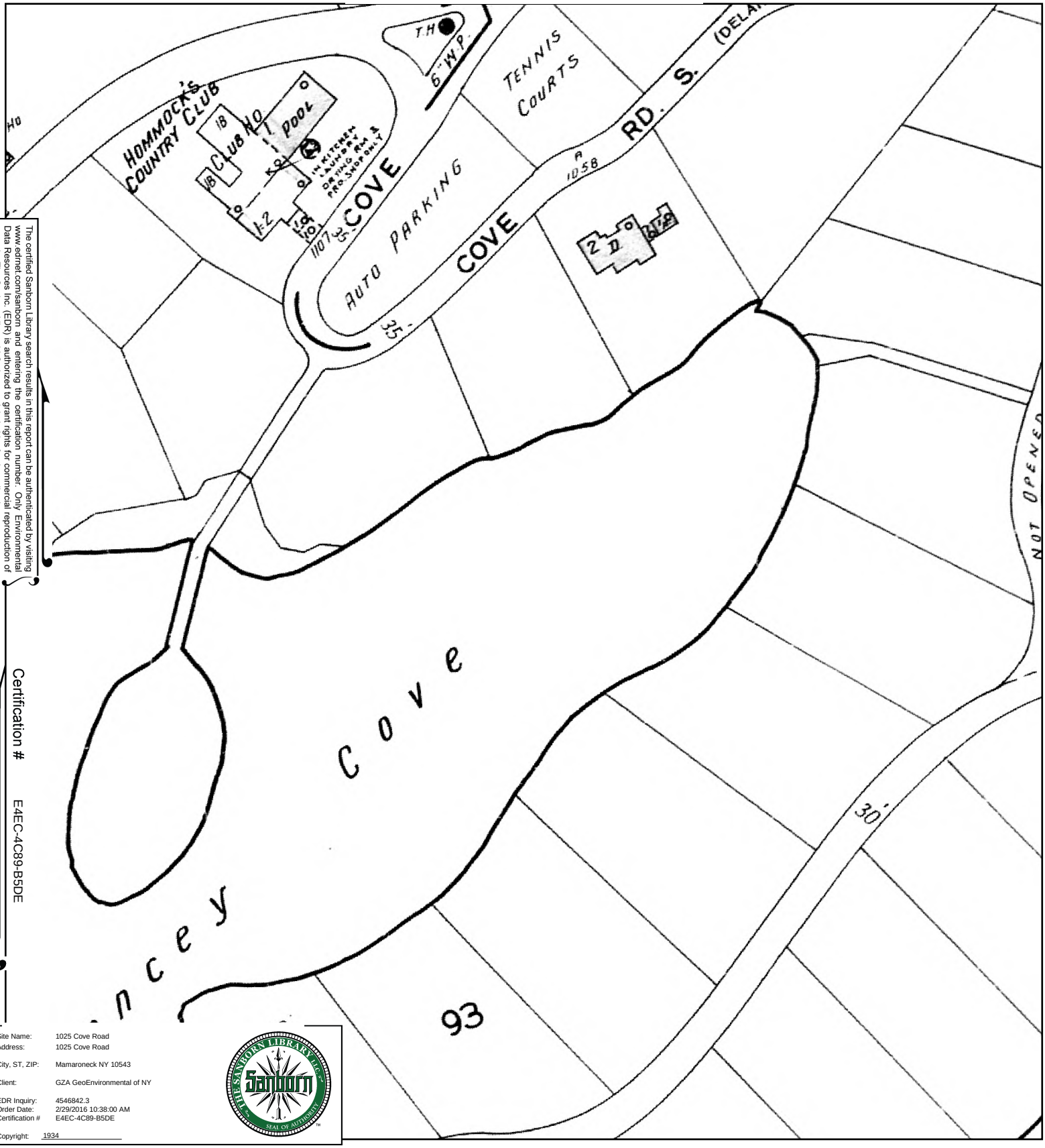

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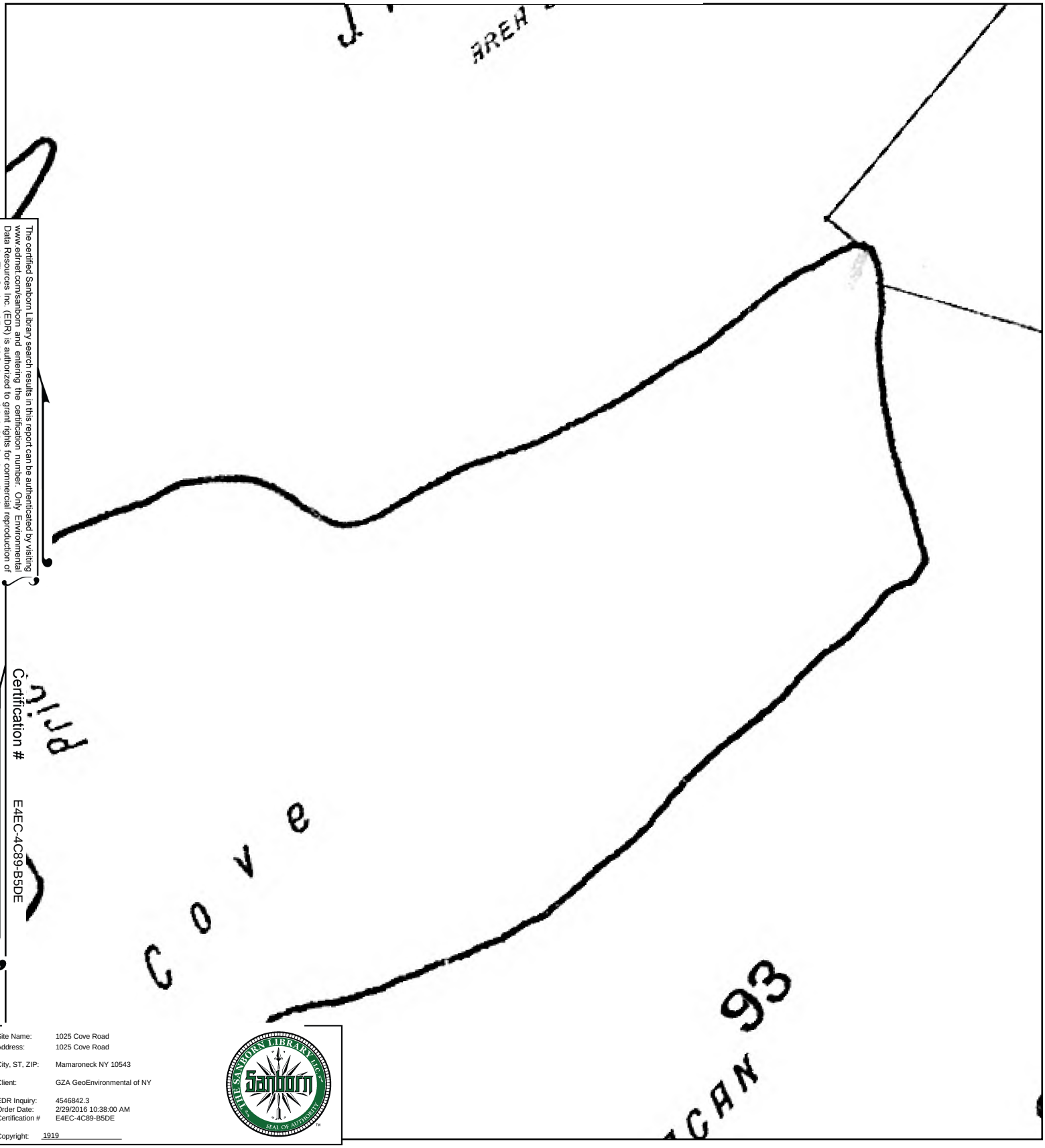
1919 Certified Sanborn Map



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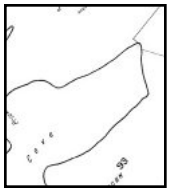

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N

APPENDIX G

RADIUS MAP REPORT

1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.2s
February 24, 2016

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1025 COVE ROAD
MAMARONECK, NY 10543

COORDINATES

Latitude (North):	40.9351560 - 40° 56' 6.56''
Longitude (West):	73.7384220 - 73° 44' 18.31''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	606208.6
UTM Y (Meters):	4532113.0
Elevation:	7 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:	20110710
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1025 COVE ROAD
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	HAMPSHIRE COUNTRY CL	1025 COVE ROAD	NY AST		TP
A2	HAMPSHIRE COUNTRY CL	HOMMOCKS RD	NY LTANKS, NY Spills	Lower	1 ft.
3	220223; 1020 COVE RO	1020 COVE ROAD	NY Spills	Higher	9, 0.002, SE
4	CON ED	1022 COVE RD	NY Spills	Higher	52, 0.010, ESE
B5	DR CHESS	722 COVE RD	NY LTANKS	Higher	52, 0.010, East
B6	RESIDENCE	722 COVE RD EAST	NY LTANKS	Higher	52, 0.010, East
C7	HOMMOCKS MIDDLE SCHO	180 HAMMOCKS ROAD	PA MANIFEST	Higher	69, 0.013, West
C8	HOMMOCKS MIDDLE SCHO	180 HOMMOCKS RD	RCRA-CESQG, FINDS, NY MANIFEST, ECHO	Higher	69, 0.013, West
D9	HOUSE/DR. OFFICE	144 EAST POST ROAD	NY Spills	Higher	140, 0.027, NNW
10	POLE #W17	940 SYLAN LANE	NY Spills	Higher	182, 0.034, North
11	FAIRWAY GREEN	OLD POST ROAD	NY Spills	Higher	188, 0.036, NW
12	SICULAR - UST	521 ORIENTA AVE	NY Spills	Higher	225, 0.043, NNE
E13	POLE # A15	911 FAIRWAY LANE	NY Spills	Higher	228, 0.043, NE
D14	JOYCE - UST	329 COOPER AVE	NY Spills	Higher	308, 0.058, NNW
15	DICK RESIDENCE	1 ROCKRIDGE ROAD	NY Spills	Higher	321, 0.061, West
16	FRED COHEN RESIDENCE	717 ORIENTA AVENUE	NY Spills	Higher	373, 0.071, ENE
F17	HOMMOCKS LEAF PEN	130 HOMMOCKS ROAD	NY SWF/LF	Higher	373, 0.071, West
F18	MIDDLE SCHOOL	130 HOMMOCKS ROAD	NY Spills	Higher	373, 0.071, West
E19	GORDON - UST	628 ORIENTA AVE	NY Spills	Higher	451, 0.085, NE
E20	IN EXCAVATION HOLE	628 ORIENTA AVE	NY Spills	Higher	451, 0.085, NE
21		410 TONI LN	EDR Hist Cleaner	Higher	477, 0.090, North
G22	MAMARONECK C.S.	1000 W. POST RD	NY LTANKS	Higher	505, 0.096, NNW
H23	MH640 BOSTON POST RD	ROCKRIDGE RD	NY Spills	Higher	513, 0.097, WNW
G24	TONY GARGAGLIANO	72 COOPER LANE	NY LTANKS	Higher	528, 0.100, NNW
I25	SPILL NUMBER 0203731	601 FAIRWAY GREEN	NY Spills	Higher	550, 0.104, NW
26	ALICE BLOOM	414 ORIENTA AVE	NY LTANKS	Higher	560, 0.106, NNE
G27	GETTY SERVICE STATIO	946 E POST RD	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Higher	566, 0.107, NNW
28	LARCHMONT LEAF TS	END OF BIRCH LANE	NY SWF/LF	Lower	614, 0.116, SSW
H29	EXCELSIOR CLEANERS	1320 BOSTON POST RD.	RCRA-SQG, US AIRS, FINDS, NY DRYCLEANERS, RI...	Higher	621, 0.118, West
H30		1320 BOSTON POST RD	EDR Hist Cleaner	Higher	621, 0.118, West
H31	CVS PHARMACY #1949	1310 BOSTON POST RD	RCRA-LQG, NY MANIFEST	Higher	623, 0.118, WNW
J32	BORDER LP	1331 BOSTON POST RD	NY LTANKS	Higher	628, 0.119, West
H33	NEW YORK STATE THRUW	1300 BOSTON POST ROA	NY AST	Higher	648, 0.123, WNW
K34	PETCO STORE #3719	1275 BOSTON POST RD	NY MANIFEST	Higher	699, 0.132, WNW
K35	PETCO STORE #3719	1275 BOSTON POST RD	RCRA-CESQG, FINDS, ECHO	Higher	699, 0.132, WNW
36	SANITARY SEWER OVERF	FLINT PARK	NY CBS	Lower	741, 0.140, WSW
37	ELKO AUTO REPAIR	1139 WEST BOSTON POS	NY UST, NY AST	Higher	768, 0.145, NW
L38	RESIDENCE	209 HOMMOCKS RD	NY LTANKS	Higher	772, 0.146, SSW
M39	CON EDISON POLE P8	1053 W BOSTON POST R	RCRA-CESQG, NY MANIFEST	Higher	779, 0.148, NW

MAPPED SITES SUMMARY

Target Property Address:
1025 COVE ROAD
MAMARONECK, NY 10543

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J40	JP MORGAN CHASE BANK	1350 BOSTON POST ROA	NY UST	Higher	787, 0.149, West
I41	CARRIAGE CLEANERS	1204 WEST BOSTON POS	NY DRYCLEANERS	Higher	787, 0.149, NW
I42	CARRIAGE DRY CLEANER	1204 W BOSTON POST R	RCRA-CESQG, US AIRS, FINDS, NY MANIFEST, ECHO	Higher	787, 0.149, NW
M43	MAMARONECK MOTEL	1015 W. BOSTON POST	NY UST	Higher	798, 0.151, NNW
M44	MAMARONECK MOTEL	1015 WEST BOSTON POS	NY LTANKS	Higher	798, 0.151, NNW
45	PVT DWELLING	1010 GREACEN POINT R	NY LTANKS	Higher	814, 0.154, ESE
M46	MAMARONECK SCHOOL	1000 WEST BOSTON POS	NY LTANKS, NY Spills	Higher	835, 0.158, NNW
M47	MAMARONECK HIGH SCHO	1000 W BOSTON POST R	NY UST	Higher	835, 0.158, NNW
M48	MAMARONECK UNION FRE	1000 W BOSTON POST R	RCRA NonGen / NLR, NY MANIFEST	Higher	835, 0.158, NNW
49	CON EDISON POLE 31	1185 GREACEN POINT R	RCRA NonGen / NLR, NY MANIFEST	Higher	836, 0.158, SE
50	WETZEL - REAL ESTATE	1248 GREACEN POINT R	NY LTANKS	Higher	855, 0.162, SSE
N51	RICHARD WITTEN	940 GREACEN POINT RD	NY LTANKS	Higher	873, 0.165, East
52	RESIDENCE	761 FOREST	NY LTANKS	Higher	885, 0.168, ENE
53	ORIENTA GARDENS OWNE	953 WEST BOSTON POST	NY AST	Higher	886, 0.168, NNW
L54	BRUCE LISTCHULTZ	220 HOMMOCKS RD	NY LTANKS	Higher	888, 0.168, SSW
55	PRIVATE HOME	626 STILES AVE	NY LTANKS	Higher	973, 0.184, NE
M56	MAMARONECK H.S.	RT 1 BOSTON POST ROA	NY LTANKS	Higher	1012, 0.192, NW
N57	WESTCHESTER DAY SCHO	865 ORIENTAL AVE	NY UST, ICIS, FINDS, ECHO	Higher	1019, 0.193, East
N58	WESTCHESTER DAY SCHO	856 ORIENTA AVE	NY LTANKS, NY Spills	Higher	1019, 0.193, East
59	CAR QUEST AUTO PARTS	1395 BOSTON POST ROA	NY UST	Higher	1100, 0.208, West
60	MAMARONECK GARDENS,	100-348 RICHBELL PAL	NY UST	Higher	1100, 0.208, NW
61	KOEPPEL RESIDENCE	1308 GREACEN POINT R	NY LTANKS	Higher	1106, 0.209, SSE
O62	BENZER RESIDENCE	412 RUSHMORE AVE	NY LTANKS	Higher	1192, 0.226, NNE
O63	NICHOLS YACHT YARD I	500 RUSHMORE AVE	NY LTANKS, NY Spills, NY SPDES	Higher	1193, 0.226, NNE
O64	NICHOLS YACHT YARDS	500 RUSHMORE AVE	NY UST, NY AST, RCRA NonGen / NLR, FINDS, NY...	Higher	1193, 0.226, NNE
65	MAMARONECK TOWN OF F	205 WEAVER ST	NY Spills, RCRA NonGen / NLR, FINDS, ECHO	Higher	1298, 0.246, NNW
66	EMIELO ZANOS	705 OLD POST RD	NY LTANKS	Higher	1301, 0.246, North
67	RESIDENCE	707 FOREST AVE	NY LTANKS	Higher	1324, 0.251, ENE
68	MAYERSON - TTF	720 WALTON AVE	NY LTANKS	Higher	1340, 0.254, ENE
69	SPILL NUMBER 0307108	21 COPLEY RD	NY LTANKS, NY Spills	Higher	1363, 0.258, West
70	MAMARONECK GARDENS	100-348 RICHBELL ROA	NY LTANKS, NY Spills	Higher	1374, 0.260, NW
71	MAMARONECK CEN SCH	HAUMES AVE	NY LTANKS	Higher	1417, 0.268, NNW
P72	APT BLD	11 ALDEN RD	NY LTANKS	Higher	1485, 0.281, WSW
73	DRYER RESIDENCE	17 OLD COLONY DRIVE	NY LTANKS	Higher	1530, 0.290, SW
74	APARTMENT	823 WALTON AVE	NY LTANKS	Higher	1538, 0.291, ENE
Q75	SPILL NUMBER 0106394	110 CARLEON AVE	NY LTANKS	Higher	1573, 0.298, West
P76	SPILL NUMBER 0313036	7 HARMONY DRIVE	NY LTANKS	Higher	1606, 0.304, WSW
Q77	GARRY RESIDENCE	7 MEADOW PL	NY LTANKS	Higher	1612, 0.305, West
78	LICKTER RESIDENCE	3 SPANISH COVE RD	NY LTANKS	Lower	1704, 0.323, SW

MAPPED SITES SUMMARY

Target Property Address:
1025 COVE ROAD
MAMARONECK, NY 10543

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
79	THE ANIMAL HOSPITAL	649 WEST BOSTON POST	NY LTANKS	Higher	1731, 0.328, North
80	APARTMENT COMPLEX	328 RICHBELL RD	NY LTANKS	Higher	1749, 0.331, NW
R81	PIZZIMENTI HOME	815 CARPENTER PLACE	NY LTANKS	Higher	1750, 0.331, NNW
82	SPILL NUMBER 0000190	72 HOWELL AVE	NY LTANKS	Higher	1762, 0.334, West
83	LAKE HOME	71 SHORE DRIVE	NY LTANKS	Higher	1854, 0.351, SW
84	915 SKIBO LANE	915 SKIBO LANE	NY LTANKS	Higher	1871, 0.354, East
S85	RESIDENCE	10 NASSAU RD	NY LTANKS	Higher	1932, 0.366, WSW
R86	PIRNICK RESIDENCE	818 WOODBINE AVE	NY LTANKS, NY Spills	Higher	1933, 0.366, NNW
S87	RESIDENCE	2 CAMBRIDGE COURT	NY LTANKS	Higher	1992, 0.377, WSW
T88	ORIENTA BEACH CLUB	1054 WALTON AVE	NY LTANKS	Higher	2018, 0.382, East
T89	ORIENTA BEACH CLUB:	1054 WALTON AVE	NY LTANKS	Higher	2018, 0.382, East
90	CENTRAL SCHOOL	PALMER AVE	NY LTANKS	Higher	2020, 0.383, WNW
91	RESIDENCE	1084 BAYHEAD DRIVE	NY LTANKS	Higher	2038, 0.386, SE
92	HIGHWAY GARAGE FACIL	2015 BOSTON POST ROA	NY LTANKS	Higher	2039, 0.386, WSW
93	BIRDVELL RESIDENCE	4 FOREST PARK AVE	NY LTANKS	Higher	2046, 0.387, WSW
S94	RESIDENCE	3 CAMBRIDGE CT	NY LTANKS	Higher	2111, 0.400, WSW
95	FLINT PARK	END OF BIRCH LANE	NY LTANKS	Higher	2118, 0.401, WSW
96	LARCHMONT ACRES EAST	RICHBELL ROAD	NY LTANKS, NY Spills	Higher	2120, 0.402, NW
U97	MAMARONECK HIGH SCHO	PALMER AVE BLDG	RCRA-CESQG, NY LTANKS, NJ MANIFEST, NY MANIFEST	Higher	2167, 0.410, NW
V98	ESTATE OF LANDES	10 CAMBRIDGE COURT	NY LTANKS	Higher	2197, 0.416, WSW
U99	ABINGTON SQUARE APTS	905-909 PALMER AVE	NY LTANKS	Higher	2205, 0.418, NW
100	CARRIER RESIDENCE	45 CARLEON AV	NY LTANKS	Higher	2232, 0.423, West
101	TANK TEST FAILURE	808 PALMER AVE	NY LTANKS, NY Spills	Higher	2239, 0.424, NNW
W102	FISCHER	1010 CONSTABLE DR	NY LTANKS, NY Spills	Higher	2281, 0.432, SE
W103	LIEB	1020 CONSTABLE DR	NY LTANKS	Higher	2288, 0.433, SE
104	SADFI REALTY	516 WEST BOSTON POST	NY LTANKS	Higher	2289, 0.434, North
V105	RESIDENCE	15 FOREST PARK AVE	NY LTANKS	Higher	2318, 0.439, WSW
X106	RESIDENCE	803 OAKWOOD ROAD	NY LTANKS	Higher	2330, 0.441, ENE
V107	MARTIN RES	16 FOREST PARK AVE	NY LTANKS	Higher	2338, 0.443, WSW
108	SPILL NUMBER 0106950	539 BLEEKER AVE	NY LTANKS	Higher	2338, 0.443, ENE
109	FOLEY HOME	722 PROSPECT AVE	NY LTANKS	Higher	2356, 0.446, NNW
X110	RESIDENCE	726 THE CRESANT	NY LTANKS, NY Spills	Lower	2357, 0.446, NE
Y111	SARAH NEWMAN NURSING	845 PALMER AVE	NY LTANKS, NY Spills	Higher	2418, 0.458, NNW
Y112	SIR NEWMAN NURING HO	845 PALNER AVE	NY LTANKS	Higher	2418, 0.458, NNW
113	JASON KUNREUTHER	17 BONNET AVENUE	NY LTANKS	Higher	2453, 0.465, WSW
Z114	BEN BEDERSON RESIDEN	8 HALL AVE.	NY LTANKS	Higher	2485, 0.471, WSW
115	LONG ISLAND SOUND	LONG ISLAND SOUND	NY LTANKS	Lower	2532, 0.480, NE
Z116	SPILL NUMBER 0011319	14 HALL AVE	NY LTANKS	Higher	2543, 0.482, WSW
Z117	YAHIA RESIDENCE	17 HALL AVE	NY LTANKS	Higher	2547, 0.482, West

MAPPED SITES SUMMARY

Target Property Address:
1025 COVE ROAD
MAMARONECK, NY 10543

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
118	BURSTEIN RESIDENCE	40 FLINT AVE	NY LTANKS	Higher	2550, 0.483, SW
119	SPILL NUMBER 0102437	11 BISHOP PLACE	NY LTANKS, NY Spills	Higher	2608, 0.494, SW
120	HAPPINESS LAUNDRY &	613 WAVERLY AVENUE	NY SHWS, NY DRYCLEANERS	Higher	3521, 0.667, NNW
121	FORMER EMCA SITE	605 CENTER AVENUE AN	NY SHWS, NY VAPOR REOPENED	Higher	3812, 0.722, NNW
122	624 FENIMORE AVENUE	624 FENIMORE AVENUE	NY SHWS, NY Spills	Higher	4410, 0.835, NNW
123	BLOOD BROTHERS AUTO	270 WAVERLY AVENUE	NY SHWS, NY SWF/LF, NY Spills, NY SPDES	Higher	4784, 0.906, North
124	ITT SEALECTRO CORP.	139 HOYT ST.	RCRA-CESQG, NY SHWS, NY VAPOR REOPENED, NY CBS, NY	Higher	5125, 0.971, North

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
HAMPSHIRE COUNTRY CL 1025 COVE ROAD MAMARONECK, NY 10543	NY AST Status: 1. In-Service PBS Number: 3-801927	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
CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP ---------- CERCLIS No Further Remedial Action Planned

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 CBS AST..... Chemical Bulk Storage Database
NY MOSF AST..... Major Oil Storage Facilities Database
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

NY RES DECL..... Restrictive Declarations Listing
NY ENG CONTROLS..... Registry of Engineering Controls
NY INST CONTROL..... Registry of Institutional Controls

State and tribal voluntary cleanup sites

NY VCP..... Voluntary Cleanup Agreements
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY BROWNFIELDS..... Brownfields Site List
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 SWRCY..... Registered Recycling Facility List
NY SWTIRE..... Registered Waste Tire Storage & 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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... National Clandestine Laboratory Register

NY DEL SHWS ---- Delisted Registry Sites
US CDL ---- Clandestine Drug Labs

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
NY AIRS ---- Air Emissions Data
NY COAL ASH ---- Coal Ash Disposal Site Listing
NY E DESIGNATION ---- E DESIGNATION SITE LISTING
NY Financial Assurance ---- Financial Assurance Information Listing

NY HSWDS ---------- Hazardous Substance Waste Disposal Site Inventory
NY UIC ---------- Underground Injection Control Wells
FUELS PROGRAM ---------- EPA Fuels Program Registered Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---------- EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ---------- EDR Exclusive Historic Gas Stations

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 06/09/2015 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CVS PHARMACY #1949	***1310 BOSTON POST RD***	***WNW 0 - 1/8 (0.118 mi.)***	***H31***	***77***

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 06/09/2015 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EXCELSIOR CLEANERS	***1320 BOSTON POST RD.***	***W 0 - 1/8 (0.118 mi.)***	***H29***	***53***

RCRA-CESQG: 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/09/2015 has revealed that there are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOMMOCKS MIDDLE SCHO	***180 HOMMOCKS RD***	***W 0 - 1/8 (0.013 mi.)***	***C8***	***17***
PETCO STORE #3719	***1275 BOSTON POST RD***	***WNW 1/8 - 1/4 (0.132 mi.)***	***K35***	***95***
CON EDISON POLE P8	***1053 W BOSTON POST R***	***NW 1/8 - 1/4 (0.148 mi.)***	***M39***	***102***
CARRIAGE DRY CLEANER	***1204 W BOSTON POST R***	***NW 1/8 - 1/4 (0.149 mi.)***	***I42***	***105***

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 01/12/2016 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
HAPPINESS LAUNDRY &	***613 WAVERLY AVENUE***	***NNW 1/2 - 1 (0.667 mi.)***	***120***	***296***
Site Code: 58954				
FORMER EMCA SITE	***605 CENTER AVENUE AN***	***NNW 1/2 - 1 (0.722 mi.)***	***121***	***298***
Site Code: 56083				
Class Code: Significant threat to the public health or environment - action required.				
624 FENIMORE AVENUE	***624 FENIMORE AVENUE***	***NNW 1/2 - 1 (0.835 mi.)***	***122***	***301***
Site Code: 58474				
BLOOD BROTHERS AUTO	***270 WAVERLY AVENUE***	***N 1/2 - 1 (0.906 mi.)***	***123***	***303***
Site Code: 58572				
ITT SEALECTRO CORP.	***139 HOYT ST.***	***N 1/2 - 1 (0.971 mi.)***	***124***	***312***

Site Code: 56084
Class Code: Significant threat to the public health or environment - action required.

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 08/01/2015 has revealed that there are 2 NY VAPOR REOPENED sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER EMCA SITE	***605 CENTER AVENUE AN***	***NNW 1/2 - 1 (0.722 mi.)***	***121***	***298***
Facility Status: Complete (No Further Action) Site Code: 360025				
ITT SEALECTRO CORP.	***139 HOYT ST.***	***N 1/2 - 1 (0.971 mi.)***	***124***	***312***
Facility Status: Complete Site Code: 360027				

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 01/05/2016 has revealed that there are 2 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOMMOCKS LEAF PEN	130 HOMMOCKS ROAD	W 0 - 1/8 (0.071 mi.)	F17	36

Lower Elevation	Address	Direction / Distance	Map ID	Page
LARCHMONT LEAF TS	END OF BIRCH LANE	SSW 0 - 1/8 (0.116 mi.)	28	52

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 11/16/2015 has revealed that there are

EXECUTIVE SUMMARY

75 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DR CHESS Spill Number/Closed Date: 9813224 / 2005-02-26 Site ID: 305989 Program Number: 9813224	722 COVE RD	E 0 - 1/8 (0.010 mi.)	B5	13
RESIDENCE Spill Number/Closed Date: 9808486 / 1999-04-02 Site ID: 208086 Program Number: 9808486	722 COVE RD EAST	E 0 - 1/8 (0.010 mi.)	B6	14
MAMARONECK C.S. Spill Number/Closed Date: 8708130 / 1988-02-24 Site ID: 147023 Program Number: 8708130	1000 W. POST RD	NNW 0 - 1/8 (0.096 mi.)	G22	41
TONY GARGAGLIANO Spill Number/Closed Date: 9110685 / 1995-07-18 Site ID: 79814 Program Number: 9110685	72 COOPER LANE	NNW 0 - 1/8 (0.100 mi.)	G24	43
ALICE BLOOM Spill Number/Closed Date: 0109133 / 2003-05-08 Site ID: 114758 Program Number: 0109133	414 ORIENTA AVE	NNE 0 - 1/8 (0.106 mi.)	26	46
BORDER LP Spill Number/Closed Date: 1103474 / 2011-09-06 Site ID: 451038 Program Number: 1103474	1331 BOSTON POST RD	W 0 - 1/8 (0.119 mi.)	J32	92
RESIDENCE Spill Number/Closed Date: 9814768 / 1999-05-24 Site ID: 93627 Program Number: 9814768	209 HOMMOCKS RD	SSW 1/8 - 1/4 (0.146 mi.)	L38	101
MAMARONECK MOTEL Spill Number/Closed Date: 9900817 / 2000-01-11 Site ID: 316141 Program Number: 9900817	1015 WEST BOSTON POS	NNW 1/8 - 1/4 (0.151 mi.)	M44	124
PVT DWELLING Spill Number/Closed Date: 0911775 / 2010-08-17 Site ID: 424612 Program Number: 0911775	1010 GREACEN POINT R	ESE 1/8 - 1/4 (0.154 mi.)	45	125
MAMARONECK SCHOOL Spill Number/Closed Date: 8708000 / 1988-06-02 Site ID: 156172 Program Number: 8708000	***1000 WEST BOSTON POS***	***NNW 1/8 - 1/4 (0.158 mi.)***	***M46***	***126***
WETZEL - REAL ESTATE Spill Number/Closed Date: 1501371 / 2015-07-31 Site ID: 507570 Program Number: 1501371	1248 GREACEN POINT R	SSE 1/8 - 1/4 (0.162 mi.)	50	134
RICHARD WITTEN Spill Number/Closed Date: 0100725 / 2001-11-26 Site ID: 240017 Program Number: 0100725	940 GREACEN POINT RD	E 1/8 - 1/4 (0.165 mi.)	N51	135
RESIDENCE	761 FOREST	ENE 1/8 - 1/4 (0.168 mi.)	52	136

Spill Number/Closed Date: 9313233 / 1997-11-14
Site ID: 236722
Program Number: 9313233

BRUCE LISTCHULTZ	220 HOMMOCKS RD	SSW 1/8 - 1/4 (0.168 mi.)	L54	138
Spill Number/Closed Date: 0305908 / 2004-05-10				
Site ID: 287987				
Program Number: 0305908				
PRIVATE HOME	626 STILES AVE	NE 1/8 - 1/4 (0.184 mi.)	55	139
Spill Number/Closed Date: 0710880 / 2008-05-01				
Site ID: 392249				
Program Number: 0710880				
MAMARONECK H.S.	RT 1 BOSTON POST ROA	NW 1/8 - 1/4 (0.192 mi.)	M56	140
Spill Number/Closed Date: 9306257 / 1994-05-24				
Site ID: 234044				
Program Number: 9306257				
WESTCHESTER DAY SCHO	***856 ORIENTA AVE***	***E 1/8 - 1/4 (0.193 mi.)***	***N58***	***146***
Spill Number/Closed Date: 9809847 / 2000-01-11				
Site ID: 156353				
Program Number: 9809847				
KOEPPEL RESIDENCE	1308 GREACEN POINT R	SSE 1/8 - 1/4 (0.209 mi.)	61	156
Spill Number/Closed Date: 1215758 / 2013-06-10				
Site ID: 479089				
Program Number: 1215758				
BENZER RESIDENCE	412 RUSHMORE AVE	NNE 1/8 - 1/4 (0.226 mi.)	O62	157
Spill Number/Closed Date: 9608118 / 1996-11-21				
Spill Number/Closed Date: 9603065 / 1996-11-21				
Site ID: 214842				
Site ID: 250938				
Program Number: 9608118				
Program Number: 9603065				
NICHOLS YACHT YARD I	***500 RUSHMORE AVE***	***NNE 1/8 - 1/4 (0.226 mi.)***	***O63***	***159***
Spill Number/Closed Date: 8904693 / 1992-07-30				
Spill Number/Closed Date: 9813507 / 1999-02-04				
Site ID: 77950				
Site ID: 225383				
Program Number: 8904693				
Program Number: 9813507				
EMIELO ZANOS	705 OLD POST RD	N 1/8 - 1/4 (0.246 mi.)	66	181
Spill Number/Closed Date: 0301207 / 2003-08-20				
Site ID: 111566				
Program Number: 0301207				
RESIDENCE	707 FOREST AVE	ENE 1/4 - 1/2 (0.251 mi.)	67	182
Spill Number/Closed Date: 0501691 / 2006-06-14				
Site ID: 345928				
Program Number: 0501691				
MAYERSON - TTF	720 WALTON AVE	ENE 1/4 - 1/2 (0.254 mi.)	68	183
Spill Number/Closed Date: 1401973 / 2015-02-12				
Site ID: 495278				
Program Number: 1401973				
SPILL NUMBER 0307108	***21 COPLEY RD***	***W 1/4 - 1/2 (0.258 mi.)***	***69***	***184***
Spill Number/Closed Date: 0307108 / 2003-12-03				

Site ID: 62335
Program Number: 0307108

MAMARONECK GARDENS	***100-348 RICHBELL ROA***	***NW 1/4 - 1/2 (0.260 mi.)***	***70***	***187***
Spill Number/Closed Date: 0209258 / 2003-12-09 Spill Number/Closed Date: 0209259 / 2003-12-09 Spill Number/Closed Date: 0209260 / 2003-12-09 Spill Number/Closed Date: 0310221 / 2005-03-16 Site ID: 262629 Site ID: 262630 Site ID: 262631 Site ID: 262632 Program Number: 0209258 Program Number: 0209259 Program Number: 0209260 Program Number: 0310221				
MAMARONECK CEN SCH	HAUMES AVE	NNW 1/4 - 1/2 (0.268 mi.)	71	193
Spill Number/Closed Date: 8708146 / 1989-11-29 Site ID: 203541 Program Number: 8708146				
APT BLD	11 ALDEN RD	WSW 1/4 - 1/2 (0.281 mi.)	P72	194
Spill Number/Closed Date: 0602133 / 2006-09-22 Spill Number/Closed Date: 1011710 / 2011-05-20 Site ID: 364540 Site ID: 445598 Program Number: 0602133 Program Number: 1011710				
DRYER RESIDENCE	17 OLD COLONY DRIVE	SW 1/4 - 1/2 (0.290 mi.)	73	196
Spill Number/Closed Date: 9101545 / 1997-11-10 Site ID: 167531 Program Number: 9101545				
APARTMENT	823 WALTON AVE	ENE 1/4 - 1/2 (0.291 mi.)	74	197
Spill Number/Closed Date: 0406785 / 2004-11-29 Spill Number/Closed Date: 0407704 / 2004-11-29 Site ID: 89085 Site ID: 332229 Program Number: 0406785 Program Number: 0407704				
SPILL NUMBER 0106394	110 CARLEON AVE	W 1/4 - 1/2 (0.298 mi.)	Q75	199
Spill Number/Closed Date: 0106394 / 2002-01-03 Site ID: 314780 Program Number: 0106394				
SPILL NUMBER 0313036	7 HARMONY DRIVE	WSW 1/4 - 1/2 (0.304 mi.)	P76	201
Spill Number/Closed Date: 0311429 / 2004-04-26 Spill Number/Closed Date: 0313036 / 2004-04-22 Site ID: 260818 Site ID: 260819 Program Number: 0311429 Program Number: 0313036				
GARRY RESIDENCE	7 MEADOW PL	W 1/4 - 1/2 (0.305 mi.)	Q77	203
Spill Number/Closed Date: 0109734 / 2002-02-04 Site ID: 324496 Program Number: 0109734				
THE ANIMAL HOSPITAL	649 WEST BOSTON POST	N 1/4 - 1/2 (0.328 mi.)	79	205

Spill Number/Closed Date: 9906960 / 2004-05-17
Site ID: 69430
Program Number: 9906960

APARTMENT COMPLEX	328 RICHBELL RD	NW 1/4 - 1/2 (0.331 mi.)	80	206
Spill Number/Closed Date: 0203433 / 2004-05-06				
Site ID: 179514				
Program Number: 0203433				
PIZZIMENTI HOME	815 CARPENTER PLACE	NNW 1/4 - 1/2 (0.331 mi.)	R81	207
Spill Number/Closed Date: 0500838 / 2005-05-26				
Site ID: 343926				
Program Number: 0500838				
SPILL NUMBER 0000190	72 HOWELL AVE	W 1/4 - 1/2 (0.334 mi.)	82	209
Spill Number/Closed Date: 0000190 / 2000-04-18				
Site ID: 231198				
Program Number: 0000190				
LAKE HOME	71 SHORE DRIVE	SW 1/4 - 1/2 (0.351 mi.)	83	210
Spill Number/Closed Date: 0505736 / 2005-09-29				
Site ID: 350818				
Program Number: 0505736				
915 SKIBO LANE	915 SKIBO LANE	E 1/4 - 1/2 (0.354 mi.)	84	211
Spill Number/Closed Date: 9805697 / 2005-05-14				
Site ID: 196127				
Program Number: 9805697				
RESIDENCE	10 NASSAU RD	WSW 1/4 - 1/2 (0.366 mi.)	S85	212
Spill Number/Closed Date: 0403388 / 2004-10-28				
Site ID: 138656				
Program Number: 0403388				
PIRNICK RESIDENCE	***818 WOODBINE AVE***	***NNW 1/4 - 1/2 (0.366 mi.)***	***R86***	***213***
Spill Number/Closed Date: 0803802 / 2008-09-23				
Site ID: 400598				
Program Number: 0803802				
RESIDENCE	2 CAMBRIDGE COURT	WSW 1/4 - 1/2 (0.377 mi.)	S87	215
Spill Number/Closed Date: 0311004 / 2003-12-31				
Site ID: 293841				
Program Number: 0311004				
ORIENTA BEACH CLUB	1054 WALTON AVE	E 1/4 - 1/2 (0.382 mi.)	T88	217
Spill Number/Closed Date: 1307738 / Not Reported				
Spill Number/Closed Date: 9407254 / 1994-10-13				
Spill Number/Closed Date: 0206814 / 2002-10-28				
Spill Number/Closed Date: 0807278 / 2008-10-27				
Spill Number/Closed Date: 1311171 / 2014-03-25				
**Additional key fields are available in the Map Findings section*				
Site ID: 488424				
Site ID: 112616				
Site ID: 247259				
Site ID: 404618				
Site ID: 492058				
**Additional key fields are available in the Map Findings section*				
Program Number: 1307738				
Program Number: 9407254				
Program Number: 0206814				
Program Number: 0807278				

Program Number: 1311171
**Additional key fields are available in the Map Findings section*

ORIENTA BEACH CLUB: Spill Number/Closed Date: 1310549 / 2014-03-25 Site ID: 491403 Program Number: 1310549	1054 WALTON AVE	E 1/4 - 1/2 (0.382 mi.)	T89	224
CENTRAL SCHOOL Spill Number/Closed Date: 9305290 / 1994-05-24 Site ID: 63916 Program Number: 9305290	PALMER AVE	WNW 1/4 - 1/2 (0.383 mi.)	90	225
RESIDENCE Spill Number/Closed Date: 0904745 / 2010-09-15 Site ID: 416951 Program Number: 0904745	1084 BAYHEAD DRIVE	SE 1/4 - 1/2 (0.386 mi.)	91	226
HIGHWAY GARAGE FACIL Spill Number/Closed Date: 0313262 / 2004-03-11 Spill Number/Closed Date: 9606492 / 1996-09-30 Site ID: 137925 Site ID: 137926 Program Number: 0313262 Program Number: 9606492	2015 BOSTON POST ROA	WSW 1/4 - 1/2 (0.386 mi.)	92	231
BIRDVELL RESIDENCE Spill Number/Closed Date: 0208984 / 2003-02-27 Site ID: 249561 Program Number: 0208984	4 FOREST PARK AVE	WSW 1/4 - 1/2 (0.387 mi.)	93	233
RESIDENCE Spill Number/Closed Date: 9800085 / 1998-05-01 Site ID: 161347 Program Number: 9800085	3 CAMBRIDGE CT	WSW 1/4 - 1/2 (0.400 mi.)	S94	234
FLINT PARK Spill Number/Closed Date: 9601118 / 1998-02-23 Site ID: 101385 Program Number: 9601118	END OF BIRCH LANE	WSW 1/4 - 1/2 (0.401 mi.)	95	235
LARCHMONT ACRES EAST Spill Number/Closed Date: 9011518 / 1992-03-10 Site ID: 218318 Program Number: 9011518	***RICHBELL ROAD***	***NW 1/4 - 1/2 (0.402 mi.)***	***96***	***236***
MAMARONECK HIGH SCHO Spill Number/Closed Date: 8708014 / 1989-11-29 Site ID: 246822 Program Number: 8708014	***PALMER AVE BLDG***	***NW 1/4 - 1/2 (0.410 mi.)***	***U97***	***238***
ESTATE OF LANDES Spill Number/Closed Date: 0401701 / 2004-09-14 Site ID: 217696 Program Number: 0401701	10 CAMBRIDGE COURT	WSW 1/4 - 1/2 (0.416 mi.)	V98	255
ABINGTON SQUARE APTS Spill Number/Closed Date: 9707977 / 1998-02-25 Site ID: 219261 Program Number: 9707977	905-909 PALMER AVE	NW 1/4 - 1/2 (0.418 mi.)	U99	257
CARRIER RESIDENCE Spill Number/Closed Date: 0307038 / 2003-11-20	45 CARLEON AV	W 1/4 - 1/2 (0.423 mi.)	100	258

Site ID: 174655
Program Number: 0307038

TANK TEST FAILURE	***808 PALMER AVE***	***NNW 1/4 - 1/2 (0.424 mi.)***	***101***	***259***
Spill Number/Closed Date: 1010441 / Not Reported Site ID: 444045 Program Number: 1010441				
FISCHER	***1010 CONSTABLE DR***	***SE 1/4 - 1/2 (0.432 mi.)***	***W102***	***266***
Spill Number/Closed Date: 8703658 / 1988-04-28 Site ID: 89041 Program Number: 8703658				
LIEB	1020 CONSTABLE DR	SE 1/4 - 1/2 (0.433 mi.)	W103	268
Spill Number/Closed Date: 9808689 / 1998-11-06 Site ID: 234138 Program Number: 9808689				
SADFI REALTY	516 WEST BOSTON POST	N 1/4 - 1/2 (0.434 mi.)	104	269
Spill Number/Closed Date: 0610881 / 2007-02-07 Site ID: 375406 Program Number: 0610881				
RESIDENCE	15 FOREST PARK AVE	WSW 1/4 - 1/2 (0.439 mi.)	V105	270
Spill Number/Closed Date: 9505787 / 1996-09-10 Site ID: 120940 Program Number: 9505787				
RESIDENCE	803 OAKWOOD ROAD	ENE 1/4 - 1/2 (0.441 mi.)	X106	271
Spill Number/Closed Date: 0608880 / 2007-06-19 Site ID: 372940 Program Number: 0608880				
MARTIN RES	16 FOREST PARK AVE	WSW 1/4 - 1/2 (0.443 mi.)	V107	272
Spill Number/Closed Date: 0111809 / 2002-05-03 Site ID: 206085 Program Number: 0111809				
SPILL NUMBER 0106950	539 BLEEKER AVE	ENE 1/4 - 1/2 (0.443 mi.)	108	273
Spill Number/Closed Date: 0106950 / 2002-01-17 Site ID: 268172 Program Number: 0106950				
FOLEY HOME	722 PROSPECT AVE	NNW 1/4 - 1/2 (0.446 mi.)	109	274
Spill Number/Closed Date: 0504006 / 2005-09-11 Site ID: 348725 Program Number: 0504006				
SARAH NEWMAN NURSING	***845 PALMER AVE***	***NNW 1/4 - 1/2 (0.458 mi.)***	***Y111***	***278***
Spill Number/Closed Date: 9607339 / 2013-01-17 Spill Number/Closed Date: 0710591 / 2008-06-10 Site ID: 269267 Site ID: 391901 Program Number: 9607339 Program Number: 0710591				
SIR NEWMAN NURING HO	845 PALNER AVE	NNW 1/4 - 1/2 (0.458 mi.)	Y112	283
Spill Number/Closed Date: 8707145 / 1989-01-05 Site ID: 88268 Program Number: 8707145				
JASON KUNREUTHER	17 BONNET AVENUE	WSW 1/4 - 1/2 (0.465 mi.)	113	285
Spill Number/Closed Date: 9902354 / 2000-07-19				

Spill Number/Closed Date: 1007092 / 2010-10-27
Site ID: 243264
Site ID: 440479
Program Number: 9902354
Program Number: 1007092

BEN BEDERSON RESIDEN — 8 HALL AVE. — WSW 1/4 - 1/2 (0.471 mi.) — Z114 — 287
Spill Number/Closed Date: 9410735 / 1995-02-13
Site ID: 146635
Program Number: 9410735

SPILL NUMBER 0011319 — 14 HALL AVE — WSW 1/4 - 1/2 (0.482 mi.) — Z116 — 289
Spill Number/Closed Date: 0011319 / 2001-04-11
Site ID: 184309
Program Number: 0011319

YAHIA RESIDENCE — 17 HALL AVE — W 1/4 - 1/2 (0.482 mi.) — Z117 — 291
Spill Number/Closed Date: 0601851 / 2007-01-03
Spill Number/Closed Date: 0602686 / 2007-01-03
Site ID: 364200
Site ID: 365228
Program Number: 0601851
Program Number: 0602686

BURSTEIN RESIDENCE — 40 FLINT AVE — SW 1/4 - 1/2 (0.483 mi.) — 118 — 293
Spill Number/Closed Date: 0208896 / 2003-05-21
Site ID: 291952
Program Number: 0208896

SPILL NUMBER 0102437 — ***11 BISHOP PLACE*** — ***SW 1/4 - 1/2 (0.494 mi.)*** — ***119*** — ***294***
Spill Number/Closed Date: 9204145 / 1992-07-13
Site ID: 282388
Program Number: 9204145

Lower Elevation	Address	Direction / Distance	Map ID	Page

HAMPSHIRE COUNTRY CL — ***HOMMOCKS RD*** — ***0 - 1/8 (0.000 mi.)*** — ***A2*** — ***9***
Spill Number/Closed Date: 9902831 / 1999-08-02
Site ID: 316007
Program Number: 9902831

LICKTER RESIDENCE — 3 SPANISH COVE RD — SW 1/4 - 1/2 (0.323 mi.) — 78 — 204
Spill Number/Closed Date: 0206094 / 2003-02-04
Site ID: 219399
Program Number: 0206094

RESIDENCE — ***726 THE CRESANT*** — ***NE 1/4 - 1/2 (0.446 mi.)*** — ***X110*** — ***276***
Spill Number/Closed Date: 9708066 / 1997-10-15
Site ID: 295144
Program Number: 9708066

LONG ISLAND SOUND — LONG ISLAND SOUND — NE 1/4 - 1/2 (0.480 mi.) — 115 — 288
Spill Number/Closed Date: 8903795 / 1989-07-25
Site ID: 173419
Program Number: 8903795

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, and dated 12/29/2015 has revealed that there are 8 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELKO AUTO REPAIR Status: 5. Closed - removed Id/Status:: 3-800967 Site Status: Active	***1139 WEST BOSTON POS***	***NW 1/8 - 1/4 (0.145 mi.)***	***37***	***99***
JP MORGAN CHASE BANK Status: 5. Closed - removed Id/Status:: 3-801219 Site Status: Unregulated: <1101 gal. PBS	1350 BOSTON POST ROA	W 1/8 - 1/4 (0.149 mi.)	J40	104
MAMARONECK MOTEL Status: 5. Closed - removed Id/Status:: 3-800536 Site Status: Unregulated: <1101 gal. PBS	1015 W. BOSTON POST	NNW 1/8 - 1/4 (0.151 mi.)	M43	123
MAMARONECK HIGH SCHO Status: 5. Closed - removed Id/Status:: 3-409537 Site Status: Unregulated: <1101 gal. PBS	1000 W BOSTON POST R	NNW 1/8 - 1/4 (0.158 mi.)	M47	129
WESTCHESTER DAY SCHO Status: 1. In-Service Status: 5. Closed - removed Id/Status:: 3-164275 Site Status: Active	***865 ORIENTAL AVE***	***E 1/8 - 1/4 (0.193 mi.)***	***N57***	***141***
CAR QUEST AUTO PARTS Status: 5. Closed - removed Id/Status:: 3-801826 Site Status: Unregulated	1395 BOSTON POST ROA	W 1/8 - 1/4 (0.208 mi.)	59	151
MAMARONECK GARDENS, Status: 4. Closed - in place Status: 5. Closed - removed Id/Status:: 3-177849 Site Status: Unregulated: <1101 gal. PBS	100-348 RICHBELL PAL	NW 1/8 - 1/4 (0.208 mi.)	60	152
NICHOLS YACHT YARDS Status: 5. Closed - removed Id/Status:: 3-459771 Site Status: Unregulated: <1101 gal. PBS	***500 RUSHMORE AVE***	***NNE 1/8 - 1/4 (0.226 mi.)***	***O64***	***166***

EXECUTIVE SUMMARY

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 12/29/2015 has revealed that there is 1 NY CBS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SANITARY SEWER OVERF CBS Number: 3-000436 Facility Status: Active	FLINT PARK	WSW 1/8 - 1/4 (0.140 mi.)	36	99

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, and dated 12/29/2015 has revealed that there are 4 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW YORK STATE THRUW Status: 5. Closed - removed PBS Number: 3-600222	1300 BOSTON POST ROA	WNW 0 - 1/8 (0.123 mi.)	H33	93
ELKO AUTO REPAIR Status: 1. In-Service PBS Number: 3-800967	***1139 WEST BOSTON POS***	***NW 1/8 - 1/4 (0.145 mi.)***	***37***	***99***
ORIENTA GARDENS OWNE Status: 4. Closed - in place PBS Number: 3-175560	953 WEST BOSTON POST	NNW 1/8 - 1/4 (0.168 mi.)	53	137
NICHOLS YACHT YARDS Status: 0. Administratively closed Status: 5. Closed - removed PBS Number: 3-459771	***500 RUSHMORE AVE***	***NNE 1/8 - 1/4 (0.226 mi.)***	***O64***	***166***

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 11/16/2015 has revealed that there are 16 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
220223; 1020 COVE RO Spill Number/Closed Date: 1008988 / 2010-02-15 spillno: 1008988 Site ID: 442462	1020 COVE ROAD	SE 0 - 1/8 (0.002 mi.)	3	11
CON ED	1022 COVE RD	ESE 0 - 1/8 (0.010 mi.)	4	12

Spill Number/Closed Date: 1009649 / 2010-12-10
spillno: 1009649
Site ID: 443210

HOUSE/DR. OFFICE	144 EAST POST ROAD	NNW 0 - 1/8 (0.027 mi.)	D9	26
Spill Number/Closed Date: 0910101 / 2009-12-11 spillno: 0910101 Site ID: 422843				
POLE #W17	940 SYLAN LANE	N 0 - 1/8 (0.034 mi.)	10	27
Spill Number/Closed Date: 0606494 / 2006-09-21 spillno: 0606494 Site ID: 369845				
FAIRWAY GREEN	OLD POST ROAD	NW 0 - 1/8 (0.036 mi.)	11	28
Spill Number/Closed Date: 9103413 / 1991-09-11 spillno: 9103413 Site ID: 125075				
SICULAR - UST	521 ORIENTA AVE	NNE 0 - 1/8 (0.043 mi.)	12	29
Spill Number/Closed Date: 1109936 / Not Reported spillno: 1109936 Site ID: 457727				
POLE # A15	911 FAIRWAY LANE	NE 0 - 1/8 (0.043 mi.)	E13	31
Spill Number/Closed Date: 0606756 / 2006-09-12 spillno: 0606756 Site ID: 370150				
JOYCE - UST	329 COOPER AVE	NNW 0 - 1/8 (0.058 mi.)	D14	32
Spill Number/Closed Date: 1308222 / 2015-02-09 spillno: 1308222 Site ID: 488940				
DICK RESIDENCE	1 ROCKRIDGE ROAD	W 0 - 1/8 (0.061 mi.)	15	33
Spill Number/Closed Date: 9301911 / 1993-05-14 Spill Number/Closed Date: 9302939 / 1994-12-08 spillno: 9301911 spillno: 9302939 Site ID: 283792 Site ID: 283793				
FRED COHEN RESIDENCE	717 ORIENTA AVENUE	ENE 0 - 1/8 (0.071 mi.)	16	35
Spill Number/Closed Date: 0912191 / 2010-06-23 spillno: 0912191 Site ID: 425066				
MIDDLE SCHOOL	130 HOMMOCKS ROAD	W 0 - 1/8 (0.071 mi.)	F18	37
Spill Number/Closed Date: 0612247 / 2007-03-05 spillno: 0612247 Site ID: 377059				
GORDON - UST	628 ORIENTA AVE	NE 0 - 1/8 (0.085 mi.)	E19	38
Spill Number/Closed Date: 1500974 / 2015-09-18 spillno: 1500974 Site ID: 507150				
IN EXCAVATION HOLE	628 ORIENTA AVE	NE 0 - 1/8 (0.085 mi.)	E20	39
Spill Number/Closed Date: 1110422 / 2011-11-23 spillno: 1110422 Site ID: 458257				
MH640 BOSTON POST RD	ROCKRIDGE RD	WNW 0 - 1/8 (0.097 mi.)	H23	42

Spill Number/Closed Date: 0003064 / 2000-06-13
spillno: 0003064
Site ID: 301588

SPILL NUMBER 0203731	601 FAIRWAY GREEN	NW 0 - 1/8 (0.104 mi.)	I25	44

Spill Number/Closed Date: 0203731 / 2002-07-10
Spill Number/Closed Date: 9305882 / 2000-07-11
spillno: 0203731
spillno: 9305882
Site ID: 256764
Site ID: 123992

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAMPSHIRE COUNTRY CL	***HOMMOCKS RD***	***0 - 1/8 (0.000 mi.)***	***A2***	***9***

Spill Number/Closed Date: 9902193 / 1999-08-02
spillno: 9902193
Site ID: 316006

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 06/09/2015 has revealed that there are 5 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GETTY SERVICE STATIO	***946 E POST RD***	***NNW 0 - 1/8 (0.107 mi.)***	***G27***	***47***
MAMARONECK UNION FRE	***1000 W BOSTON POST R***	***NNW 1/8 - 1/4 (0.158 mi.)***	***M48***	***130***
CON EDISON POLE 31	***1185 GREACEN POINT R***	***SE 1/8 - 1/4 (0.158 mi.)***	***49***	***132***
NICHOLS YACHT YARDS	***500 RUSHMORE AVE***	***NNE 1/8 - 1/4 (0.226 mi.)***	***O64***	***166***
MAMARONECK TOWN OF F	***205 WEAVER ST***	***NNW 1/8 - 1/4 (0.246 mi.)***	***65***	***176***

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 10/16/2015 has revealed that there are 2 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EXCELSIOR CLEANERS	***1320 BOSTON POST RD.***	***W 0 - 1/8 (0.118 mi.)***	***H29***	***53***
Facility Id: 3-5532-00264				
CARRIAGE CLEANERS	1204 WEST BOSTON POS	NW 1/8 - 1/4 (0.149 mi.)	I41	105
Facility Id: 3-5532-00291				

EXECUTIVE SUMMARY

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 11/02/2015 has revealed that there are 10 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOMMOCKS MIDDLE SCHO EPA ID: NYR000098277	***180 HOMMOCKS RD***	***W 0 - 1/8 (0.013 mi.)***	***C8***	***17***
GETTY SERVICE STATIO EPA ID: NYD986941409	***946 E POST RD***	***NNW 0 - 1/8 (0.107 mi.)***	***G27***	***47***
EXCELSIOR CLEANERS EPA ID: NYD986987337	***1320 BOSTON POST RD.***	***W 0 - 1/8 (0.118 mi.)***	***H29***	***53***
CVS PHARMACY #1949 EPA ID: NYR000194555	***1310 BOSTON POST RD***	***WNW 0 - 1/8 (0.118 mi.)***	***H31***	***77***
PETCO STORE #3719 EPA ID: NYR000202515	1275 BOSTON POST RD	WNW 1/8 - 1/4 (0.132 mi.)	K34	94
CON EDISON POLE P8 EPA ID: NYP004182440	***1053 W BOSTON POST R***	***NW 1/8 - 1/4 (0.148 mi.)***	***M39***	***102***
CARRIAGE DRY CLEANER EPA ID: NYD982723058	***1204 W BOSTON POST R***	***NW 1/8 - 1/4 (0.149 mi.)***	***I42***	***105***
MAMARONECK UNION FRE EPA ID: NYR000012203	***1000 W BOSTON POST R***	***NNW 1/8 - 1/4 (0.158 mi.)***	***M48***	***130***
CON EDISON POLE 31 EPA ID: NYP004143939	***1185 GREACEN POINT R***	***SE 1/8 - 1/4 (0.158 mi.)***	***49***	***132***
NICHOLS YACHT YARDS EPA ID: NYD986963841	***500 RUSHMORE AVE***	***NNE 1/8 - 1/4 (0.226 mi.)***	***O64***	***166***

RI MANIFEST: Hazardous waste manifest information

A review of the RI MANIFEST list, as provided by EDR, and dated 11/02/2015 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
EXCELSIOR CLEANERS EPA ID: NYD986987337	***1320 BOSTON POST RD.***	***W 0 - 1/8 (0.118 mi.)***	***H29***	***53***

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 11/02/2015 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOMMOCKS MIDDLE SCHO Generator EPA Id: NYR000098277	180 HAMMOCKS ROAD	W 0 - 1/8 (0.013 mi.)	C7	16

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: 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.

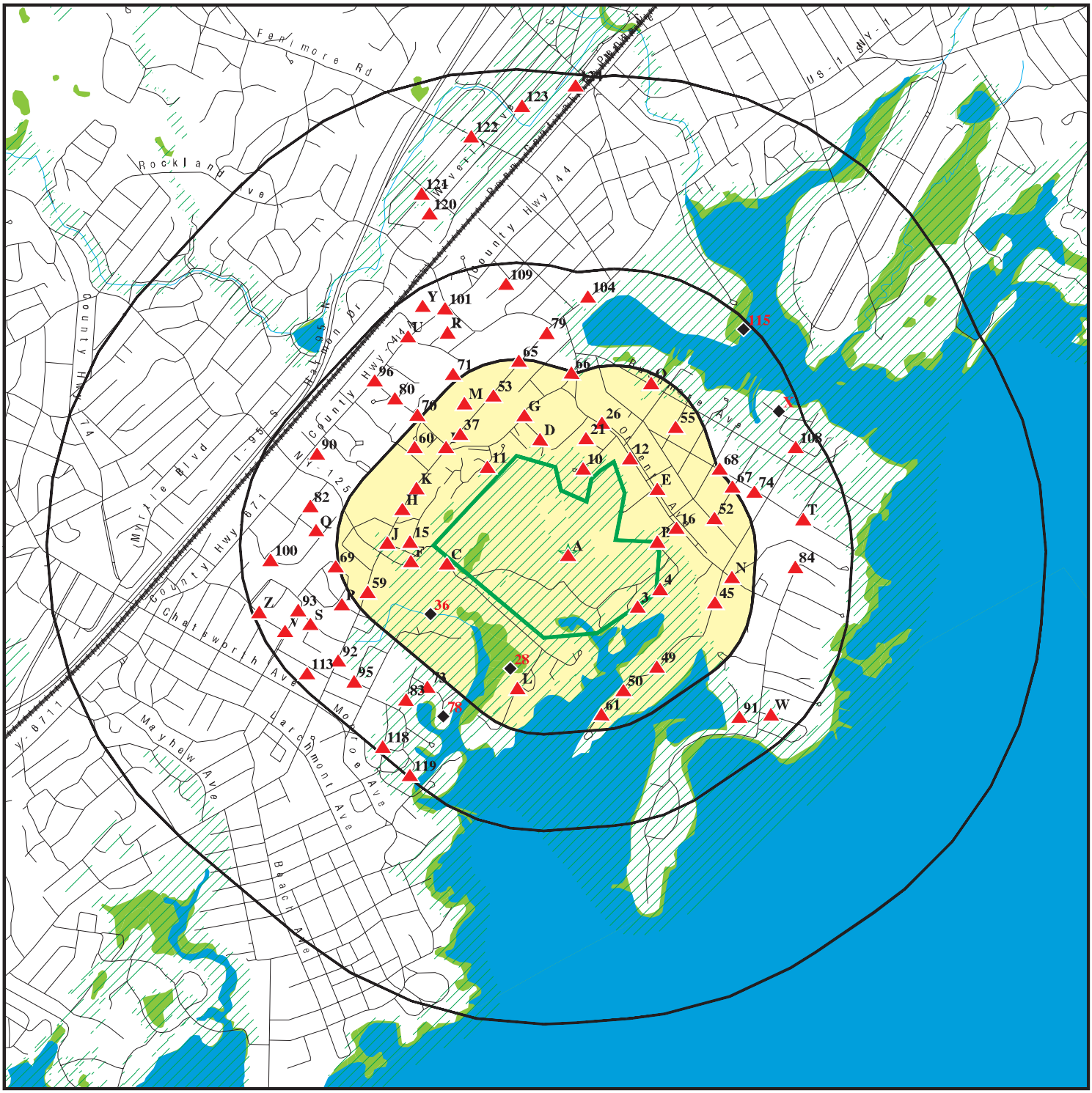
A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	410 TONI LN	N 0 - 1/8 (0.090 mi.)	21	40
Not reported	1320 BOSTON POST RD	W 0 - 1/8 (0.118 mi.)	H30	76

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 4546842.2S



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

0 1/4 1/2 1 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

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:	1025 Cove Road	CLIENT:	GZA GeoEnvironmental of NY
ADDRESS:	1025 Cove Road Mamaroneck NY 10543	CONTACT:	RAHUL BHATIA
		INQUIRY #:	4546842.2s
LAT/LONG:	40.935156 / 73.738422	DATE:	February 24, 2016 12:20 pm

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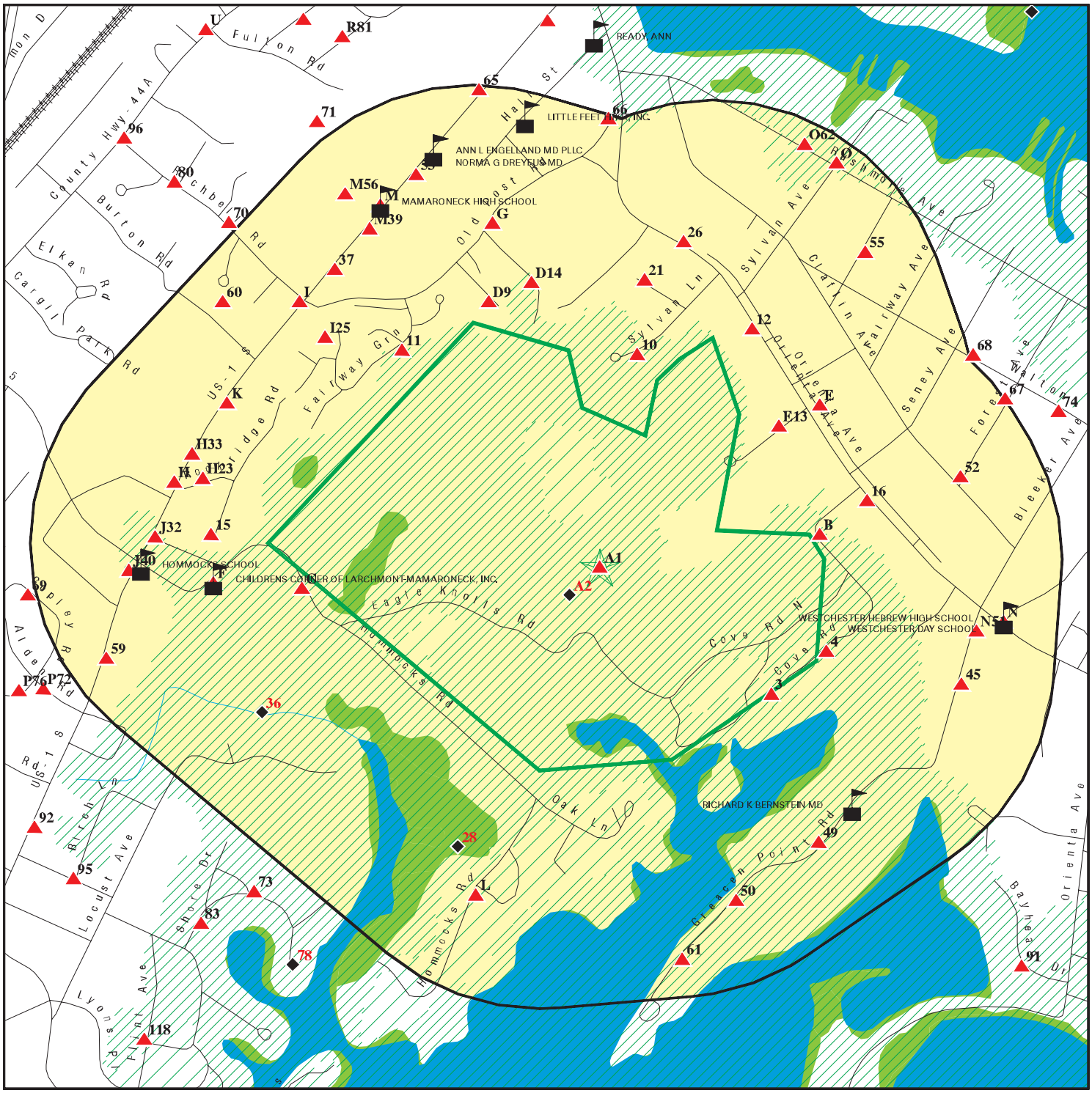
DETAIL MAP - 4546842.2S



- 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
- Indian Reservations BIA
- 100-year flood zone
- 500-year flood zone
- 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: 1025 Cove Road ADDRESS: 1025 Cove Road Mamaroneck NY 10543 LAT/LONG: 40.935156 / 73.738422	CLIENT: GZA GeoEnvironmental of NY CONTACT: RAHUL BHATIA INQUIRY #: 4546842.2s DATE: February 24, 2016 12:22 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	TP		NR	NR	NR	NR	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
CERCLIS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERCLIS-NFRAP	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	0	NR	NR	NR	1
RCRA-SQG	0.250		1	0	NR	NR	NR	1
RCRA-CESQG	0.250		1	3	NR	NR	NR	4
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		0	0	0	5	NR	5
NY VAPOR REOPENED	1.000		0	0	0	2	NR	2
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		2	0	0	NR	NR	2
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500		7	15	53	NR	NR	75
NY HIST LTANKS	0.500		0	0	0	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
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250		0	8	NR	NR	NR	8
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY CBS	0.250		0	1	NR	NR	NR	1
NY MOSF	0.500		0	0	0	NR	NR	0
NY AST	0.250	1	1	3	NR	NR	NR	5
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	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	0	0	NR	NR	0
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		0	0	0	NR	NR	0
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 SWRCY	0.500		0	0	0	NR	NR	0
NY SWTIRE	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
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
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		16	NR	NR	NR	NR	16
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		1	4	NR	NR	NR	5
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
FINDS	TP		NR	NR	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		1	1	NR	NR	NR	2
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY MANIFEST	0.250		4	6	NR	NR	NR	10
NJ MANIFEST	0.250		0	0	NR	NR	NR	0
RI MANIFEST	0.250		1	0	NR	NR	NR	1

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
PA MANIFEST	0.250		1	0	NR	NR	NR	1
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ECHO	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		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		2	NR	NR	NR	NR	2
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	39	41	53	7	0	141

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target
Property

HAMPSHIRE COUNTRY CLUB
1025 COVE ROAD
MAMARONECK, NY 10543

NY AST **A100386163**
N/A

Site 1 of 2 in cluster A

Actual:
7 ft.

WESTCHESTER CO. AST:

PBS Number:	3-801927
Site Status:	Active
GDS Number:	TBD
Operator Name:	Scott Olson
Owner Name:	Orienta Operating LLC
Owner Street:	1025 Cove Road
Owner Address2:	Not reported
Owner City/State/Zip:	Mamaroneck, NY 10543
Tank Number:	1
Status:	1. In-Service
Date Installation:	02/01/1998
Capacity:	1000
Product Stored:	8. Gasoline/Ethanol
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:	7. Jacketed (tank)
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	9. Modified double-walled (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	1. Painted/Asphalt Coating
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction
Tank Number:	2
Status:	1. In-Service
Date Installation:	03/01/1998
Capacity:	500
Product Stored:	6. 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:	0. None
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	1. Painted/Asphalt Coating
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	0. None
Spill Prevention:	1. Catch Basin

HAMPSHIRE COUNTRY CLUB (Continued) **A100386163**

Dispenser:	2. Suction
Tank Number:	3
Status:	1. In-Service
Date Installation:	02/01/1998
Capacity:	275
Product Stored:	1. No. 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:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	9. Copper
Piping External Protection:	1. Painted/Asphalt Coating
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	0. None
Dispenser:	2. Suction

A2 **HAMPSHIRE COUNTRY CLUB** **NY LTANKS S103941351**
HOMMOCKS RD **NY Spills N/A**
< 1/8 **MAMARONECK, NY**
1 ft.

Site 2 of 2 in cluster A

Relative: **Lower**

Actual: **6 ft.**

LTANKS:

Site ID:	316007
Spill Number/Closed Date:	9902831 / 1999-08-02
Spill Date:	1999-06-11
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-06-11
CID:	387
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-06-11
Spill Record Last Update:	1999-08-10
Spiller Name:	KENNETH GENTILE
Spiller Company:	HAMPSHIRE COUNTRY CLUB
Spiller Address:	HOMMOCKS RD
Spiller City,St,Zip:	MAMARONECK, NY 10543-

HAMPSHIRE COUNTRY CLUB (Continued) **S103941351**

Spiller County:	001
Spiller Contact:	KENNETH GENTILE
Spiller Phone:	(914) 698-6131
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	254756
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 6/11/99 550 GALLON. NO PBS NUMBER BUT SHOULD BE REGISTERED. SPILL #99-02193 SECOND GASOLINE TANK ON SAME SITE ALSO CALLED IN BY NES. 8/02/99 NES PULLED TANK AND CONTAMINATED SOIL. NFA"
Remarks:	"DISCOVERED WHOLES IN TANK-REMOVING TANK AND SOIL-IN PROCESS OF BEING CLEANED UP"

Material:

Site ID:	316007
Operable Unit ID:	1077437
Operable Unit:	01
Material ID:	302760
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

SPILLS:

Facility ID:	9902193
Facility Type:	ER
DER Facility ID:	254756
Site ID:	316006
DEC Region:	3
Spill Date:	1999-05-26
Spill Number/Closed Date:	9902193 / 1999-08-02
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-05-26
CID:	384
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
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

HAMPSHIRE COUNTRY CLUB (Continued) **S103941351**

Date Entered In Computer:	1999-05-26
Spill Record Last Update:	1999-08-10
Spiller Name:	KENNETH GENTILE
Spiller Company:	HAMPSHIRE COUNTRY CLUB
Spiller Address:	HOMMOCKS RD
Spiller City,St,Zip:	MAMARONECK, NY 10543-
Spiller Company:	001
Contact Name:	KENNETH GENTILE
Contact Phone:	(914) 698-6131
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 8/2/99 NES PULLED TANK AND CONTAMINATED SOIL. NFA"
Remarks:	"CALLER STATES HOLES WERE FOUND IN PIPELINE. CLEAN UP IS IN PROCESS."

Material:

Site ID:	316006
Operable Unit ID:	1081111
Operable Unit:	01
Material ID:	553139
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

---

3 **220223; 1020 COVE ROAD** **NY Spills** **S110750420**
SE **1020 COVE ROAD** **N/A**
< 1/8 **WESTCHESTER, NY**
0.002 mi.
9 ft.

Relative:
Higher

Actual:
14 ft.

SPILLS:

Facility ID:	1008988
Facility Type:	ER
DER Facility ID:	397442
Site ID:	442462
DEC Region:	3
Spill Date:	2010-02-14
Spill Number/Closed Date:	1008988 / 2010-02-15
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6000
Investigator:	DMPOKRZY
Referred To:	Not reported
Reported to Dept:	2010-06-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported

220223; 1020 COVE ROAD (Continued) **S110750420**

Cleanup Meets Std:	Not reported
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2010-11-24
Spill Record Last Update:	2010-11-24
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON
Spiller Address:	5030 BROADWAY
Spiller City,St,Zip:	New York, NY
Spiller Company:	001
Contact Name:	ERT DESK
Contact Phone:	(212) 580-8383
DEC Memo:	""
Remarks:	"Street Address = F/O 1020 Cove Road Spill Volume = 2 Unit of Measure = Gallons Substance Name = Unknown Oil Cause Reason = Unknown Status Reason = Agency Approval Not Required"

Material:

Site ID:	442462
Operable Unit ID:	1192964
Operable Unit:	01
Material ID:	2188376
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

---

4 **CON ED** **NY Spills** **S110750945**
ESE **1022 COVE RD** **N/A**
< 1/8 **MAMARONECK, NY**
0.010 mi.
52 ft.

Relative:
Higher

Actual:
14 ft.

SPILLS:

Facility ID:	1009649
Facility Type:	ER
DER Facility ID:	398160
Site ID:	443210
DEC Region:	3
Spill Date:	2010-12-10
Spill Number/Closed Date:	1009649 / 2010-12-10
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2010-12-10

CON ED (Continued) **S110750945**

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:	2010-12-10
Spill Record Last Update:	2010-12-10
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	ERT
Contact Phone:	212 580 8383
DEC Memo:	"12/10/10: Spill contained to pavement. Clean up has been completed, no DEC response required. jod"
Remarks:	"Caller advised 2 gallons of transformer fluid spilled onto soil.Clean up is pending. Caller called back and advised spill is on concrete not soil."

Material:

Site ID:	443210
Operable Unit ID:	1193682
Operable Unit:	01
Material ID:	2189145
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

B5 **DR CHESS** **NY LTANKS** **S103824050**
East **722 COVE RD** **N/A**
< 1/8 **MAMARONECK, NY**
0.010 mi.
52 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
11 ft.

LTANKS:

Site ID:	305989
Spill Number/Closed Date:	9813224 / 2005-02-26
Spill Date:	1999-01-28
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False

DR CHESS (Continued) **S103824050**

SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	1999-01-28
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-01-28
Spill Record Last Update:	2005-02-26
Spiller Name:	NICK BARNABA
Spiller Company:	DR CHESS
Spiller Address:	722 COVE RD
Spiller City,St,Zip:	MAMARONECK, NY
Spiller County:	001
Spiller Contact:	NICK BARNABA
Spiller Phone:	(914) 741-5472
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	247160
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was 4/02/99 SEE SPILL NUMBER 98-13224. NES PULLED TANK AND 142.2 TONS CONTAMINATED SOIL. NFA "
Remarks:	"CALLER DOING TANK REMOVAL AND FOUND SOIL CONTAMINATION"

Material:

Site ID:	305989
Operable Unit ID:	1073669
Operable Unit:	01
Material ID:	309951
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

B6 **RESIDENCE** **NY LTANKS** **S103478396**
East **722 COVE RD EAST** **N/A**
< 1/8 **MAMARONECK, NY**
0.010 mi.
52 ft. **Site 2 of 2 in cluster B**

Relative:
Higher

Actual:
11 ft.

LTANKS:

Site ID:	208086
Spill Number/Closed Date:	9808486 / 1999-04-02
Spill Date:	1998-10-08
Spill Cause:	Tank Test Failure

RESIDENCE (Continued) **S103478396**

Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1998-10-08
CID:	233
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-10-08
Spill Record Last Update:	2005-02-26
Spiller Name:	MARTY MORGAN
Spiller Company:	RESIDENCE
Spiller Address:	722 COVE RD EAST
Spiller City,St,Zip:	MAMARONECK, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	172653
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 4/02/99 SEE SPILL NUMBER 98-13224. NES PULLED TANK AND 142.2 TONS CONTAMINATED SOIL. NFA"
Remarks:	"u/g tank house is up for sale all partys will be advised broker for house is ann stewart 914-834-0270 "

Material:

Site ID:	208086
Operable Unit ID:	1065885
Operable Unit:	01
Material ID:	315992
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	208086
Spill Tank Test:	1546362
Tank Number:	1
Tank Size:	1000
Test Method:	03
Leak Rate:	.00

RESIDENCE (Continued) **S103478396**

Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

C7 **HOMMOCKS MIDDLE SCHOOL** **PA MANIFEST** **S109245986**
West **180 HAMMOCKS ROAD** **N/A**
< 1/8 **LARCHMONT, NY**
0.013 mi.
69 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
7 ft.

Manifest Details:

Year:	2007
Manifest Number:	000345335JJK
Manifest Type:	Not reported
Generator EPA Id:	NYR000098277
Generator Date:	03/01/2007
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	GEORGE MCNALLY
Contact Phone:	914-698-9000
TSD EPA Id:	PAD987367216
TSD Date:	Not reported
TSD Facility Name:	AERC COM INC ADVANCED ENVIRONMENTAL RECYCLING
TSD Facility Address:	2591 MITCHELL AVENUE
TSD Facility City:	ALLENTOWN
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	2
Waste Number:	D009
Container Number:	5
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	200
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

Year:	2007
Manifest Number:	000345335JJK
Manifest Type:	Not reported
Generator EPA Id:	NYR000098277
Generator Date:	03/01/2007
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	GEORGE MCNALLY
Contact Phone:	914-698-9000
TSD EPA Id:	PAD987367216
TSD Date:	Not reported
TSD Facility Name:	AERC COM INC ADVANCED ENVIRONMENTAL RECYCLING
TSD Facility Address:	2591 MITCHELL AVENUE
TSD Facility City:	ALLENTOWN
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1

HOMMOCKS MIDDLE SCHOOL (Continued) **S109245986**

Waste Number:	D009
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	30
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

C8 **HOMMOCKS MIDDLE SCHOOL** **RCRA-CESQG 1004762569**
West **180 HOMMOCKS RD** **FINDS NYR000098277**
< 1/8 **LARCHMONT, NY 10538** **NY MANIFEST**
0.013 mi. **ECHO**
69 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
7 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	HOMMOCKS MIDDLE SCHOOL
Facility address:	180 HOMMOCKS RD LARCHMONT, NY 10538
EPA ID:	NYR000098277
Mailing address:	HOMMOCKS RD LARCHMONT, NY 10538
Contact:	GEORGE MCNALLY
Contact address:	HOMMOCKS RD LARCHMONT, NY 10538
Contact country:	US
Contact telephone:	(914) 698-9000
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:	MAMORONECK SCHOOLS
Owner/operator address:	1000 W BOSTON POST RD MAMORONECK, NY 10543
Owner/operator country:	US
Owner/operator telephone:	(914) 698-9000
Legal status:	District
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported

HOMMOCKS MIDDLE SCHOOL (Continued) **1004762569**

Owner/operator name: MAMORONECK SCHOOLS
Owner/operator address: 1000 W BOSTON POST RD
MAMORONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: (914) 698-9000
Legal status: District
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: HOMMOCKS MIDDLE SCHOOL
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/25/2001
Site name: HOMMOCKS MIDDLE SCHOOL
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110006539683

HOMMOCKS MIDDLE SCHOOL (Continued) **1004762569**

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.

NY MANIFEST:

EPA ID:	NYR000098277
Country:	USA
Location Address 1:	180 HOMMOCKS RD
Location Address 2:	Not reported
Location City:	LARCHMONT
Location State:	NY
Location Zip Code:	10538
Location Zip Code 4:	Not reported

Mailing Info:

Name:	HOMMOCKS MIDDLE SCHOOL
Contact:	N/S
Address:	180 HOMMOCKS RD
City/State/Zip:	LARCHMONT, NY 10538
Country:	USA
Phone:	914-698-9000

Manifest:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD986908085
Trans2 State ID:	Not reported
Generator Ship Date:	03/01/2007
Trans1 Recv Date:	03/01/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/08/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000098277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	PAD987367216
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	5
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000345335JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N

HOMMOCKS MIDDLE SCHOOL (Continued) **1004762569**

Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H010

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD986908085
Trans2 State ID:	Not reported
Generator Ship Date:	03/01/2007
Trans1 Recv Date:	03/01/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/08/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000098277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	PAD987367216
Waste Code:	Not reported
Quantity:	30
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000345335JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H010

Document ID:	NYG3030975
Manifest Status:	Not reported
Trans1 State ID:	68235AKNY
Trans2 State ID:	Not reported
Generator Ship Date:	07/11/2001
Trans1 Recv Date:	07/11/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/16/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000098277
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported

HOMMOCKS MIDDLE SCHOOL (Continued) **1004762569**

TSDF ID:	NYD077444263
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00004
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
Waste Code:	D011 - SILVER 5.0 MG/L TCLP
Quantity:	00040
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:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
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
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00800
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2001

Document ID:	NYG3030984
Manifest Status:	Not reported
Trans1 State ID:	68235AKNY
Trans2 State ID:	Not reported
Generator Ship Date:	07/11/2001
Trans1 Recv Date:	07/11/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/16/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000098277
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001

HOMMOCKS MIDDLE SCHOOL (Continued) **1004762569**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2001

Document ID:	NYG3030966
Manifest Status:	Not reported
Trans1 State ID:	68235AKNY
Trans2 State ID:	Not reported
Generator Ship Date:	07/11/2001
Trans1 Recv Date:	07/11/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/16/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000098277
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	D005 - BARIUM 100.0 MG/L TCLP
Quantity:	00040
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
Year:	2001

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	03/25/2010
Trans1 Recv Date:	03/25/2010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/31/2010
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000098277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	Not reported
Quantity:	20.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	005228033JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

HOMMOCKS MIDDLE SCHOOL (Continued) **1004762569**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	03/25/2010
Trans1 Recv Date:	03/25/2010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/31/2010
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000098277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	Not reported
Quantity:	750.0
Units:	P - Pounds
Number of Containers:	3.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2010
Manifest Tracking Num:	005228033JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	MIA9654049
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	PAD987358587
Generator Ship Date:	10/19/2005
Trans1 Recv Date:	10/19/2005
Trans2 Recv Date:	10/21/2005
TSD Site Recv Date:	10/24/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000098277
Trans1 EPA ID:	NY68492JR

HOMMOCKS MIDDLE SCHOOL (Continued) **1004762569**

Trans2 EPA ID:	XZ45096PA
TSDF ID:	MID980991566
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00700
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2005

ECHO:

Envid:	1004762569
Registry ID:	110006539683
FIPS Code:	36119
EPA Region:	02
Indian Country Flag:	N
Federal Flag:	Not reported
US Mexico Border Flag:	Not reported
Chesapeake Bay Flag:	Not reported
NAA Flag:	Y
Latitude:	40.932872
Longitude:	-73.741535
Map Icon:	RCRA-IC-MN-N.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters:	50
Derived Tribes:	Not reported
Derived Huc:	02030102
Derived WBD:	020301020203
Derived STCT FPS:	36119
Derived Zip:	10538
Derived CD113:	16
Derived CB2010:	361190069004012
Percent Minority:	Not reported
Pop Den:	Not reported
Major Flag:	Not reported
Active Flag:	Y
MYRTK Universe:	NNN
Inspection Count:	0
Date Last Inspection:	Not reported
Days Last Inspection:	Not reported
Informal Count:	0
Date Last Informal Action:	Not reported
Formal Action Count:	0
Date Last Formal Action:	Not reported
Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	No Violation
Curr SNC Flag:	N
3yr Compliance Status:	_____
AFS Flag:	N
NPDES Flag:	N

HOMMOCKS MIDDLE SCHOOL (Continued) **1004762569**

SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not reported
CAA Permit Types:	Not reported
CAA NAICS:	Not reported
CAA SICS:	Not reported
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	Not reported
CAA Curr Compliance Status:	Not reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not reported
NPDES IDS:	Not reported
CWA Permit Types:	Not reported
CWA Compliance Tracking:	Not reported
CWA NAICS:	Not reported
CWA SICS:	Not reported
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	Not reported
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported
CWA Last Penality Amount:	Not reported
CWA Qtrs in NC:	Not reported
CWA Curr Compliance Status:	Not reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not reported
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	NYR000098277
RCRA Permit Types:	CESQG
RCRA NAICS:	Not reported
RCRA Inspection Count:	Not reported
RCRA Days Last Evaluation:	Not reported
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported
RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported

HOMMOCKS MIDDLE SCHOOL (Continued) **1004762569**

SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported
TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110006539683
Facility SIC Codes:	Not reported
Facility NAICS Codes:	Not reported
Facility Date Last Inspection EPA:	Not reported
Facility Date Last Inspection State:	Not reported
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	Not reported
Facility Date Last Informal ACT ST:	Not reported
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

D9 **HOUSE/DR. OFFICE** **NY Spills** **S110138845**
NNW **144 EAST POST ROAD** **N/A**
< 1/8 **MAMARONECK, NY**
0.027 mi.
140 ft. **Site 1 of 2 in cluster D**

Relative:
Higher

Actual:
29 ft.

SPILLS:

Facility ID:	0910101
Facility Type:	ER
DER Facility ID:	371767
Site ID:	422843
DEC Region:	3
Spill Date:	2009-12-11
Spill Number/Closed Date:	0910101 / 2009-12-11
Spill Cause:	Equipment Failure
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	JPCUMMIN
Referred To:	Not reported
Reported to Dept:	2009-12-11
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

HOUSE/DR. OFFICE (Continued) **S110138845**

Remediation Phase:	0
Date Entered In Computer:	2009-12-11
Spill Record Last Update:	2009-12-11
Spiller Name:	FRANK LANZILLI
Spiller Company:	KEVIN MALONEY
Spiller Address:	144 EAST POST ROAD
Spiller City,St,Zip:	MAMARONECK, NY
Spiller Company:	999
Contact Name:	FRANK LANZILLI
Contact Phone:	(914) 769-5050 3519
DEC Memo:	"12-11-09 Cleaned up. jc"
Remarks:	"SMALL HOLE DISCOVERED IN FILTER BOTTLE, SPILLED ONTO CONCRETE FLOOR, ALL RECOVERER, CLEANUP COMPLETE."

Material:

Site ID:	422843
Operable Unit ID:	1178667
Operable Unit:	01
Material ID:	2172163
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.50
Units:	Gallons
Recovered:	.50
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

10
North
< 1/8
0.034 mi.
182 ft.

Relative:
Higher

Actual:
9 ft.

POLE #W17 **NY Spills** **S108130655**
940 SYLAN LANE **N/A**
MAMARONECK, NY

SPILLS:

Facility ID:	0606494
Facility Type:	ER
DER Facility ID:	319709
Site ID:	369845
DEC Region:	3
Spill Date:	2006-09-06
Spill Number/Closed Date:	0606494 / 2006-09-21
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-09-06
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported

POLE #W17 (Continued) **S108130655**

Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-09-06
Spill Record Last Update:	2006-09-21
Spiller Name:	CONED
Spiller Company:	POLE #W17
Spiller Address:	940 SYLAN LANE
Spiller City,St,Zip:	MAMARONECK, NY
Spiller Company:	001
Contact Name:	CONED
Contact Phone:	(212) 580-8383
DEC Memo:	""
Remarks:	"one pint; refference #202311"

Material:

Site ID:	369845
Operable Unit ID:	1127677
Operable Unit:	01
Material ID:	2117278
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

11
NW
< 1/8
0.036 mi.
188 ft.

FAIRWAY GREEN
OLD POST ROAD
MAMARONECK, NY

NY Spills **S102103233**
N/A

Relative:
Higher

Actual:
8 ft.

SPILLS:

Facility ID:	9103413
Facility Type:	ER
DER Facility ID:	108227
Site ID:	125075
DEC Region:	3
Spill Date:	1991-06-25
Spill Number/Closed Date:	9103413 / 1991-09-11
Spill Cause:	Deliberate
Spill Class:	Not reported
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1991-06-27
CID:	Not reported
Water Affected:	POND
Spill Source:	Commercial/Industrial

FAIRWAY GREEN (Continued) **S102103233**

Spill Notifier:	Citizen
Cleanup Ceased:	1953-06-18
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1991-06-28
Spill Record Last Update:	1992-02-12
Spiller Name:	Not reported
Spiller Company:	POSS. ELKO GARAGE
Spiller Address:	BOSTON POST ROAD
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 09/11/91: THERE WAS NO CONNECTION BETWEEN THE PRESSURE WASH COMPANY AND THE PROBLEM IN THE POND. THE PROBLEM WAS CAUSED BY AN ALGAE BLOOM. 09/27/95: This is additional information about material spilled from the translation of the old spill file: OIL DISCHARGE IN PND"
Remarks:	"STORM DRAINS ON OLD POST ROAD FEED INTO POND IN COMPLEX ELKO GARAGE POSSIBLE DUMPING IN STORM DRAIN GARAGE BACKS ON OLD POST ROAD WCHD NOTIFIED"

Material:

Tank Test:

12
NNE
< 1/8
0.043 mi.
225 ft.

Relative:
Higher

Actual:
28 ft.

SICULAR - UST **NY Spills** **S111318790**
521 ORIENTA AVE **N/A**
MAMARONECK, NY

SPILLS:

Facility ID:	1109936
Facility Type:	ER
DER Facility ID:	412206
Site ID:	457727
DEC Region:	3
Spill Date:	2011-11-08
Spill Number/Closed Date:	1109936 / Not Reported
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2011-11-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

SICULAR - UST (Continued) **S111318790**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	5
Date Entered In Computer:	2011-11-08
Spill Record Last Update:	2015-10-14
Spiller Name:	MRS SICULAR
Spiller Company:	Sicular
Spiller Address:	521 ORIENTAL AVE
Spiller City,St,Zip:	MAMARONECK, NY
Spiller Company:	999
Contact Name:	MRS SICULAR
Contact Phone:	(845) 332-9428
DEC Memo:	"11/8/11 Job on hold until insurance company is notified...mm 1/17/12: Call from Stephanie at Tank Masters. She states the UST was inside of a foundation for an addition on the house. They have hand dug contaminated soil from within this area and are now down to approx 10 and a half feet below grade. They are at the base of the foundation and cannot dig further without undermining. PID readings at the base of excavation still approx 250 ppm. No ground water impact at this time. They will dig out what they can safely, take exit sample and then install a vapor barrier upon backfill. Closure report will follow. jod 11/21/13: Call from Robert Hughes, Village of Mamaroneck Bldg Dept. Owner is now selling the property and trying to close out the permit. Message sent to Tank Masters requesting the closure report. jod 9/22/15: Message sent to Tank Masters requesting a closure report. jod 9/23/15: Response from Brian at Tank Masters: I remember this project. CHUBB was the carrier. I'm not sure if you were sent a closure report because we are unable to find anything in our micro files. We have the physical folder with most of the paperwork needed to put something together for you. The problem with this is a falling out with Stephanie Munson. She left Tank Masters with no notice. She had several files with her and at the time I was un aware of which closures were completed and sent. I will have Craig get right on this and will put together as much as he can. If there is a shorter version we could supply for you which could get closure, please let us know. jod 10/05/15: Tank Masters was able to supply the disposal receipt for 16.5 tons of petroleum contaminated soil, as well as post excavation soil samples from the base and four walls of the excavation. Documents have been entered into DecDocs. Soil sample results show that contamination well over CP-51 Guidance was still present. Brian Monahan reports that the owner's son removed them from the job before the remediation was completed, and they were never paid for work performed. Site is inactive. jod"
Remarks:	"cleanup pending -"

Material:

Site ID:	457727
Operable Unit ID:	1207849
Operable Unit:	01
Material ID:	2205160
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported

SICULAR - UST (Continued) **S111318790**

Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

E13 **POLE # A15** **NY Spills** **S108130849**
NE **911 FAIRWAY LANE** **N/A**
< 1/8 **MAMARONECK, NY**
0.043 mi.
228 ft. **Site 1 of 3 in cluster E**

Relative:
Higher

Actual:
20 ft.

SPILLS:

Facility ID:	0606756
Facility Type:	ER
DER Facility ID:	320000
Site ID:	370150
DEC Region:	3
Spill Date:	2006-09-12
Spill Number/Closed Date:	0606756 / 2006-09-12
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-09-12
CID:	444
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:	2006-09-12
Spill Record Last Update:	2006-09-22
Spiller Name:	ERTS
Spiller Company:	POLE # A15
Spiller Address:	911 FAIRWAY LANE
Spiller City,St,Zip:	MANAMAK, NY
Spiller Company:	001
Contact Name:	ERTS
Contact Phone:	(212) 580-8383
DEC Memo:	""
Remarks:	"coming from aa overhead transformer: clean up pending: crew enroute did go on private driveway:coned#202435"

Material:

Site ID:	370150
Operable Unit ID:	1127975
Operable Unit:	01
Material ID:	2117583
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported

POLE # A15 (Continued) **S108130849**

Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

D14 **JOYCE - UST** **NY Spills** **S114561546**
NNW **329 COOPER AVE** **N/A**
< 1/8 **MAMARONECK, NY**
0.058 mi.
308 ft. **Site 2 of 2 in cluster D**

Relative:
Higher

Actual:
12 ft.

SPILLS:

Facility ID:	1308222
Facility Type:	ER
DER Facility ID:	444003
Site ID:	488940
DEC Region:	3
Spill Date:	2013-11-12
Spill Number/Closed Date:	1308222 / 2015-02-09
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2013-11-12
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
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:	2013-11-12
Spill Record Last Update:	2015-02-09
Spiller Name:	Not reported
Spiller Company:	JOYCE
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	JENAEN
Contact Phone:	(914) 741-5472
DEC Memo:	"11/13/13: NES will update DEC once the property owner is back from out of State sometime next week. jod 2/9/15: Tank Closure report from NES entered into DecDocs. Based upon the information provided, no further action is required at this time. jod"
Remarks:	"Company was removing tank and discovered holes in the tank. Cleanup pending. Spiller contact will not be back in town until 11/13 or 11/14/13. 550 gallon tank - soil and groundwater impacted."

JOYCE - UST (Continued) **S114561546**

Material:
Site ID: 488940
Operable Unit ID: 1238547
Operable Unit: 01
Material ID: 2238469
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

15
West
< 1/8
0.061 mi.
321 ft.

Relative:
Higher

Actual:
36 ft.

DICK RESIDENCE **NY Spills** **S102108548**
1 ROCKRIDGE ROAD **N/A**
LARCHMONT, NY

SPILLS:
Facility ID: 9301911
Facility Type: ER
DER Facility ID: 230179
Site ID: 283792
DEC Region: 3
Spill Date: 1993-05-08
Spill Number/Closed Date: 9301911 / 1993-05-14
Spill Cause: Equipment Failure
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 6000
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1993-05-11
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: 1993-05-14
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1993-05-14
Spill Record Last Update: 1994-12-08
Spiller Name: Not reported
Spiller Company: Robison Oil
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999

DICK RESIDENCE (Continued) **S102108548**

Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"PLUGGED VENT CONTAINED ON PAVEMENT CLEANED UP WITH SORBENTS"

Material:

Site ID:	283792
Operable Unit ID:	983935
Operable Unit:	01
Material ID:	399064
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	9302939
Facility Type:	ER
DER Facility ID:	230179
Site ID:	283793
DEC Region:	3
Spill Date:	1993-05-02
Spill Number/Closed Date:	9302939 / 1994-12-08
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6000
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1993-06-04
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	1994-12-08
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-06-09
Spill Record Last Update:	1994-12-08
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported

DICK RESIDENCE (Continued) **S102108548**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 12/08/94: VICKIE ZILZ FROM WCHD HANDLED CASE - 6/14/93. "

Remarks: "LEAKY TANK SUSPECTED WAITING FOR CALL BACK ROBINSON OIL TO REPLACE TANK WITH 275 AG TANK FAXED TO TODD GHIOSAY PUBLIC WATER NO WELL"

Material:

Site ID:	283793
Operable Unit ID:	984944
Operable Unit:	01
Material ID:	400047
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

16
ENE
< 1/8
0.071 mi.
373 ft.

Relative:
Higher

Actual:
21 ft.

FRED COHEN RESIDENCE **NY Spills** **S110140422**
717 ORIENTA AVENUE **N/A**
MAMARONECK, NY

SPILLS:

Facility ID:	0912191
Facility Type:	ER
DER Facility ID:	373976
Site ID:	425066
DEC Region:	3
Spill Date:	2010-02-22
Spill Number/Closed Date:	0912191 / 2010-06-23
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2010-02-22
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
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:	2010-02-22
Spill Record Last Update:	2010-06-23
Spiller Name:	FRED COHEN
Spiller Company:	FRED COHEN

FRED COHEN RESIDENCE (Continued) **S110140422**

Spiller Address:	717 ORIENTA
Spiller City,St,Zip:	MAMARONECK, NY
Spiller Company:	999
Contact Name:	FRED COHEN
Contact Phone:	(914) 473-4442
DEC Memo:	"2/22/10 waiting on call back from owner, insurance company being contacted...mm 06/09/10 Homeowner called to inquire the closue status. - Case is still open. - Advised him to call Dorson to see where and when the closure report was submitted. TG 6/23/10: Spill closure report from Dorson Environmental reviewed by DEC. Report will be entered into eDocs. Based upon the information provided, no further action is required at this time. jod"
Remarks:	"SOIL CONTAMINATION FOUND DURING TANK REMOVAL.CLEAN UP PENDING"

Material:

Site ID:	425066
Operable Unit ID:	1180799
Operable Unit:	01
Material ID:	2174792
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

F17 **HOMMOCKS LEAF PEN** **NY SWF/LF** **S111274251**
West **130 HOMMOCKS ROAD** **N/A**
< 1/8 **MAMARONECK, NY 10538**
0.071 mi.
373 ft. **Site 1 of 2 in cluster F**

Relative:
Higher

Actual:
10 ft.

SWF/LF:

Flag:	ACTIVE
Region Code:	3
Phone Number:	9143817825
Owner Name:	Town of Mamaroneck
Owner Type:	Municipal
Owner Address:	740 West Boston Post Road
Owner Addr2:	Not reported
Owner City,St,Zip:	Mamaroneck, NY 10543
Owner Email:	Not reported
Owner Phone:	9143817810
Contact Name:	Lou Martirano
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	highwaydept@townofmamaroneck.org
Contact Phone:	9143817825
Activity Desc:	Transfer station - registration
Activity Number:	[60R]
Active:	Yes

HOMMOCKS LEAF PEN (Continued) **S111274251**

East Coordinate: 605616
North Coordinate: 4532225
Accuracy Code: Not reported
Regulatory Status: Registration
Waste Type: Yard Waste
Authorization #: 60R
Authorization Date: Not reported
Expiration Date: Not reported

F18 **MIDDLE SCHOOL** **NY Spills** **S108465857**
West **130 HOMMOCKS ROAD** **N/A**
< 1/8 **LARCHMONT, NY**
0.071 mi.
373 ft. **Site 2 of 2 in cluster F**

Relative:
Higher

Actual:
10 ft.

SPILLS:
Facility ID: 0612247
Facility Type: ER
DER Facility ID: 326632
Site ID: 377059
DEC Region: 3
Spill Date: 2007-02-07
Spill Number/Closed Date: 0612247 / 2007-03-05
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 6032
Investigator: jbodee
Referred To: WCDOH
Reported to Dept: 2007-02-07
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: 2007-02-07
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2007-02-07
Spill Record Last Update: 2007-03-05
Spiller Name: SETH WEITZMAN-PRINCIPLE
Spiller Company: MIDDLE SCHOOL
Spiller Address: 130 HOMMOCKS ROAD
Spiller City,St,Zip: LARCHMONT, NY
Spiller Company: 001
Contact Name: SETH WEITZMAN-PRINCIPLE
Contact Phone: (914) 220-3302
DEC Memo: "MEG completed clean up."
Remarks: "2 - THEOMOMERTERS DROPPED IN A CLASS ROONMA ND IN PROCESS OF CLEANING UP"

Material:
Site ID: 377059
Operable Unit ID: 1134613
Operable Unit: 01
Material ID: 2124485

MIDDLE SCHOOL (Continued) **S108465857**

Material Code:	0031A
Material Name:	mercury
Case No.:	07439976
Material FA:	Hazardous Material
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

E19
NE
< 1/8
0.085 mi.
451 ft.

Relative:
Higher

Actual:
22 ft.

GORDON - UST **NY Spills** **S117852594**
628 ORIENTA AVE **N/A**
MAMARONECK, NY

Site 2 of 3 in cluster E

SPILLS:

Facility ID:	1500974
Facility Type:	ER
DER Facility ID:	412731
Site ID:	507150
DEC Region:	3
Spill Date:	2015-04-28
Spill Number/Closed Date:	1500974 / 2015-09-18
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2015-04-28
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
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:	2015-04-28
Spill Record Last Update:	2015-09-22
Spiller Name:	GARY GORDON
Spiller Company:	Gary Gordon
Spiller Address:	628 ORIENTA AVE
Spiller City,St,Zip:	MAMARONECK, NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	"4/28/15 - A 1K gal. UST has been removed and there is impacted soils. Awaiting on insurance to continue work. KAB 9/18/2015: Barrier Environmental disposed of the leaking UST and 29.31 tons of petroleum contaminated soil. Post excavation soil sample results submitted for

GORDON - UST (Continued) **S117852594**

review. Closure Report has been entered into DecDocs. Based upon information provided, no further action required at this time. jod"
Remarks: "Pulled 1000G UST, impacted soil present. Clean up pending."

Material:
Site ID: 507150
Operable Unit ID: 1256489
Operable Unit: 01
Material ID: 2259418
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 507150
Spill Tank Test: 2496945
Tank Number: A
Tank Size: 1000
Test Method: NN
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: JBODEE
Last Modified: Not reported
Test Method: Testing Not Required

E20 **IN EXCAVATION HOLE** **NY Spills** **S111456515**
NE **628 ORIENTA AVE** **N/A**
< 1/8 **MAMARONECK, NY**
0.085 mi.
451 ft. **Site 3 of 3 in cluster E**

Relative: Higher

Actual: 22 ft.

SPILLS:
Facility ID: 1110422
Facility Type: ER
DER Facility ID: 412731
Site ID: 458257
DEC Region: 3
Spill Date: 2011-11-22
Spill Number/Closed Date: 1110422 / 2011-11-23
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 6032
Investigator: MBMASTRO
Referred To: Not reported
Reported to Dept: 2011-11-23
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported

IN EXCAVATION HOLE (Continued) **S111456515**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-11-23
Spill Record Last Update:	2015-05-07
Spiller Name:	ERT
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	999
Contact Name:	ERT
Contact Phone:	(212) 580-8383
DEC Memo:	"11/23/11 Will send a report to White Plains, nfa...mm"
Remarks:	"Oil was found in the hole, Clean up pending test results."

Material:

Site ID:	458257
Operable Unit ID:	1208368
Operable Unit:	01
Material ID:	2205699
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.05
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

21
North
< 1/8
0.090 mi.
477 ft.

Relative:
Higher

Actual:
25 ft.

410 TONI LN
MAMARONECK, NY 10543

EDR Hist Cleaner **1015056812**
N/A

EDR Historical Cleaners:

Name:	CJ LAUNDRY INC
Year:	2006
Address:	410 TONI LN
Name:	CJ LAUNDRY INC
Year:	2007
Address:	410 TONI LN

G22
NNW
< 1/8
0.096 mi.
505 ft.

MAMARONECK C.S.
1000 W. POST RD
MAMARONECK, NY

Site 1 of 3 in cluster G

NY LTANKS **S100139749**
N/A

Relative:
Higher

Actual:
27 ft.

LTANKS:

Site ID:	147023
Spill Number/Closed Date:	8708130 / 1988-02-24
Spill Date:	1987-12-19
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1988-02-24
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1987-12-19
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1988-02-24
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-12-22
Spill Record Last Update:	1988-03-12
Spiller Name:	DICK GARDNER
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	125190
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was / / : 2500 -.3264 TO ESCAVATE AND TETEST. / / : RETESTED & PASSED JOK N F A. / / : RETESTED & PASSED JOK. N F A. / / : RETESTED & PASSED N F A. "
Remarks:	""

Material:

Site ID:	147023
Operable Unit ID:	913689
Operable Unit:	01
Material ID:	463529
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

MAMARONECK C.S. (Continued) **S100139749**

Tank Test:

Site ID:	147023
Spill Tank Test:	1532752
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Unknown

H23 **MH640 BOSTON POST RD AND** **NY Spills** **S104653579**
WNW **ROCKRIDGE RD** **N/A**
< 1/8 **MAMARONECK, NY**
0.097 mi.
513 ft. **Site 1 of 5 in cluster H**

Relative:
Higher

Actual:
19 ft.

SPILLS:

Facility ID:	0003064
Facility Type:	ER
DER Facility ID:	243713
Site ID:	301588
DEC Region:	3
Spill Date:	2000-06-12
Spill Number/Closed Date:	0003064 / 2000-06-13
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2000-06-12
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:	2000-06-12
Spill Record Last Update:	2000-06-20
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	CALLER
Contact Phone:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 06/13/2000 CLEANUP REPORT SENT TO TARRYTOWN OFFICE. NFA"
Remarks:	"oil leaked from primary plc cable on 500 gals water 131802"

MH640 BOSTON POST RD AND (Continued) **S104653579**

Material:

Site ID:	301588
Operable Unit ID:	824563
Operable Unit:	01
Material ID:	551395
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

G24 **TONY GARGAGLIANO** **NY LTANKS** **S100177781**
NNW **72 COOPER LANE** **N/A**
< 1/8 **MAMARONECK, NY**
0.100 mi.
528 ft. **Site 2 of 3 in cluster G**

Relative:
Higher

Actual:
29 ft.

LTANKS:

Site ID:	79814
Spill Number/Closed Date:	9110685 / 1995-07-18
Spill Date:	1992-01-09
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. (Highly Improbable)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1992-01-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-01-22
Spill Record Last Update:	2005-03-26
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	74062

TONY GARGAGLIANO (Continued) **S100177781**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "THE DANIEL RESIDENCE HAS #2 OIL IN THEIR SUMP PIT IT'S BELIEVED TO BE COMING FROM A LINE LEAK AT 72 COOPER LANE"

Material:
Site ID: 79814
Operable Unit ID: 960799
Operable Unit: 01
Material ID: 419198
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

I25 **SPILL NUMBER 0203731** **NY Spills** **S102108775**
NW **601 FAIRWAY GREEN** **N/A**
< 1/8 **MAMARONECK, NY**
0.104 mi.
550 ft. **Site 1 of 3 in cluster I**

Relative:
Higher

Actual:
41 ft.

SPILLS:
Facility ID: 0203731
Facility Type: ER
DER Facility ID: 210254
Site ID: 256764
DEC Region: 3
Spill Date: 2002-07-09
Spill Number/Closed Date: 0203731 / 2002-07-10
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 6032
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2002-07-09
CID: 281
Water Affected: Not reported
Spill Source: Unknown
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: 2002-07-09
Spill Record Last Update: 2002-07-16
Spiller Name: Not reported

SPILL NUMBER 0203731 (Continued) **S102108775**

Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	WESTCHESTER CO FIRE
Contact Phone:	(914) 231-1905
DEC Memo:	""
Remarks:	"FIRE DEPT AND COUNTY HEALTH DEP ON SCENE AT ABOVE LOCATION WITH ABOVE MATERIAL DISCOVERED IN STORM SEWER. INVESTIGATION OF SOURCE AND CAUSE AND UNDERWAY. "

Material:

Site ID:	256764
Operable Unit ID:	856601
Operable Unit:	01
Material ID:	521549
Material Code:	0046A
Material Name:	cooking grease
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	9305882
Facility Type:	ER
DER Facility ID:	107442
Site ID:	123992
DEC Region:	3
Spill Date:	1993-08-12
Spill Number/Closed Date:	9305882 / 2000-07-11
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1993-08-12
CID:	Not reported
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:	1993-08-19
Spill Record Last Update:	2000-08-01
Spiller Name:	Not reported
Spiller Company:	Not reported

SPILL NUMBER 0203731 (Continued) **S102108775**

Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: ""

Material:
Site ID: 123992
Operable Unit ID: 987358
Operable Unit: 01
Material ID: 395785
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

26
NNE
< 1/8
0.106 mi.
560 ft.

ALICE BLOOM **NY LTANKS** **S105230552**
414 ORIENTA AVE **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
37 ft.

LTANKS:
Site ID: 114758
Spill Number/Closed Date: 0109133 / 2003-05-08
Spill Date: 2001-12-14
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6032
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2001-12-14
CID: 397
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2001-12-14
Spill Record Last Update: 2003-05-29
Spiller Name: RESIDENT
Spiller Company: ALICE BLOOM

ALICE BLOOM (Continued) **S105230552**

Spiller Address:	414 ORIENTA AVE
Spiller City,St,Zip:	MAMARONECK, ZZ
Spiller County:	001
Spiller Contact:	RESIDENT
Spiller Phone:	(914) 698-0006
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	100073
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 05/08/03 NEE PULLED TANK AND DISPOSED OF 17.15 TONS CONTAMIN."
Remarks:	"tank test failure"

Material:

Site ID:	114758
Operable Unit ID:	846531
Operable Unit:	01
Material ID:	530343
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	114758
Spill Tank Test:	1526771
Tank Number:	1
Tank Size:	550
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

G27 **GETTY SERVICE STATION** **RCRA NonGen / NLR** **1000551776**
NNW **946 E POST RD** **FINDS** **NYD986941409**
< 1/8 **MAMARONECK, NY 10543** **NY MANIFEST**
0.107 mi. **ECHO**
566 ft. **Site 3 of 3 in cluster G**

Relative: Higher

Actual: 33 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	GETTY SERVICE STATION
Facility address:	946 E POST RD MAMARONECK, NY 10543
EPA ID:	NYD986941409
Mailing address:	E POST RD MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	E POST RD MAMARONECK, NY 10543

GETTY SERVICE STATION (Continued) **1000551776**

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: GETTY PETROLEUM CORP
Owner/operator address: 4301 BOSTON POST RD
BRONX, NY 10466
Owner/operator country: US
Owner/operator telephone: (914) 324-5202
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GETTY PETROLEUM CORP
Owner/operator address: 4301 BOSTON POST RD
BRONX, NY 10466
Owner/operator country: US
Owner/operator telephone: (914) 324-5202
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: GETTY SERVICE STATION
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: GETTY SERVICE STATION
Classification: Not a generator, verified

Date form received by agency: 02/22/1991
Site name: GETTY SERVICE STATION

GETTY SERVICE STATION (Continued) **1000551776**

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110004460805

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.

NY MANIFEST:
EPA ID: NYD986941409
Country: USA
Location Address 1: 946 EAST POST ROAD
Location Address 2: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip Code: 10543
Location Zip Code 4: Not reported

Mailing Info:
Name: GETTY PETROLEUM
Contact: GETTY PETROLEUM
Address: 4301 BOSTON POST ROAD
City/State/Zip: BRONX, NY 10466
Country: USA
Phone: 212-324-5202

Manifest:

Document ID: NYB2096640
Manifest Status: Completed copy
Trans1 State ID: MK8857
Trans2 State ID: Not reported
Generator Ship Date: 02/22/1991
Trans1 Recv Date: 02/22/1991
Trans2 Recv Date: / /
TSD Site Recv Date: 02/25/1991
Part A Recv Date: 03/12/1991
Part B Recv Date: 03/08/1991
Generator EPA ID: NYD986941409
Trans1 EPA ID: NYD006801245
Trans2 EPA ID: Not reported
TSDF ID: NYD082785429
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 02000
Units: P - Pounds

GETTY SERVICE STATION (Continued) **1000551776**

Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	1991

ECHO:

Envid:	1000551776
Registry ID:	110004460805
FIPS Code:	36119
EPA Region:	02
Indian Country Flag:	N
Federal Flag:	Not reported
US Mexico Border Flag:	Not reported
Chesapeake Bay Flag:	Not reported
NAA Flag:	Y
Latitude:	40.953796
Longitude:	-73.72257
Map Icon:	RCRA-IC-MN-N.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	Not reported
Accuracy Meters:	60
Derived Tribes:	Not reported
Derived Huc:	02030102
Derived WBD:	020301020202
Derived STCT FPS:	36119
Derived Zip:	10543
Derived CD113:	16
Derived CB2010:	361190074023033
Percent Minority:	22.129
Pop Den:	3440.41
Major Flag:	Not reported
Active Flag:	Not reported
MYRTK Universe:	NNN
Inspection Count:	0
Date Last Inspection:	Not reported
Days Last Inspection:	Not reported
Informal Count:	0
Date Last Informal Action:	Not reported
Formal Action Count:	0
Date Last Formal Action:	Not reported
Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	No Violation
Curr SNC Flag:	N
3yr Compliance Status:	_____
AFS Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not reported

GETTY SERVICE STATION (Continued) **1000551776**

CAA Permit Types:	Not reported
CAA NAICS:	Not reported
CAA SICS:	Not reported
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	Not reported
CAA Curr Compliance Status:	Not reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not reported
NPDES IDS:	Not reported
CWA Permit Types:	Not reported
CWA Compliance Tracking:	Not reported
CWA NAICS:	Not reported
CWA SICS:	Not reported
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	Not reported
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported
CWA Last Penality Amount:	Not reported
CWA Qtrs in NC:	Not reported
CWA Curr Compliance Status:	Not reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not reported
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	NYD986941409
RCRA Permit Types:	Other
RCRA NAICS:	Not reported
RCRA Inspection Count:	Not reported
RCRA Days Last Evaluation:	Not reported
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported
RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	_____
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported
SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported

GETTY SERVICE STATION (Continued) **1000551776**

TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110004460805
Facility SIC Codes:	Not reported
Facility NAICS Codes:	Not reported
Facility Date Last Inspection EPA:	Not reported
Facility Date Last Inspection State:	Not reported
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	Not reported
Facility Date Last Informal ACT ST:	Not reported
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

28
SSW
< 1/8
0.116 mi.
614 ft.

LARCHMONT LEAF TS **NY SWF/LF** **S104263966**
END OF BIRCH LANE **N/A**
LARCHMONT, NY 10538

Relative:
Lower

Actual:
4 ft.

SWF/LF:

Flag:	ACTIVE
Region Code:	3
Phone Number:	9148346210
Owner Name:	Village of Larchmont
Owner Type:	Municipal
Owner Address:	120 Larchmont Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Larchmont, NY 10538
Owner Email:	Not reported
Owner Phone:	9148346202
Contact Name:	Rick Vetere
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	publicworks@villageoflarchmont.org
Contact Phone:	9148346202
Activity Desc:	Transfer station - registration
Activity Number:	[60R17]
Active:	Yes
East Coordinate:	605972
North Coordinate:	4531848
Accuracy Code:	Not reported
Regulatory Status:	Registration
Waste Type:	Yard Waste;Wood (Brush/ Branches/ Trees/ Stumps)
Authorization #:	60R17
Authorization Date:	Not reported
Expiration Date:	Not reported

H29
West
< 1/8
0.118 mi.
621 ft.

Relative:
Higher

Actual:
17 ft.

EXCELSIOR CLEANERS
1320 BOSTON POST RD.
LARCHMONT, NY 10538

Site 2 of 5 in cluster H

Database(s): RCRA-SQG, US AIRS, FINDS, NY DRYCLEANERS, RI MANIFEST, NY MANIFEST, ECHO

EDR ID Number: 1000556175
EPA ID Number: NYD986987337

RCRA-SQG:

Date form received by agency:	01/01/2007
Facility name:	EXCELSIOR
Facility address:	1320 BOSTON POST RD LARCHMONT, NY 10538
EPA ID:	NYD986987337
Mailing address:	BOSTON POST RD LARCHMONT, NY 10538
Contact:	JACK KAUTMAN
Contact address:	BOSTON POST RD LARCHMONT, NY 10538
Contact country:	US
Contact telephone:	(914) 834-1733
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
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:	JACK KAUFMAN
Owner/operator address:	1320 BOSTON POST RD LARCHMONT, NY 10538
Owner/operator country:	US
Owner/operator telephone:	(914) 834-1733
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JACK KAUFMAN
Owner/operator address:	1320 BOSTON POST RD LARCHMONT, NY 10538
Owner/operator country:	US
Owner/operator telephone:	(914) 834-1733
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

EXCELSIOR CLEANERS (Continued) **1000556175**

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: EXCELSIOR
Classification: Small Quantity Generator

Date form received by agency: 12/05/1991
Site name: EXCELSIOR
Classification: Small Quantity Generator

. 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.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 12/03/2010
Date achieved compliance: 01/06/2011
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/17/2010
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 01/07/2011
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: Universal Waste - Small Quantity Handlers
Date violation determined: 12/03/2010
Date achieved compliance: 01/06/2011
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/17/2010
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 01/07/2011
Enforcement lead agency: State

EXCELSIOR CLEANERS (Continued) **1000556175**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 12/03/2010
Date achieved compliance: 01/06/2011
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/17/2010
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 01/07/2011
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: TSD IS-Preparedness and Prevention
Date violation determined: 12/03/2010
Date achieved compliance: 01/06/2011
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/17/2010
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 01/07/2011
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: State Statute or Regulation
Date violation determined: 12/03/2010
Date achieved compliance: 01/06/2011
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/17/2010
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 01/07/2011
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: Universal Waste - Small Quantity Handlers
Date violation determined: 12/03/2010
Date achieved compliance: 12/10/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/17/2010
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 01/07/2011
Enforcement lead agency: State
Proposed penalty amount: Not reported

EXCELSIOR CLEANERS (Continued) **1000556175**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/03/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 01/06/2011
Evaluation lead agency: State

Evaluation date: 12/03/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 01/06/2011
Evaluation lead agency: State

Evaluation date: 12/03/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 12/10/2010
Evaluation lead agency: State

Evaluation date: 12/03/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 01/06/2011
Evaluation lead agency: State

Evaluation date: 12/03/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permits - Application
Date achieved compliance: 01/06/2011
Evaluation lead agency: State

Evaluation date: 12/03/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 01/06/2011
Evaluation lead agency: State

US AIRS MINOR:
Envid: 1000556175
Region Code: 02
Programmatic ID: AIR NY0000NY3553200264
Facility Registry ID: 110001601482
D and B Number: Not reported
Primary SIC Code: 7216
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 NY0000NY3553200264
Facility Registry ID: 110001601482
Air Operating Status Code: OPR

EXCELSIOR CLEANERS (Continued) **1000556175**

Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: Not reported
Activity Status Date: 2014-10-19 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Case File Data Entered

Region Code: 02
Programmatic ID: AIR NY0000NY3553200264
Facility Registry ID: 110001601482
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 1997-06-17 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 NY0000NY3553200264
Facility Registry ID: 110001601482
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2011-01-13 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 NY0000NY3553200264
Facility Registry ID: 110001601482
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2010-03-24 00:00:00
Activity Status Date: 2010-03-24 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000NY3553200264
Facility Registry ID: 110001601482
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2012-08-06 00:00:00
Activity Status Date: 2012-08-06 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02

EXCELSIOR CLEANERS (Continued) **1000556175**

Programmatic ID: AIR NY0000NY3553200264
Facility Registry ID: 110001601482
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: 2011-01-13 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 NY0000NY3553200264
Facility Registry ID: 110001601482
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: 2014-08-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:

Registry ID: 110001601482

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

DRYCLEANERS:

EXCELSIOR CLEANERS (Continued) **1000556175**

Facility ID: 3-5532-00264
Phone Number: 914-834-1733
Region: Not reported
Registration Effective Date: 1/10/2006
Inspection Date: 07APR16
Install Date: 91/04
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: Not reported
Current Business: Not reported

RI MANIFEST:
EPA Id: NYD986987337
Manifest Document Number: 003392633FLE
GEN Cert Date: 4/27/2011
TSDF Id: RID084802842
TSDF Name: SAFETY KLEEN
TSDF Date: 5/4/2011
Transporter 2 Id: NJD071629976
Transporter 2 Name: 5/4/2011
Transporter Receipt Date: 4/27/2011
Number Of Containers: 1
Container Type: DF
Waste Code1: D007
Waste Code2: D029
Waste Code3: D039
Fee Exempt Code: Not reported
Comment: Not reported

Details:
EPA ID: NYD986987337
Manifest Docket Number: 003031453SKS
Waste Description: TOXIC LIQUIDS ORGANIC NOS
Quantity: 300
WT/Vol Units: P
Item Number: 1
Transporter Name: SAFETY KLEEN
Transporter EPA ID: TXR000050930
GEN Cert Date: 9/26/2011
Transporter Receipt Date: 9/26/2011
Transporter 2 Receipt Date: 9/30/2011
TSDF Receipt Date: 9/30/2011
Transporter 2 ID: NJD071629976

EPA ID: NYD986987337
Manifest Docket Number: 003392633FLE
Waste Description: TOXIC LIQUIDS ORGANIC NOS
Quantity: 400
WT/Vol Units: P
Item Number: 1
Transporter Name: SAFETY KLEEN
Transporter EPA ID: TXR000050930
GEN Cert Date: 4/27/2011
Transporter Receipt Date: 4/27/2011
Transporter 2 Receipt Date: 5/4/2011
TSDF Receipt Date: 5/4/2011
Transporter 2 ID: NJD071629976

EXCELSIOR CLEANERS (Continued) **1000556175**

EPA ID: NYD986987337
Manifest Docket Number: 003392633FLE
Waste Description: TOXIC LIQUIDS ORGANIC NOS
Quantity: 50
WT/Vol Units: P
Item Number: 2
Transporter Name: SAFETY KLEEN
Transporter EPA ID: TXR000050930
GEN Cert Date: 4/27/2011
Transporter Receipt Date: 4/27/2011
Transporter 2 Receipt Date: 5/4/2011
TSDF Receipt Date: 5/4/2011
Transporter 2 ID: NJD071629976

EPA ID: NYD986987337
Manifest Docket Number: 003392633FLE
Waste Description: TOXIC LIQUIDS ORGANIC NOS
Quantity: 400
WT/Vol Units: P
Item Number: 1
Transporter Name: SAFETY KLEEN
Transporter EPA ID: TXR000050930
GEN Cert Date: 4/27/2011
Transporter Receipt Date: 4/27/2011
Transporter 2 Receipt Date: 5/4/2011
TSDF Receipt Date: 5/4/2011
Transporter 2 ID: NJD071629976

EPA ID: NYD986987337
Manifest Docket Number: 003392633FLE
Waste Description: TOXIC LIQUIDS ORGANIC NOS
Quantity: 50
WT/Vol Units: P
Item Number: 2
Transporter Name: SAFETY KLEEN
Transporter EPA ID: TXR000050930
GEN Cert Date: 4/27/2011
Transporter Receipt Date: 4/27/2011
Transporter 2 Receipt Date: 5/4/2011
TSDF Receipt Date: 5/4/2011
Transporter 2 ID: NJD071629976

EPA ID: NYD986987337
Manifest Docket Number: 003378801FLE
Waste Description: TOXIC LIQUIDS ORGANIC NOS
Quantity: 720
WT/Vol Units: P
Item Number: 1
Transporter Name: SAFETY KLEEN
Transporter EPA ID: TXR000050930
GEN Cert Date: 12/29/2010
Transporter Receipt Date: 12/29/2010
Transporter 2 Receipt Date: 12/29/2010
TSDF Receipt Date: 12/29/2010
Transporter 2 ID: NJD071629976

EPA ID: NYD986987337

EXCELSIOR CLEANERS (Continued) **1000556175**

Manifest Docket Number:	003378801FLE
Waste Description:	TOXIC LIQUIDS ORGANIC NOS
Quantity:	720
WT/Vol Units:	P
Item Number:	1
Transporter Name:	SAFETY KLEEN
Transporter EPA ID:	TXR000050930
GEN Cert Date:	12/29/2010
Transporter Receipt Date:	12/29/2010
Transporter 2 Receipt Date:	12/29/2010
TSDF Receipt Date:	12/29/2010
Transporter 2 ID:	NJD071629976

NY MANIFEST:

EPA ID:	NYD986987337
Country:	USA
Location Address 1:	1320 BOSTON POST ROAD
Location Address 2:	Not reported
Location City:	LARCHMONT
Location State:	NY
Location Zip Code:	10538
Location Zip Code 4:	Not reported

Mailing Info:

Name:	EXCELSIOR CLEANERS
Contact:	JONNY KAUFMAN
Address:	1320 BOSTON POST ROAD
City/State/Zip:	LARCHMONT, NY 10538
Country:	USA
Phone:	914-834-1733

Manifest:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	PAR000524041
Generator Ship Date:	05/09/2014
Trans1 Recv Date:	05/09/2014
Trans2 Recv Date:	05/22/2014
TSD Site Recv Date:	06/02/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	400
Units:	P - Pounds
Number of Containers:	4
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	004185143SKS

EXCELSIOR CLEANERS (Continued) **1000556175**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	NYD982792814
Generator Ship Date:	09/22/2014
Trans1 Recv Date:	09/22/2014
Trans2 Recv Date:	10/01/2014
TSD Site Recv Date:	10/07/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	300
Units:	P - Pounds
Number of Containers:	3
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	004542959SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	PAR000524041
Generator Ship Date:	01/27/2014
Trans1 Recv Date:	01/27/2014
Trans2 Recv Date:	02/06/2014
TSD Site Recv Date:	02/11/2014

EXCELSIOR CLEANERS (Continued) **1000556175**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	5
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	003902385SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	01/12/2009
Trans1 Recv Date:	01/12/2009
Trans2 Recv Date:	01/22/2009
TSD Site Recv Date:	01/26/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	900.0
Units:	P - Pounds
Number of Containers:	6.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001632466SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N

EXCELSIOR CLEANERS (Continued) **1000556175**

Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	OHR000110858
Generator Ship Date:	05/28/2009
Trans1 Recv Date:	05/28/2009
Trans2 Recv Date:	06/03/2009
TSD Site Recv Date:	06/08/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	900.0
Units:	P - Pounds
Number of Containers:	6.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001811344SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	OHR000110858
Generator Ship Date:	05/28/2009
Trans1 Recv Date:	05/28/2009
Trans2 Recv Date:	06/03/2009
TSD Site Recv Date:	06/08/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364

EXCELSIOR CLEANERS (Continued) **1000556175**

Waste Code:	Not reported
Quantity:	60.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	001811344SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	04/27/2011
Trans1 Recv Date:	04/27/2011
Trans2 Recv Date:	05/04/2011
TSD Site Recv Date:	05/05/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	RID084802842
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	4.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	003392633FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

EXCELSIOR CLEANERS (Continued) **1000556175**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	04/27/2011
Trans1 Recv Date:	04/27/2011
Trans2 Recv Date:	05/04/2011
TSD Site Recv Date:	05/05/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	RID084802842
Waste Code:	Not reported
Quantity:	50.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	003392633FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	09/26/2011
Trans1 Recv Date:	09/26/2011
Trans2 Recv Date:	09/30/2011
TSD Site Recv Date:	10/03/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	RID084802842
Waste Code:	Not reported
Quantity:	300.0
Units:	P - Pounds
Number of Containers:	3.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0

EXCELSIOR CLEANERS (Continued) **1000556175**

Year:	2011
Manifest Tracking Num:	003031453SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	OKD981588791
Generator Ship Date:	01/10/2008
Trans1 Recv Date:	01/10/2008
Trans2 Recv Date:	01/23/2008
TSD Site Recv Date:	01/24/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	750.0
Units:	P - Pounds
Number of Containers:	5.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	000105883SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD00692061
Generator Ship Date:	08/11/2008
Trans1 Recv Date:	08/11/2008

EXCELSIOR CLEANERS (Continued) **1000556175**

Trans2 Recv Date:	09/03/2008
TSD Site Recv Date:	09/04/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	750.0
Units:	P - Pounds
Number of Containers:	5.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001417175SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NYD980769947
Generator Ship Date:	11/08/2008
Trans1 Recv Date:	11/08/2008
Trans2 Recv Date:	11/18/2008
TSD Site Recv Date:	11/20/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	120.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001445830SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

EXCELSIOR CLEANERS (Continued) **1000556175**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD000692061
Generator Ship Date:	05/14/2008
Trans1 Recv Date:	05/14/2008
Trans2 Recv Date:	05/28/2008
TSD Site Recv Date:	05/30/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	900.0
Units:	P - Pounds
Number of Containers:	6.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001105551SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NYD980769947
Generator Ship Date:	11/08/2008
Trans1 Recv Date:	11/08/2008
Trans2 Recv Date:	11/18/2008
TSD Site Recv Date:	11/20/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported

EXCELSIOR CLEANERS (Continued) **1000556175**

Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	600.0
Units:	P - Pounds
Number of Containers:	4.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001445830SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	MAD039322250
Generator Ship Date:	02/19/2015
Trans1 Recv Date:	02/19/2015
Trans2 Recv Date:	03/02/2015
TSD Site Recv Date:	03/13/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	400
Units:	P - Pounds
Number of Containers:	4
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2015
Manifest Tracking Num:	004616983SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

EXCELSIOR CLEANERS (Continued) **1000556175**

Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: MAD039322250
Generator Ship Date: 02/19/2015
Trans1 Recv Date: 02/19/2015
Trans2 Recv Date: 03/02/2015
TSD Site Recv Date: 03/13/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986987337
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: OHD980587364
Waste Code: Not reported
Quantity: 50
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2015
Manifest Tracking Num: 004616983SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000050930
Trans2 State ID: NJD071629976
Generator Ship Date: 07/31/2012
Trans1 Recv Date: 07/31/2012
Trans2 Recv Date: 08/03/2012
TSD Site Recv Date: 08/06/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986987337
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: RID084802842
Waste Code: Not reported
Quantity: 50.0
Units: P - Pounds
Number of Containers: 1.0

EXCELSIOR CLEANERS (Continued) **1000556175**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	003123860SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	02/15/2012
Trans1 Recv Date:	02/15/2012
Trans2 Recv Date:	02/21/2012
TSD Site Recv Date:	02/22/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	RID084802842
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	5.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	003013949SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930

EXCELSIOR CLEANERS (Continued) **1000556175**

Trans2 State ID:	NJD071629976
Generator Ship Date:	07/31/2012
Trans1 Recv Date:	07/31/2012
Trans2 Recv Date:	08/03/2012
TSD Site Recv Date:	08/06/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	RID084802842
Waste Code:	Not reported
Quantity:	400.0
Units:	P - Pounds
Number of Containers:	4.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	003123860SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	02/15/2012
Trans1 Recv Date:	02/15/2012
Trans2 Recv Date:	02/21/2012
TSD Site Recv Date:	02/22/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986987337
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	RID084802842
Waste Code:	Not reported
Quantity:	50.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	003013949SKS
Import Ind:	N

EXCELSIOR CLEANERS (Continued) **1000556175**

Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

ECHO:

Envid:	1000556175
Registry ID:	110001601482
FIPS Code:	36119
EPA Region:	02
Indian Country Flag:	N
Federal Flag:	N
US Mexico Border Flag:	Not reported
Chesapeake Bay Flag:	Not reported
NAA Flag:	Y
Latitude:	40.93623
Longitude:	-73.74703
Map Icon:	MULT-IC-MN-5.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters:	50
Derived Tribes:	Not reported
Derived Huc:	02030102
Derived WBD:	Not reported
Derived STCT FPS:	36119
Derived Zip:	10538
Derived CD113:	16
Derived CB2010:	361190069004009
Percent Minority:	Not reported
Pop Den:	Not reported
Major Flag:	Not reported
Active Flag:	Y
MYRTK Universe:	NNN
Inspection Count:	1
Date Last Inspection:	12/03/2010
Days Last Inspection:	1752
Informal Count:	2
Date Last Informal Action:	08/06/2012
Formal Action Count:	0
Date Last Formal Action:	Not reported
Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	No Violation
Curr SNC Flag:	N
3yr Compliance Status:	_____
AFS Flag:	Y
NPDES Flag:	N

EXCELSIOR CLEANERS (Continued) **1000556175**

SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	NY0000NY3553200264
CAA Permit Types:	Minor Emissions
CAA NAICS:	812320
CAA SICS:	7216
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	1
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	8
CAA Curr Compliance Status:	No Violation
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	____
NPDES IDS:	Not reported
CWA Permit Types:	Not reported
CWA Compliance Tracking:	Not reported
CWA NAICS:	Not reported
CWA SICS:	Not reported
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	Not reported
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported
CWA Last Penality Amount:	Not reported
CWA Qtrs in NC:	Not reported
CWA Curr Compliance Status:	Not reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not reported
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	NYD986987337
RCRA Permit Types:	SQG
RCRA NAICS:	Not reported
RCRA Inspection Count:	1
RCRA Days Last Evaluation:	1752
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	1
RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	_____
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported

EXCELSIOR CLEANERS (Continued) **1000556175**

SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported
TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110001601482
Facility SIC Codes:	7216
Facility NAICS Codes:	812320
Facility Date Last Inspection EPA:	Not reported
Facility Date Last Inspection State:	12/03/2010
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	Not reported
Facility Date Last Informal ACT ST:	08/06/2012
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

H30 **EDR Hist Cleaner** **1014988292**
West **1320 BOSTON POST RD** **N/A**
< 1/8 **LARCHMONT, NY 10538**
0.118 mi.
621 ft. **Site 3 of 5 in cluster H**

Relative:
Higher

Actual:
17 ft.

EDR Historical Cleaners:

Name:	EXCELSIOR CLEANERS
Year:	2002
Address:	1320 BOSTON POST RD
Name:	EXCELSIOR CLEANERSLARCHMONT
Year:	2010
Address:	1320 BOSTON POST RD
Name:	EXCELSIOR CLEANERS OF LARCHMONT
Year:	2011
Address:	1320 BOSTON POST RD
Name:	EXCELSIOR CLEANERS OF LARCHMONT
Year:	2012
Address:	1320 BOSTON POST RD

H31 **CVS PHARMACY #1949** **RCRA-LQG** **1014958210**
WNW **1310 BOSTON POST RD** **NY MANIFEST** **NYR000194555**
< 1/8 **LARCHMONT, NY 10538**
0.118 mi.
623 ft. **Site 4 of 5 in cluster H**

Relative:
Higher

Actual:
17 ft.

RCRA-LQG:

Date form received by agency:	07/01/2013
Facility name:	CVS PHARMACY #1949
Facility address:	1310 BOSTON POST RD FERNDALE SHOPPING CENTER LARCHMONT, NY 10538
EPA ID:	NYR000194555
Mailing address:	CVS DR WOONSOCKET, RI 02895
Contact:	WENDY L BRANT
Contact address:	CVS DR WOONSOCKET, RI 02895
Contact country:	US
Contact telephone:	(401) 765-1500
Contact email:	WENDY.BRANT@CVSCAREMARK.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:	CVS ALBANY LLC
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	02/14/1994
Owner/Op end date:	Not reported
Owner/operator name:	TEN GRAND INC
Owner/operator address:	WHITE PLAINS RD SCARSDALE, NY 10583
Owner/operator country:	US
Owner/operator telephone:	(914) 472-2000
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/18/1993
Owner/Op end date:	Not reported

Handler Activities Summary:

CVS PHARMACY #1949 (Continued) **1014958210**

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P042
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: P081
. Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Historical Generators:
Date form received by agency: 03/05/2012
Site name: CVS PHARMACY #1949
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D011
. Waste name: SILVER

CVS PHARMACY #1949 (Continued) **1014958210**

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P042
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: P081
. Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000194555
Country: USA
Location Address 1: 1310 BOSTON POST RD
Location Address 2: Not reported
Location City: LARCHMONT
Location State: NY
Location Zip Code: 10538
Location Zip Code 4: Not reported

Mailing Info:
Name: CVS PHARMACY #1949
Contact: CVS PHARMACY #1949
Address: 1310 BOSTON POST RD FERNDALE SHOPPING CENTER
City/State/Zip: LARCHMONT, NY 10538
Country: USA
Phone: 914-833-3001

Manifest:

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: MNS000110924
Trans2 State ID: PAD982661381
Generator Ship Date: 12/30/2014
Trans1 Recv Date: 12/30/2014
Trans2 Recv Date: 01/19/2015
TSD Site Recv Date: 01/26/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000194555
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: PAD085690592
Waste Code: Not reported
Quantity: 7
Units: P - Pounds
Number of Containers: 1
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: B Incineration, heat recovery, burning.

CVS PHARMACY #1949 (Continued) **1014958210**

Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	007394772FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	PAD982661381
Generator Ship Date:	12/13/2014
Trans1 Recv Date:	12/13/2014
Trans2 Recv Date:	12/19/2014
TSD Site Recv Date:	01/08/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	0.04
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	006256057FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	09/15/2014

CVS PHARMACY #1949 (Continued) **1014958210**

Trans1 Recv Date:	09/15/2014
Trans2 Recv Date:	09/23/2014
TSD Site Recv Date:	10/03/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	PAD085690592
Waste Code:	Not reported
Quantity:	1
Units:	P - Pounds
Number of Containers:	1
Container Type:	BA - Burlap, plastic, paper bags
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	007274081FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	09/15/2014
Trans1 Recv Date:	09/15/2014
Trans2 Recv Date:	09/23/2014
TSD Site Recv Date:	10/03/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	PAD085690592
Waste Code:	Not reported
Quantity:	48
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	007274081FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N

CVS PHARMACY #1949 (Continued) **1014958210**

Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	09/15/2014
Trans1 Recv Date:	09/15/2014
Trans2 Recv Date:	09/23/2014
TSD Site Recv Date:	10/03/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	PAD085690592
Waste Code:	Not reported
Quantity:	10
Units:	P - Pounds
Number of Containers:	1
Container Type:	BA - Burlap, plastic, paper bags
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	007274081FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	PAD982661381
Generator Ship Date:	12/30/2014
Trans1 Recv Date:	12/30/2014
Trans2 Recv Date:	01/19/2015
TSD Site Recv Date:	02/09/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555

CVS PHARMACY #1949 (Continued) **1014958210**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	0.04
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	007394771FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	PAD982661381
Generator Ship Date:	12/30/2014
Trans1 Recv Date:	12/30/2014
Trans2 Recv Date:	01/19/2015
TSD Site Recv Date:	02/09/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	11
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	007394771FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported

CVS PHARMACY #1949 (Continued) **1014958210**

Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	09/15/2014
Trans1 Recv Date:	09/15/2014
Trans2 Recv Date:	09/23/2014
TSD Site Recv Date:	10/09/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	0.04
Units:	P - Pounds
Number of Containers:	1
Container Type:	BA - Burlap, plastic, paper bags
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	007274080FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	09/15/2014
Trans1 Recv Date:	09/15/2014
Trans2 Recv Date:	09/23/2014
TSD Site Recv Date:	10/09/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	14
Units:	P - Pounds

CVS PHARMACY #1949 (Continued) **1014958210**

Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	007274080FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	09/15/2014
Trans1 Recv Date:	09/15/2014
Trans2 Recv Date:	09/23/2014
TSD Site Recv Date:	10/09/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	1
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	007274080FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported

CVS PHARMACY #1949 (Continued) **1014958210**

Trans1 State ID:	CTD983872698
Trans2 State ID:	NJR000063677
Generator Ship Date:	06/18/2014
Trans1 Recv Date:	06/18/2014
Trans2 Recv Date:	06/19/2014
TSD Site Recv Date:	06/26/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	0.04
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	007211394FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	04/01/2014
Trans1 Recv Date:	04/01/2014
Trans2 Recv Date:	04/03/2014
TSD Site Recv Date:	04/07/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	20
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	006441843FLE

CVS PHARMACY #1949 (Continued) **1014958210**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	04/01/2014
Trans1 Recv Date:	04/01/2014
Trans2 Recv Date:	04/03/2014
TSD Site Recv Date:	04/07/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	0.04
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	006441843FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	NJD054126164
Generator Ship Date:	01/09/2014
Trans1 Recv Date:	01/09/2014
Trans2 Recv Date:	01/14/2014
TSD Site Recv Date:	01/22/2014

CVS PHARMACY #1949 (Continued) **1014958210**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	14
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	006295821FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	NJD054126164
Generator Ship Date:	01/09/2014
Trans1 Recv Date:	01/09/2014
Trans2 Recv Date:	01/14/2014
TSD Site Recv Date:	01/22/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	0.04
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	006295821FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N

CVS PHARMACY #1949 (Continued) **1014958210**

Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: CTD983872698
Trans2 State ID: NJD054126164
Generator Ship Date: 01/09/2014
Trans1 Recv Date: 01/09/2014
Trans2 Recv Date: 01/14/2014
TSD Site Recv Date: 01/22/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000194555
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: INR000110197
Waste Code: Not reported
Quantity: 10
Units: P - Pounds
Number of Containers: 1
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2014
Manifest Tracking Num: 006295821FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: MNS000110924
Trans2 State ID: PAD982661381
Generator Ship Date: 12/13/2014
Trans1 Recv Date: 12/13/2014
Trans2 Recv Date: 12/19/2014
TSD Site Recv Date: 01/08/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000194555
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: INR000110197

CVS PHARMACY #1949 (Continued) **1014958210**

Waste Code:	Not reported
Quantity:	2
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	006256057FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	PAD982661381
Generator Ship Date:	12/13/2014
Trans1 Recv Date:	12/13/2014
Trans2 Recv Date:	12/19/2014
TSD Site Recv Date:	01/08/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	1
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	006256057FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

CVS PHARMACY #1949 (Continued) **1014958210**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	09/15/2014
Trans1 Recv Date:	09/15/2014
Trans2 Recv Date:	09/23/2014
TSD Site Recv Date:	10/03/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	PAD085690592
Waste Code:	Not reported
Quantity:	1
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2014
Manifest Tracking Num:	007274081FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	NJR000063677
Generator Ship Date:	02/23/2015
Trans1 Recv Date:	02/23/2015
Trans2 Recv Date:	02/24/2015
TSD Site Recv Date:	02/26/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000194555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	RID040098352
Waste Code:	Not reported
Quantity:	23
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1

CVS PHARMACY #1949 (Continued) **1014958210**

Year:	2015
Manifest Tracking Num:	007385464FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

J32 **BORDER LP** **NY LTANKS** **S111063895**
West **1331 BOSTON POST RD** **N/A**
< 1/8 **LARCHMONT, NY**
0.119 mi.
628 ft. **Site 1 of 2 in cluster J**

Relative:
Higher

Actual:
13 ft.

LTANKS:

Site ID:	451038
Spill Number/Closed Date:	1103474 / 2011-09-06
Spill Date:	2011-06-27
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2011-06-28
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2011-06-28
Spill Record Last Update:	2011-09-06
Spiller Name:	BOB NOVAK
Spiller Company:	BORDER LP
Spiller Address:	1331 BOSTON POST RD
Spiller City,St,Zip:	LARGHMONT, NY
Spiller County:	999
Spiller Contact:	BOB NOVAK
Spiller Phone:	(631) 338-1632
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	405576
DEC Memo:	"6-28-11 Spoke with Gary. This is a commercial property and the owner is in a hurry to close. They will be E, I, & R this 550 UST. They will contact John O'Dee if or when tank is removed. I also asked them to check to see if there were other tanks since this is a larger commercial facility. jm 08/30/11 Northeast Environmental reported

BORDER LP (Continued) **S111063895**

that they removed the tank along with 24.05 tons of contaminated soil. Post excavation soil sample results were below DEC guidance values. NFA. TG"

Remarks: "Failed test. Repair and retest scheduled."

Material:

Site ID:	451038
Operable Unit ID:	1201237
Operable Unit:	01
Material ID:	2197754
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

H33 **NEW YORK STATE THRUWAY AUTHORITY** **NY AST** **A100276789**
WNW **1300 BOSTON POST ROAD** **N/A**
< 1/8 **RYE, NY 10580**
0.123 mi.
648 ft. **Site 5 of 5 in cluster H**

Relative:
Higher

Actual:
23 ft.

WESTCHESTER CO. AST:

PBS Number:	3-600222
Site Status:	Unregulated: <1101 gal. PBS
GDS Number:	Not reported
Operator Name:	Nys Thruway Auth.
Owner Name:	New York State Thruway Authority
Owner Street:	Po Box 189
Owner Address2:	Not reported
Owner City/State/Zip:	Albany, NY 12201-0189
Tank Number:	001
Status:	5. Closed - removed
Date Installation:	07/01/1991
Capacity:	4000
Product Stored:	6. Diesel
Product Stored Percent:	Not reported
Date Perm Closure:	04/01/1993
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:	1. Diking (aboveground only)
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

NEW YORK STATE THRUWAY AUTHORITY (Continued) **A100276789**

Overfill Prevention: 3. Automatic Shut-off
Spill Prevention: Not reported
Dispenser: 2. Suction

K34 **PETCO STORE #3719** **NY MANIFEST** **S118091562**
WNW **1275 BOSTON POST RD** **N/A**
1/8-1/4 **LARCHMONT, NY 10538**
0.132 mi.
699 ft. **Site 1 of 2 in cluster K**

Relative:
Higher

Actual:
36 ft.

NY MANIFEST:
EPA ID: NYR000202515
Country: USA
Location Address 1: 1275 BOSTON POST RD
Location Address 2: Not reported
Location City: LARCHMONT
Location State: NY
Location Zip Code: 10538
Location Zip Code 4: Not reported

Mailing Info:
Name: PETCO STORE #3719
Contact: PETCO STORE #3719
Address: 1275 BOSTON POST RD
City/State/Zip: LARCHMONT, NY 10538
Country: USA
Phone: 914-834-4974

Manifest:

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: CTD983872698
Trans2 State ID: NJR000063677
Generator Ship Date: 06/12/2015
Trans1 Recv Date: 06/12/2015
Trans2 Recv Date: 06/17/2015
TSD Site Recv Date: 06/19/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000202515
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: RID040098352
Waste Code: Not reported
Quantity: 35
Units: P - Pounds
Number of Containers: 1
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2015
Manifest Tracking Num: 007305010FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N

PETCO STORE #3719 (Continued) **S118091562**

Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

K35 **PETCO STORE #3719** **RCRA-CESQG** **1016451664**
WNW **1275 BOSTON POST RD** **FINDS** **NYR000202515**
1/8-1/4 **LARCHMONT, NY 10538** **ECHO**
0.132 mi.
699 ft. **Site 2 of 2 in cluster K**

Relative:
Higher

Actual:
36 ft.

RCRA-CESQG:
Date form received by agency: 08/16/2013
Facility name: PETCO STORE #3719
Facility address: 1275 BOSTON POST RD
LARCHMONT, NY 10538
EPA ID: NYR000202515
Mailing address: SAN FELIPE ST SUITE 1600
HOUSTON, TX 77056
Contact: CHRIS BAKER
Contact address: SAN FELIPE ST SUITE 1600
HOUSTON, TX 77056
Contact country: US
Contact telephone: (713) 625-7015
Contact email: CHRIS.BAKER@PSCNOW.COM
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: DUANE READE
Owner/operator address: 9TH AVE
NEW YORK, NY 10001
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/01/2010
Owner/Op end date: Not reported

Owner/operator name: PETCO STORE #3719
Owner/operator address: Not reported

PETCO STORE #3719 (Continued) **1016451664**

Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/10/2010
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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Violation Status: No violations found

FINDS:

Registry ID: 110056330206

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.

PETCO STORE #3719 (Continued) **1016451664**

ECHO:

Envid:	1016451664
Registry ID:	110056330206
FIPS Code:	36119
EPA Region:	02
Indian Country Flag:	N
Federal Flag:	Not reported
US Mexico Border Flag:	Not reported
Chesapeake Bay Flag:	Not reported
NAA Flag:	Y
Latitude:	40.93769
Longitude:	-73.74553
Map Icon:	RCRA-IC-MN-N.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	CENTER OF A FACILITY OR STATION
Accuracy Meters:	30
Derived Tribes:	Not reported
Derived Huc:	02030102
Derived WBD:	Not reported
Derived STCT FPS:	36119
Derived Zip:	10538
Derived CD113:	16
Derived CB2010:	361190069004007
Percent Minority:	Not reported
Pop Den:	Not reported
Major Flag:	Not reported
Active Flag:	Y
MYRTK Universe:	NNN
Inspection Count:	0
Date Last Inspection:	Not reported
Days Last Inspection:	Not reported
Informal Count:	0
Date Last Informal Action:	Not reported
Formal Action Count:	0
Date Last Formal Action:	Not reported
Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	No Violation
Curr SNC Flag:	N
3yr Compliance Status:	_____
AFS Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not reported
CAA Permit Types:	Not reported
CAA NAICS:	Not reported
CAA SICS:	Not reported
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported

PETCO STORE #3719 (Continued) **1016451664**

CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	Not reported
CAA Curr Compliance Status:	Not reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not reported
NPDES IDS:	Not reported
CWA Permit Types:	Not reported
CWA Compliance Tracking:	Not reported
CWA NAICS:	Not reported
CWA SICS:	Not reported
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	Not reported
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported
CWA Last Penality Amount:	Not reported
CWA Qtrs in NC:	Not reported
CWA Curr Compliance Status:	Not reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not reported
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	NYR000202515
RCRA Permit Types:	CESQG
RCRA NAICS:	45391
RCRA Inspection Count:	Not reported
RCRA Days Last Evaluation:	Not reported
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported
RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	_____
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported
SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported
TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported

PETCO STORE #3719 (Continued) **1016451664**

FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110056330206
Facility SIC Codes:	Not reported
Facility NAICS Codes:	45391
Facility Date Last Inspection EPA:	Not reported
Facility Date Last Inspection State:	Not reported
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	Not reported
Facility Date Last Informal ACT ST:	Not reported
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

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36 **SANITARY SEWER OVERFLOW RETENTION FACILITY** **NY CBS** **S108410925**
WSW **FLINT PARK** **N/A**
1/8-1/4 **LARCHMONT, NY 10538**
0.140 mi.
741 ft.

Relative:
Lower

Actual:
3 ft.

CBS:

CBS Number:	3-000436
Program Type:	CBS
Facility Status:	Active
Expiration Date:	08/25/2016
Dec Region:	3
UTMX:	605637.78087
UTMY:	4532070.30064

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37 **ELKO AUTO REPAIR** **NY UST** **U003885543**
NW **1139 WEST BOSTON POST ROAD** **NY AST** **N/A**
1/8-1/4 **MAMARONECK (T), NY 10543**
0.145 mi.
768 ft.

Relative:
Higher

Actual:
26 ft.

WESTCHESTER CO. UST:

Id/Status:	3-800967 / Active
Operator Name:	Mario Kotlar
Owner Name:	Mario Kotlar
Owner Street:	111 Neptune Avenue
Owner Address2:	Not reported
Owner City:	New Rochelle
Owner State:	NY
Owner Zipcode:	10805
GDS Number:	Not reported
Tank Number:	001
Status:	5. Closed - removed
Capacity:	500
Product Stored:	13. Waste/Used Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	02/23/2006

ELKO AUTO REPAIR (Continued) **U003885543**

Tank Location:	5. Underground
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
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

WESTCHESTER CO. AST:

PBS Number:	3-800967
Site Status:	Active
GDS Number:	Not reported
Operator Name:	Mario Kotlar
Owner Name:	Mario Kotlar
Owner Street:	111 Neptune Avenue
Owner Address2:	Not reported
Owner City/State/Zip:	New Rochelle, NY 10805

Tank Number:	002
Status:	1. In-Service
Date Installation:	05/01/2000
Capacity:	225
Product Stored:	13. 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:	6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	10. Impervious Underlayment
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:	other
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	003
Status:	1. In-Service
Date Installation:	01/01/2002
Capacity:	225
Product Stored:	12. 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

ELKO AUTO REPAIR (Continued) **U003885543**

Tank Leak Detection:	0. None,6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	10. Impervious Underlayment
Piping Location:	0. No Piping
Piping Type:	0. No Piping
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	0. None
Overfill Prevention:	other
Spill Prevention:	0. None
Dispenser:	2. Suction

L38 **RESIDENCE** **NY LTANKS** **S103824828**
SSW **209 HOMMOCKS RD** **N/A**
1/8-1/4 **LARCHMONT, NY**
0.146 mi.
772 ft. **Site 1 of 2 in cluster L**

Relative:
Higher

Actual:
26 ft.

LTANKS:

Site ID:	93627
Spill Number/Closed Date:	9814768 / 1999-05-24
Spill Date:	1999-03-11
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-03-11
CID:	252
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-03-11
Spill Record Last Update:	2012-11-16
Spiller Name:	BONNIE PRESMAN
Spiller Company:	RESIDENCE
Spiller Address:	209 HOMMOCKS RD
Spiller City,St,Zip:	LARCHMONT, NY -
Spiller County:	001
Spiller Contact:	BONNIE PRESMAN
Spiller Phone:	(914) 833-1563
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	83928
DEC Memo:	" 05/24/99 TAKE PRIDE PULLED TANK AND 10.74 TONS OF CONTAMINATED SOIL. NFA "
Remarks:	"REPIPING WILL BE DONE TOMORROW TO REMEDY SITUATION."

Material:

Site ID:	93627
Operable Unit ID:	1075795

RESIDENCE (Continued) **S103824828**

Operable Unit: 01
Material ID: 311442
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 93627
Spill Tank Test: 1546934
Tank Number: Not reported
Tank Size: 1080
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Horner EZ Check I or II

M39 **CON EDISON POLE P8** **RCRA-CESQG 1014396064**
NW **1053 W BOSTON POST RD POLE P8** **NY MANIFEST NYP004182440**
1/8-1/4 **MAMARONECK, NY 10543**
0.148 mi.
779 ft. **Site 1 of 7 in cluster M**

Relative:
Higher

Actual:
29 ft.

RCRA-CESQG:
Date form received by agency: 06/29/2009
Facility name: CON EDISON POLE P8
Facility address: 1053 W BOSTON POST RD POLE P8
MAMARONECK, NY 10543
EPA ID: NYP004182440
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: TIMOTHY REGAN
Contact address: IRVING PL RM 828
NEW YORK, NY 10003
Contact country: US
Contact telephone: (917) 416-5436
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

CON EDISON POLE P8 (Continued) **1014396064**

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

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:

EPA ID:	NYP004182440
Country:	USA
Location Address 1:	1053 W BOSTON POST RD
Location Address 2:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip Code:	Not reported
Location Zip Code 4:	Not reported

Mailing Info:

Name:	CONSOLIDATED EDISON
Contact:	FRANKLYN MURRAY
Address:	4 IRVING PL RM 828
City/State/Zip:	NEW YORK, NY 10003
Country:	USA
Phone:	212-460-2808

Manifest:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	06/29/2009
Trans1 Recv Date:	06/29/2009
Trans2 Recv Date:	06/29/2009
TSD Site Recv Date:	07/08/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004182440
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

CON EDISON POLE P8 (Continued) **1014396064**

TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	100.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000416819GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

J40 **JP MORGAN CHASE BANK** **NY UST** **U003988550**
West **1350 BOSTON POST ROAD** **N/A**
1/8-1/4 **LARCHMONT, NY 10538**
0.149 mi.
787 ft. **Site 2 of 2 in cluster J**

Relative:
Higher

Actual:
16 ft.

WESTCHESTER CO. UST:

Id/Status:	3-801219 / Unregulated: <1101 gal. PBS
Operator Name:	Thomas Otranto
Owner Name:	JPM Chase Bank
Owner Street:	4 Chase Metrotech Center
Owner Address2:	Not reported
Owner City:	Brooklyn
Owner State:	NY
Owner Zipcode:	11245
GDS Number:	Not reported
Tank Number:	01
Status:	5. Closed - removed
Capacity:	2000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1969
Date Perm Closure:	12/23/2005
Tank Location:	5. Underground
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:	2. High Level Alarm
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported

JP MORGAN CHASE BANK (Continued) **U003988550**

Dispenser: 2. Suction

I41 **CARRIAGE CLEANERS** **NY DRYCLEANERS** **S106436990**
NW **1204 WEST BOSTON POST ROAD** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.149 mi.
787 ft. **Site 2 of 3 in cluster I**

Relative:
Higher

Actual:
25 ft.

DRYCLEANERS:

Facility ID:	3-5532-00291
Phone Number:	914-834-3358
Region:	Not reported
Registration Effective Date:	9/24/2003 13:22:51:203
Inspection Date:	07APR23
Install Date:	00
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	Not reported
Current Business:	Not reported

I42 **CARRIAGE DRY CLEANERS INC** **RCRA-CESQG** **1004756954**
NW **1204 W BOSTON POST RD** **US AIRS** **NYD982723058**
1/8-1/4 **MAMARONECK, NY 10543** **FINDS**
0.149 mi. **NY MANIFEST**
787 ft. **Site 3 of 3 in cluster I** **ECHO**

Relative:
Higher

Actual:
25 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	CARRIAGE CLEANERS INC
Facility address:	1204 W BOSTON POST RD MAMARONECK, NY 10543
EPA ID:	NYD982723058
Mailing address:	W BOSTON POST RD MAMARONECK, NY 10543
Contact:	DONG KIM
Contact address:	W BOSTON POST RD MAMARONECK, NY 10543
Contact country:	US
Contact telephone:	(914) 834-3358
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

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

hazardous waste

Owner/Operator Summary:
Owner/operator name: DONG & YANG KIM
Owner/operator address: 1204 W BOSTON POST RD
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: (914) 834-3358
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DONG & YANG KIM
Owner/operator address: 1204 W BOSTON POST RD
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: (914) 834-3358
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: CARRIAGE CLEANERS INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/03/1989
Site name: CARRIAGE CLEANERS INC
Classification: Conditionally Exempt Small Quantity Generator

. 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

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

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

Evaluation Action Summary:
Evaluation date: 08/09/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US AIRS MINOR:
Envid: 1004756954
Region Code: 02
Programmatic ID: AIR NY0000NY3553200291
Facility Registry ID: 110004427479
D and B Number: Not reported
Primary SIC Code: 7216
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 NY0000NY3553200291
Facility Registry ID: 110004427479
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: Not reported
Activity Status Date: 2014-10-19 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Case File Data Entered

Region Code: 02
Programmatic ID: AIR NY0000NY3553200291
Facility Registry ID: 110004427479
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2000-08-16 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 NY0000NY3553200291
Facility Registry ID: 110004427479
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: 2000-08-16 00:00:00

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000NY3553200291
Facility Registry ID: 110004427479
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: 2014-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:

Registry ID: 110004427479

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

NY MANIFEST:
EPA ID: NYD982723058
Country: USA
Location Address 1: 1204 WEST BOSTON POST ROAD
Location Address 2: Not reported
Location City: MAMARONECK
Location State: NY

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Location Zip Code: 10543
Location Zip Code 4: Not reported

Mailing Info:
Name: CARRIAGE CLEANERS INCORPORATED
Contact: DONG HWA KIM
Address: 1204 WEST BOSTON POST ROAD
City/State/Zip: MAMARONECK, NY 10543
Country: USA
Phone: 914-834-3358

Manifest:

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 02/19/2011
Trans1 Recv Date: 02/19/2011
Trans2 Recv Date: 02/25/2011
TSD Site Recv Date: 02/25/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982723058
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: CDX107000000
Waste Code: Not reported
Quantity: 80.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 000013164TAG
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 02/19/2011
Trans1 Recv Date: 02/19/2011
Trans2 Recv Date: 02/25/2011
TSD Site Recv Date: 02/25/2011

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	260.0
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
Year:	2011
Manifest Tracking Num:	000013164TAG
Import Ind:	N
Export Ind:	Y
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	MIK814262374
Generator Ship Date:	02/19/2011
Trans1 Recv Date:	02/19/2011
Trans2 Recv Date:	02/25/2011
TSD Site Recv Date:	02/25/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	80.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000013164TAG
Import Ind:	N
Export Ind:	Y
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	MIK814262374
Generator Ship Date:	06/21/2008
Trans1 Recv Date:	06/21/2008
Trans2 Recv Date:	06/27/2008
TSD Site Recv Date:	06/28/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	80.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003371478JJK
Import Ind:	N
Export Ind:	Y
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	MIK814262374
Generator Ship Date:	08/26/2008
Trans1 Recv Date:	08/26/2008
Trans2 Recv Date:	08/29/2008
TSD Site Recv Date:	08/29/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Waste Code:	Not reported
Quantity:	80.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	004565084JJK
Import Ind:	N
Export Ind:	Y
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	MIK814262374
Generator Ship Date:	06/21/2008
Trans1 Recv Date:	06/21/2008
Trans2 Recv Date:	06/27/2008
TSD Site Recv Date:	06/28/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	130.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003371478JJK
Import Ind:	N
Export Ind:	Y
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	MIK814262374
Generator Ship Date:	02/27/2015
Trans1 Recv Date:	02/27/2015
Trans2 Recv Date:	03/06/2015
TSD Site Recv Date:	03/06/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	90
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2015
Manifest Tracking Num:	012910411JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	MIK814262374
Generator Ship Date:	02/27/2015
Trans1 Recv Date:	02/27/2015
Trans2 Recv Date:	03/06/2015
TSD Site Recv Date:	03/06/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	260
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

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Year:	2015
Manifest Tracking Num:	012910411JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	MIK814262374
Generator Ship Date:	07/14/2015
Trans1 Recv Date:	07/14/2015
Trans2 Recv Date:	07/17/2015
TSD Site Recv Date:	07/17/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	260
Units:	P - Pounds
Number of Containers:	2
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2015
Manifest Tracking Num:	013926001JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD000564906
Trans2 State ID:	MIK814262374
Generator Ship Date:	08/17/2015
Trans1 Recv Date:	08/17/2015

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Trans2 Recv Date:	08/21/2015
TSD Site Recv Date:	08/21/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX107000000
Waste Code:	Not reported
Quantity:	80
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2015
Manifest Tracking Num:	013926009JJK
Import Ind:	N
Export Ind:	Y
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	03/15/2007
Trans1 Recv Date:	03/15/2007
Trans2 Recv Date:	03/22/2007
TSD Site Recv Date:	03/23/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	100
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000027225SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	03/15/2007
Trans1 Recv Date:	03/15/2007
Trans2 Recv Date:	03/22/2007
TSD Site Recv Date:	03/23/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	150
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000027225SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	07/12/2007
Trans1 Recv Date:	07/12/2007
Trans2 Recv Date:	07/26/2007
TSD Site Recv Date:	07/27/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	100
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000050640SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	OKD981588791
Generator Ship Date:	09/12/2007
Trans1 Recv Date:	09/12/2007
Trans2 Recv Date:	09/19/2007
TSD Site Recv Date:	09/21/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	100
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000285716SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000050930
Trans2 State ID: OKD981588791
Generator Ship Date: 09/12/2007
Trans1 Recv Date: 09/12/2007
Trans2 Recv Date: 09/19/2007
TSD Site Recv Date: 09/21/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982723058
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: OHD980587364
Waste Code: Not reported
Quantity: 150
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2007
Manifest Tracking Num: 000285716SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000050930
Trans2 State ID: NJD071629976
Generator Ship Date: 08/07/2007
Trans1 Recv Date: 08/07/2007
Trans2 Recv Date: 08/14/2007
TSD Site Recv Date: 08/15/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982723058
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: OHD980587364
Waste Code: Not reported
Quantity: 60
Units: P - Pounds
Number of Containers: 1

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000455557SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	NYC7242658
Manifest Status:	Not reported
Trans1 State ID:	NYCF7875
Trans2 State ID:	NJT2L230
Generator Ship Date:	07/12/2004
Trans1 Recv Date:	07/12/2004
Trans2 Recv Date:	07/14/2004
TSD Site Recv Date:	07/15/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
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
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
Year:	2004

Document ID:	NYC7145032
Manifest Status:	Not reported
Trans1 State ID:	NYCF7875
Trans2 State ID:	NJT20L8D
Generator Ship Date:	05/07/2004
Trans1 Recv Date:	05/07/2004
Trans2 Recv Date:	05/12/2004
TSD Site Recv Date:	05/13/2004

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
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
Year:	2004

Document ID:	NYC7153020
Manifest Status:	Not reported
Trans1 State ID:	NY47344JF
Trans2 State ID:	856769OH
Generator Ship Date:	11/23/2004
Trans1 Recv Date:	11/23/2004
Trans2 Recv Date:	11/24/2004
TSD Site Recv Date:	11/29/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00125
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
Year:	2004

Document ID:	NYC0997323
Manifest Status:	Completed copy
Trans1 State ID:	DW9495NY
Trans2 State ID:	Not reported
Generator Ship Date:	06/05/1991
Trans1 Recv Date:	06/05/1991
Trans2 Recv Date:	/ /
TSD Site Recv Date:	06/05/1991
Part A Recv Date:	06/14/1991
Part B Recv Date:	06/17/1991
Generator EPA ID:	NYD982723058
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000708172
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	1991

ECHO:

Envid:	1004756954
Registry ID:	110004427479
FIPS Code:	36119
EPA Region:	02
Indian Country Flag:	N
Federal Flag:	N
US Mexico Border Flag:	Not reported
Chesapeake Bay Flag:	Not reported
NAA Flag:	Y
Latitude:	40.93907
Longitude:	-73.744535
Map Icon:	MULT-IC-MN-4.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters:	50
Derived Tribes:	Not reported
Derived Huc:	02030102
Derived WBD:	Not reported
Derived STCT FPS:	36119
Derived Zip:	10543
Derived CD113:	16
Derived CB2010:	361190072004010
Percent Minority:	Not reported
Pop Den:	Not reported
Major Flag:	Not reported
Active Flag:	Y
MYRTK Universe:	NNN
Inspection Count:	1
Date Last Inspection:	08/09/2012
Days Last Inspection:	1137
Informal Count:	0
Date Last Informal Action:	Not reported
Formal Action Count:	0
Date Last Formal Action:	Not reported
Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	No Violation
Curr SNC Flag:	N
3yr Compliance Status:	_____
AFS Flag:	Y
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	NY0000NY3553200291

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

CAA Permit Types:	Minor Emissions
CAA NAICS:	812320
CAA SICS:	7216
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	8
CAA Curr Compliance Status:	No Violation
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	____
NPDES IDS:	Not reported
CWA Permit Types:	Not reported
CWA Compliance Tracking:	Not reported
CWA NAICS:	Not reported
CWA SICS:	Not reported
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	Not reported
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported
CWA Last Penality Amount:	Not reported
CWA Qtrs in NC:	Not reported
CWA Curr Compliance Status:	Not reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not reported
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	NYD982723058
RCRA Permit Types:	CESQG
RCRA NAICS:	Not reported
RCRA Inspection Count:	1
RCRA Days Last Evaluation:	1137
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported
RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	_____
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported
SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported

CARRIAGE DRY CLEANERS INC (Continued) **1004756954**

TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110004427479
Facility SIC Codes:	7216
Facility NAICS Codes:	812320
Facility Date Last Inspection EPA:	Not reported
Facility Date Last Inspection State:	08/09/2012
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	Not reported
Facility Date Last Informal ACT ST:	Not reported
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

M43 **MAMARONECK MOTEL** **NY UST** **U003884686**
NNW **1015 W. BOSTON POST ROAD** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.151 mi.
798 ft. **Site 2 of 7 in cluster M**

Relative:
Higher

Actual:
35 ft.

WESTCHESTER CO. UST:

Id/Status:	3-800536 / Unregulated: <1101 gal. PBS
Operator Name:	J. Rood
Owner Name:	Debra Van Duyne/Barbara Eckstein
Owner Street:	1015 W. Boston Post Road
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	Not reported
Tank Number:	1
Status:	5. 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:	10/01/1999
Tank Location:	5. Underground
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:	9. Copper
Piping External Protection:	0. None
Overfill Prevention:	5. Vent Whistle
Piping Secondary Containment:	Not reported
Spill Prevention:	Not reported

MAMARONECK MOTEL (Continued) **U003884686**

Dispenser: 2. Suction

M44 **MAMARONECK MOTEL** **NY LTANKS** **S106703014**
NNW **1015 WEST BOSTON POST RD** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.151 mi.
798 ft. **Site 3 of 7 in cluster M**

Relative:
Higher

Actual:
35 ft.

LTANKS:

Site ID:	316141
Spill Number/Closed Date:	9900817 / 2000-01-11
Spill Date:	1999-04-21
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	1999-04-21
CID:	282
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-04-21
Spill Record Last Update:	2003-02-04
Spiller Name:	SAME
Spiller Company:	MAMARONECK MOTEL
Spiller Address:	1015 WEST BOSTON POST RD
Spiller City,St,Zip:	MAMARONECK, NY 10543-
Spiller County:	001
Spiller Contact:	DEBBY VANDUYNE
Spiller Phone:	(914) 698-0671
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	254865
DEC Memo:	""
Remarks:	"tank failed the test owner will have it uncovered and isolated and retested."

Material:

Site ID:	316141
Operable Unit ID:	1079570
Operable Unit:	01
Material ID:	557915
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00

MAMARONECK MOTEL (Continued) **S106703014**

Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 316141
Spill Tank Test: 1547092
Tank Number: 1
Tank Size: 2000
Test Method: 03
Leak Rate: 1.80
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Horner EZ Check I or II

45
ESE
1/8-1/4
0.154 mi.
814 ft.

Relative:
Higher

Actual:
23 ft.

PVT DWELLING **NY LTANKS** **S110140603**
1010 GREACEN POINT RD **N/A**
MAMARONECK, NY

LTANKS:
Site ID: 424612
Spill Number/Closed Date: 0911775 / 2010-08-17
Spill Date: 2010-02-04
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6032
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2010-02-04
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2010-02-04
Spill Record Last Update: 2010-08-17
Spiller Name: RICH SPORN
Spiller Company: RICH SPORN
Spiller Address: H 914-261-9898
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: RICH SPORN
Spiller Phone: (212) 986-0411
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 373544
DEC Memo: "2-4-10 Believes it is an air leak. Rich to call Westmore Fuel to uncover tank. jc 3/22/10: Call to dispatch desk from Kathy Morgan at

PVT DWELLING (Continued) **S110140603**

US Tank Tech. This property is the estate of Leonard Green. Contact/executor is Rich Sporn. After initial TTF the tank was repiped by Westmore Fuel and retested. Kathy called dispatch desk to notify DEC that the tank failed the retest earlier today. I called and spoke with the contact, Rich Sporn. He was unaware of the retest failure. I e-mailed him a list of remedial contractors and discussed options to address the spill issue. jod 8/17/2010: DEC reviewed closure information received from EnviroShield. The leaking UST was removed, a total of 419.24 tons of petroleum contaminated soil excavated and disposed of, final soil and GW sample results were below recommended clean up objectives. Report to be entered into eDocs. Based upon the information provided, no further action is required at this time. jod"

Remarks: "1000gal ust"

Material:

Site ID:	424612
Operable Unit ID:	1180377
Operable Unit:	01
Material ID:	2174263
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

M46 **MAMARONECK SCHOOL** **NY LTANKS** **S100139747**
NNW **1000 WEST BOSTON POST RD** **NY Spills** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.158 mi.
835 ft. **Site 4 of 7 in cluster M**

Relative:
Higher

Actual:
33 ft.

LTANKS:

Site ID:	156172
Spill Number/Closed Date:	8708000 / 1988-06-02
Spill Date:	1987-12-15
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	1988-06-01
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	jeokesso
Referred To:	Not reported
Reported to Dept:	1987-12-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1988-06-01

MAMARONECK SCHOOL (Continued) **S100139747**

Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-12-22
Spill Record Last Update:	2003-10-31
Spiller Name:	DICK GARDNER
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	132184
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was OKESSON / / : TO ESCAVATE AND RETEST. "
Remarks:	"15K HIGH LEAK LEVEL; 25K HIGH LEAK LEVEL. UPDATE:06-01-88 RETEST: TESTED LINES W/NITROGEN, PASSED. N.F.A. J.OK."

Material:

Site ID:	156172
Operable Unit ID:	913587
Operable Unit:	01
Material ID:	551986
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Pounds
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	156172
Spill Tank Test:	1532687
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Unknown

SPILLS:

Facility ID:	9300800
Facility Type:	ER
DER Facility ID:	132184
Site ID:	61349
DEC Region:	3
Spill Date:	1993-04-15
Spill Number/Closed Date:	9300800 / 1993-04-19

MAMARONECK SCHOOL (Continued) **S100139747**

Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1993-04-16
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Local Agency
Cleanup Ceased:	1993-04-19
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:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"CONTAINED ON CONCRETE FLOOR CLEAN UP COMPLETE CONTRACTOR TO PICK UP SORBENTS"

Material:

Site ID:	61349
Operable Unit ID:	982538
Operable Unit:	01
Material ID:	401541
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

M47 **MAMARONECK HIGH SCHOOL** **NY UST** **U003994711**
NNW **1000 W BOSTON POST RD** **N/A**
1/8-1/4 **MAMARONECK, NY 10543**
0.158 mi.
835 ft. **Site 5 of 7 in cluster M**

Relative:
Higher

Actual:
33 ft.

WESTCHESTER CO. UST:

Id/Status:	3-409537 / Unregulated: <1101 gal. PBS
Operator Name:	Frank Dominelli
Owner Name:	Mamaroneck Union Free School District
Owner Street:	1000 W Boston Post Rd
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	Not reported
Tank Number:	1
Status:	5. Closed - removed
Capacity:	15000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1969
Date Perm Closure:	08/01/1993
Tank Location:	5. Underground
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:	5. Closed - removed
Capacity:	25000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1960
Date Perm Closure:	08/01/1993
Tank Location:	5. Underground
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

MAMARONECK HIGH SCHOOL (Continued) **U003994711**

Tank Number:	3
Status:	5. Closed - removed
Capacity:	20000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1967
Date Perm Closure:	08/01/1993
Tank Location:	5. Underground
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

M48 **MAMARONECK UNION FREE SCHOOL** **RCRA NonGen / NLR** **1001028988**
NNW **1000 W BOSTON POST RD** **NY MANIFEST** **NYR000012203**
1/8-1/4 **MAMARONECK, NY 10543**
0.158 mi.
835 ft. **Site 6 of 7 in cluster M**

Relative:
Higher

Actual:
33 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MAMARONECK UNION FREE SCHOOL
Facility address:	1000 W BOSTON POST RD MAMARONECK, NY 105433399
EPA ID:	NYR000012203
Mailing address:	W BOSTON POST RD MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	W BOSTON POST 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:	MAMARONECK UNION FREE SCHOOL
Owner/operator address:	1000 W BOSTON POST RD MAMARONECK, NY 10543
Owner/operator country:	US
Owner/operator telephone:	(914) 698-9000
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2001
Owner/Op end date:	Not reported

Owner/operator name:	MAMARONECK UNION FREE SCHOOL

MAMARONECK UNION FREE SCHOOL (Continued) **1001028988**

Owner/operator address: 1000 W BOSTON POST RD
MAMARONECK, NY 10543
Owner/operator country: US
Owner/operator telephone: (914) 698-9000
Legal status: Municipal
Owner/Operator Type: Operator
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: MAMARONECK UNION FREE SCHOOL
Classification: Not a generator, verified

Date form received by agency: 09/12/2002
Site name: MAMARONECK UNION FREE SCHOOL
Classification: Small Quantity Generator

Date form received by agency: 07/08/1999
Site name: MAMARONECK UNION FREE SCHOOL
Classification: Not a generator, verified

Date form received by agency: 08/23/1995
Site name: MAMARONECK UNION FREE SCHOOL
Classification: Small Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000012203
Country: USA
Location Address 1: 1000 BOSTON POST ROAD
Location Address 2: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip Code: 10543
Location Zip Code 4: Not reported

MAMARONECK UNION FREE SCHOOL (Continued) **1001028988**

Mailing Info:
Name: MAMARONECK HIGH SCHOOL
Contact: GEORGE MCNALLY
Address: 1000 BOSTON POST ROAD
City/State/Zip: MAMARONECK, NY 10543
Country: USA
Phone: 914-777-7703

NY MANIFEST:
No Manifest Records Available

49
SE
1/8-1/4
0.158 mi.
836 ft.

Relative:
Higher

Actual:
7 ft.

CON EDISON POLE 31 **RCRA NonGen / NLR 1010326962**
1185 GREACEN POINT RD POLE 31 **NY MANIFEST NYP004143939**
MAMARONECK, NY 10543

RCRA NonGen / NLR:
Date form received by agency: 11/17/2006
Facility name: CON EDISON POLE 31
Facility address: 1185 GREACEN POINT RD POLE 31
MAMARONECK, NY 10543
EPA ID: NYP004143939
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: ANDREW FIORE
Contact address: 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: 11/16/2006
Site name: CON EDISON
Classification: Not a generator, verified

CON EDISON POLE 31 (Continued) **1010326962**

Date form received by agency: 11/15/2006
Site name: CON EDISON
Classification: Unverified

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP004143939
Country: USA
Location Address 1: 1185 GRUACEN POINT
Location Address 2: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip Code: Not reported
Location Zip Code 4: Not reported

Mailing Info:
Name: CONSOLIDATED EDISON
Contact: FRANKLYN MURRAY
Address: 4 IRVING PL RM 828
City/State/Zip: NEW YORK, NY 10003
Country: USA
Phone: 212-460-2808

Manifest:

Document ID: NYG3686337
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 07/29/2006
Trans1 Recv Date: 07/29/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/04/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004143939
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NYD077444263
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00400
Units: K - Kilograms (2.2 pounds)
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2006

50
SSE
1/8-1/4
0.162 mi.
855 ft.

WETZEL - REAL ESTATE TTF
1248 GREACEN POINT RD
MAMARONECK, NY

NY LTANKS **S117853865**
N/A

Relative:
Higher

Actual:
7 ft.

LTANKS:

Site ID:	507570
Spill Number/Closed Date:	1501371 / 2015-07-31
Spill Date:	2015-05-07
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	6032
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2015-05-07
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2015-05-07
Spill Record Last Update:	2015-07-31
Spiller Name:	WETZEL
Spiller Company:	Wetzel
Spiller Address:	1248 GREACEN POINT RD
Spiller City,St,Zip:	MAMARONECK, NN
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	462321
DEC Memo:	"5/7/15 - Property is going through real estate transaction. To uncover, repair and retest. KAB 7/31/15: UST removed by Hudson Valley Environmental. No evidence of leak or significant contamination was found. Tank Closure report entered into DecDocs. Based upon the information provided, no further action is required at this time. jod"
	Not reported
Remarks:	"1000 gal ust"

Material:

Site ID:	507570
Operable Unit ID:	1256900
Operable Unit:	01
Material ID:	2259868
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons

WETZEL - REAL ESTATE TTF (Continued) **S117853865**

Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

N51 **RICHARD WITTEN** **NY LTANKS** **S105054678**
East **940 GREACEN POINT RD** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.165 mi.
873 ft. **Site 1 of 3 in cluster N**

Relative:
Higher

Actual:
24 ft.

LTANKS:
Site ID: 240017
Spill Number/Closed Date: 0100725 / 2001-11-26
Spill Date: 2001-04-19
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6032
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2001-04-19
CID: 403
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2001-04-19
Spill Record Last Update: 2002-02-07
Spiller Name: RICHARD WITTEN
Spiller Company: RICHARD WITTEN
Spiller Address: 940 GREACEN POINT RD
Spiller City,St,Zip: MAMARONECK, ZZ
Spiller County: 001
Spiller Contact: RICHARD WITTEN
Spiller Phone: (914) 698-2560
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 197430
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 04/19/2001 MR. WITTEN REPORTED THAT THE TANK WILL NOT BE REMOVED BY RESIDENTIAL OIL. 11/26/2001 RESIDENTIAL OIL COMPLETED CLEANUP. DISPOSED OF 442.17 TONS OF CONTAMINATED SOIL. NO FURTHER ACTION."
Remarks: "TANK ABANDOMENT BEING DONE AND FOUND THE FAILURE."

Material:
Site ID: 240017
Operable Unit ID: 837626
Operable Unit: 01

RICHARD WITTEN (Continued) **S105054678**

Material ID:	536437
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

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52 **RESIDENCE** **NY LTANKS** **S100878869**
ENE **761 FOREST** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.168 mi.
885 ft.

Relative:
Higher

Actual:
22 ft.

LTANKS:

Site ID:	236722
Spill Number/Closed Date:	9313233 / 1997-11-14
Spill Date:	1994-02-07
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1994-02-07
CID:	Not reported
Water Affected:	SHELDRAKE
Spill Notifier:	Health Department
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-02-28
Spill Record Last Update:	1997-12-22
Spiller Name:	Not reported
Spiller Company:	MRS. VOLPE
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	195014
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"904 GAL ON 2/5 640 GAL ON 2/7 APPROX. 200 GAL LEAK FROM UNDERGROUND TANK SEEPING INTO STREAM BEHIND 769 FOREST AVE."

RESIDENCE (Continued) **S100878869**

Material:

Site ID:	236722
Operable Unit ID:	995113
Operable Unit:	01
Material ID:	388622
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

53
NNW
1/8-1/4
0.168 mi.
886 ft.

ORIENTA GARDENS OWNERS, INC. **NY AST** **U003884885**
953 WEST BOSTON POST ROAD **N/A**
MAMARONECK, NY 10543

Relative:
Higher

Actual:
38 ft.

WESTCHESTER CO. AST:

PBS Number:	3-175560
Site Status:	Administratively Closed
GDS Number:	Not reported
Operator Name:	Felipe Garcia
Owner Name:	Not reported
Owner Street:	953 West Boston Post Road
Owner Address2:	Not reported
Owner City/State/Zip:	Mamaronce, NY 10543
Tank Number:	1
Status:	4. Closed - in place
Date Installation:	12/01/1962
Capacity:	10000
Product Stored:	2. No. 4 fuel oil
Product Stored Percent:	Not reported
Date Perm Closure:	10/29/2010
Tank Location:	2. Aboveground (contact w/ impervious barrier)
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:	2. Vault (w/ access)
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Piping Leak Detection:	7. Exempt suction piping
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

L54
SSW
1/8-1/4
0.168 mi.
888 ft.

BRUCE LISTCHULTZ
220 HOMMOCKS RD
LARCHMONT, NY

Site 2 of 2 in cluster L

NY LTANKS **S105999783**
N/A

Relative:
Higher

Actual:
24 ft.

LTANKS:

Site ID:	287987
Spill Number/Closed Date:	0305908 / 2004-05-10
Spill Date:	2003-09-04
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2003-09-04
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-09-04
Spill Record Last Update:	2004-05-19
Spiller Name:	OWNER
Spiller Company:	BRUCE LISTCHULTZ
Spiller Address:	220 HOMMOCKS RD
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	233273
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-JACKSON 09/11/03 TWO TANKS, ONE 1,500 GALLON AND ONE 2,000 GALLON. UNREGISTERED PBS. 01/05/04 TWO TANKS WERE REPORTEDLY REMOVED BY HOME OWNER WITHOUT REGISTERING THEM OR FILING FOR PERMITS. WESTCHESTER COUNTY DA'S OFFICE NOW INVOLVED. STEFAN GOREAU OF WCHD HAS BEEN ON SITE. 5/18/04: Letter to Bruce Listchultz from Danielle Jackson, WCDOH dated 10May2004. Report from Phoenix Env submitted on 15Apr2004 has been reviewed. WCDOH recommends NFA at this time."
Remarks:	""

Material:

Site ID:	287987
Operable Unit ID:	874475
Operable Unit:	01
Material ID:	503143
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

BRUCE LISTCHULTZ (Continued) **S105999783**

Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 287987
Spill Tank Test: 1528638
Tank Number: Not reported
Tank Size: 1000
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Horner EZ Check I or II

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55 **PRIVATE HOME** **NY LTANKS** **S108983096**
NE **626 STILES AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.184 mi.
973 ft.

Relative:
Higher

Actual:
24 ft.

LTANKS:
Site ID: 392249
Spill Number/Closed Date: 0710880 / 2008-05-01
Spill Date: 2008-01-14
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6032
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2008-01-14
CID: 408
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: Not reported
Remediation Phase: 0
Date Entered In Computer: 2008-01-14
Spill Record Last Update: 2008-05-01
Spiller Name: LILLIAN DELVITO - BROKER
Spiller Company: PRIVATE HOME
Spiller Address: 626 STILES AVE
Spiller City,St,Zip: MAMARONECK, NY 10543
Spiller County: 001
Spiller Contact: LILLIAN DELVITO - BROKER
Spiller Phone: (914) 833-0420
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 341845

PRIVATE HOME (Continued) **S108983096**

DEC Memo: "May 1, 2008: Northeast Enviro removed and disposed of tank. No evidence of leak or contamination was found. Based upon information provided to DEC, No Further Action is required at this time. jod"
Remarks: "RECOMMEND UNCOVER, REPAIR, RETEST;"

Material:
Site ID: 392249
Operable Unit ID: 1149269
Operable Unit: 01
Material ID: 2139786
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 392249
Spill Tank Test: 2384482
Tank Number: Not reported
Tank Size: 550
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified: Not reported
Test Method: Horner EZ Check I or II

M56 **MAMARONECK H.S.** **NY LTANKS** **S102674061**
NW **RT 1 BOSTON POST ROAD** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.192 mi.
1012 ft. **Site 7 of 7 in cluster M**

Relative:
Higher

Actual:
31 ft.

LTANKS:
Site ID: 234044
Spill Number/Closed Date: 9306257 / 1994-05-24
Spill Date: 1993-08-20
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 6032
Investigator: jkomara
Referred To: Not reported
Reported to Dept: 1993-08-23
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported

MAMARONECK H.S. (Continued) **S102674061**

Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-08-24
Spill Record Last Update:	1999-01-16
Spiller Name:	Not reported
Spiller Company:	MAMARONECK H.S.
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	192840
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'MARA SITE ASSESSMENT, ALL LEVELS BELOW STARS"
Remarks:	"DISCOVERED SOIL IN TANK PULL TO STOCKPILE"

Material:

Site ID:	234044
Operable Unit ID:	984404
Operable Unit:	01
Material ID:	396140
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	55.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

N57 **WESTCHESTER DAY SCHOOL** **NY UST** **1004572243**
East **865 ORIENTAL AVE** **ICIS** **N/A**
1/8-1/4 **MAMARONECK, NY 10543** **FINDS**
0.193 mi. **ECHO**
1019 ft. **Site 2 of 3 in cluster N**

Relative:
Higher

Actual:
19 ft.

WESTCHESTER CO. UST:

Id/Status:	3-164275 / Active
Operator Name:	Westchester Day School
Owner Name:	Westchester Religious Institute
Owner Street:	856 Orienta Avenue
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	Not reported
Tank Number:	1
Status:	5. Closed - removed
Capacity:	3000

WESTCHESTER DAY SCHOOL (Continued) **1004572243**

Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	09/13/1999
Tank Location:	5. Underground
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

Tank Number:	1-new
Status:	1. In-Service
Capacity:	2000
Product Stored:	1. No. 2 fuel oil
Product Stored Percent:	Not reported
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	09/01/1999
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground
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:	9. Copper
Piping External Protection:	2. Original sacrificial anode
Overfill Prevention:	5. Vent Whistle
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	3. Gravity

Tank Number:	2
Status:	5. Closed - removed
Capacity:	5000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1965
Date Perm Closure:	02/07/2008
Tank Location:	5. Underground
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

WESTCHESTER DAY SCHOOL (Continued) **1004572243**

Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 3. Gravity

Tank Number: 2-new
Status: 1. In-Service
Capacity: 5000
Product Stored: 1. No. 2 fuel oil
Product Stored Percent: 0
Tank Leak Detection: 1. Electronic Interstitial Monitoring
Date Installation: 02/29/2008
Date Perm Closure: 01/01/1900
Tank Location: 5. Underground
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: Not reported
Tank External Protection: 9. Urethane
Tank Secondary Containment: 4. Double-Walled (underground only)
Piping Location: 2. Underground/on ground
Piping Type: 9. Copper
Piping External Protection: 9. Urethane
Overfill Prevention: 2. High Level Alarm
Piping Secondary Containment: 4. Double-Walled (underground only)
Spill Prevention: 1. Catch Basin
Dispenser: 3. Gravity

ICIS:
Enforcement Action ID: 02-1986-0273
FRS ID: 110010761933
Program ID: FRS 110010761933
Action Name: WESTCHESTER DAY SCHOOL
Full Address: 865 ORIENTAL AVE MAMARONECK NY 10543
State: New York
Facility Name: WESTCHESTER DAY SCHOOL
Facility Address: 865 ORIENTAL AVE
MAMARONECK, NY 10543
Enforcement Action Type: TSCA 16 Action For Penalty
Facility County: WESTCHESTER
EPA Region #: 2

Program ID: FRS 110010761933
Facility Name: WESTCHESTER DAY SCHOOL
Address: 865 ORIENTAL AVE
Tribal Indicator: N
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: Not reported

FINDS:

Registry ID: 110010761933

Environmental Interest/Information System
ICIS (Integrated Compliance Information System) is the Integrated

WESTCHESTER DAY SCHOOL (Continued) **1004572243**

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.

ECHO:

Envid:	1004572243
Registry ID:	110010761933
FIPS Code:	36119
EPA Region:	02
Indian Country Flag:	N
Federal Flag:	N
US Mexico Border Flag:	Not reported
Chesapeake Bay Flag:	Not reported
NAA Flag:	Y
Latitude:	40.934067
Longitude:	-73.729984
Map Icon:	NONE-UNK-MN-N.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters:	50
Derived Tribes:	Not reported
Derived Huc:	02030102
Derived WBD:	020301020203
Derived STCT FPS:	36119
Derived Zip:	10543
Derived CD113:	16
Derived CB2010:	361190072002006
Percent Minority:	28.822
Pop Den:	4528.23
Major Flag:	Not reported
Active Flag:	Not reported
MYRTK Universe:	NNN
Inspection Count:	0
Date Last Inspection:	Not reported
Days Last Inspection:	Not reported
Informal Count:	0
Date Last Informal Action:	Not reported
Formal Action Count:	0
Date Last Formal Action:	09/05/1986
Total Penalties:	0
Penalty Count:	Not reported
Date Last Penalty:	09/05/1986
Last Penalty Amount:	1500
QTRS in NC:	Not reported
Programs in SNC:	0
Curr Compliance Status:	Not reported

WESTCHESTER DAY SCHOOL (Continued) **1004572243**

Curr SNC Flag:	N
3yr Compliance Status:	Not reported
AFS Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not reported
CAA Permit Types:	Not reported
CAA NAICS:	Not reported
CAA SICS:	Not reported
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	Not reported
CAA Curr Compliance Status:	Not reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not reported
NPDES IDS:	Not reported
CWA Permit Types:	Not reported
CWA Compliance Tracking:	Not reported
CWA NAICS:	Not reported
CWA SICS:	Not reported
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	Not reported
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported
CWA Last Penality Amount:	Not reported
CWA Qtrs in NC:	Not reported
CWA Curr Compliance Status:	Not reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not reported
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	Not reported
RCRA Permit Types:	Not reported
RCRA NAICS:	Not reported
RCRA Inspection Count:	Not reported
RCRA Days Last Evaluation:	Not reported
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported
RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	Not reported
RCRA Curr Compliance Status:	Not reported
RCRA Curr SNC Flag:	N

WESTCHESTER DAY SCHOOL (Continued) **1004572243**

RCRA 3yr Compl Qtrs Status:	Not reported
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported
SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported
TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	02-1986-0273
FEC Number of Cases:	Not reported
FEC Last Case Date:	09/05/1986
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110010761933
Facility SIC Codes:	Not reported
Facility NAICS Codes:	Not reported
Facility Date Last Inspection EPA:	Not reported
Facility Date Last Inspection State:	Not reported
Facility Date Last Formal ACT EPA:	09/05/1986
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	Not reported
Facility Date Last Informal ACT ST:	Not reported
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

N58 **WESTCHESTER DAY SCHOOL** **NY LTANKS** **U003645812**
East **856 ORIENTA AVE** **NY Spills** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.193 mi.
1019 ft. **Site 3 of 3 in cluster N**

Relative:
Higher

Actual:
19 ft.

LTANKS:

Site ID:	156353
Spill Number/Closed Date:	9809847 / 2000-01-11
Spill Date:	1998-11-02
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	1998-11-05
CID:	270
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0

WESTCHESTER DAY SCHOOL (Continued) **U003645812**

Date Entered In Computer: 1998-11-05
Spill Record Last Update: 2000-02-04
Spiller Name: ROBERT CRIST
Spiller Company: WESTCHESTER DAY SCHOOL
Spiller Address: 856 ORIENTA AVE
Spiller City,St,Zip: MAMARONECK, NY
Spiller County: 001
Spiller Contact: ROBERT CRIST
Spiller Phone: (914) 698-8900
Spiller Extention: 102
DEC Region: 3
DER Facility ID: 132336
DEC Memo: ""
Remarks: "12/11/98 Awaiting tank removal and closure report."

Material:
Site ID: 156353
Operable Unit ID: 1067108
Operable Unit: 01
Material ID: 313742
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 156353
Spill Tank Test: 1546498
Tank Number: 1
Tank Size: 3000
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Horner EZ Check I or II

SPILLS:
Facility ID: 1112697
Facility Type: ER
DER Facility ID: 132336
Site ID: 460650
DEC Region: 3
Spill Date: 2012-02-03
Spill Number/Closed Date: 1112697 / 2012-02-06
Spill Cause: Human Error
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 6032
Investigator: jbodee

WESTCHESTER DAY SCHOOL (Continued) **U003645812**

Referred To:	Not reported
Reported to Dept:	2012-02-03
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
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:	2012-02-03
Spill Record Last Update:	2012-02-06
Spiller Name:	Not reported
Spiller Company:	BURKE HEAT
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	GORDON MOCCIO
Contact Phone:	Not reported
DEC Memo:	"2/3/12- Left message for call back, 914-447-3191. DT Call back from Gordon. Tank overfill; product out of fill pipe onto concrete and then into some soil along concrete pad. Concrete being cleaned and impacted soil being removed. he has notifed Bob at School of cleanup action and also notified WCDOH. Spill amount is 2-3 gals. DT 2/3/12: Received a phone call from Paul Basso of Milro Associates. They have been contacted by Burke and are responding to the scene. Will update DEC. jod >>> Paul Basso pbasso@milroassoc.com> 2/6/2012 8:44 AM >>> Milro responded to a spill for Burke on Friday 2/3 at the Westchester Day School, 856 Orienta Ave, Mamaroneck. Burke estimated 3-5 gallons of oil was released from the tank vent pipe due to an overfill. Milro responded for emergency service and excavated 1 yard of oil contaminated soil from the area around the vent pipe. PID readings indicate the soil removal is done. We are backfilling the area today because it is in an area the kids use daily. PID readings were all 0 ppm. Paul Basso Milro Associates jod "
Remarks:	"clean up underway"

Material:

Site ID:	460650
Operable Unit ID:	1210751
Operable Unit:	01
Material ID:	2208418
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

WESTCHESTER DAY SCHOOL (Continued) **U003645812**

Facility ID:	0812571
Facility Type:	ER
DER Facility ID:	361263
Site ID:	410195
DEC Region:	3
Spill Date:	2009-02-17
Spill Number/Closed Date:	0812571 / 2009-10-07
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	JKOMARA
Referred To:	Not reported
Reported to Dept:	2009-02-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
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:	2009-02-18
Spill Record Last Update:	2009-10-07
Spiller Name:	BOB PRICE
Spiller Company:	WESTCHESTER DAY SCHOOL
Spiller Address:	856 ORIENTA AVE
Spiller City,St,Zip:	MAMARONECK, NY
Spiller Company:	999
Contact Name:	BOB PRICE
Contact Phone:	(914) 698-8900 115
DEC Memo:	"2/18/09 Grazi-1 doing investigation around UST, which is registered as a WCHD PBS site. dw "
Remarks:	"Caller states during testing impacted soils were found. Further investigation is ongoing."

Material:

Site ID:	410195
Operable Unit ID:	1166691
Operable Unit:	01
Material ID:	2158184
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	0711713

WESTCHESTER DAY SCHOOL (Continued) **U003645812**

Facility Type:	ER
DER Facility ID:	132336
Site ID:	393234
DEC Region:	3
Spill Date:	2008-02-06
Spill Number/Closed Date:	0711713 / 2008-05-02
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	WCHD
Referred To:	GRAZIOLI
Reported to Dept:	2008-02-06
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
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:	2008-02-06
Spill Record Last Update:	2008-05-02
Spiller Name:	RICHARD KUHLMAN
Spiller Company:	DAY SCHOOL
Spiller Address:	856 ORIENTAL AVE
Spiller City,St,Zip:	MAMARONECK, NY
Spiller Company:	001
Contact Name:	RICHARD KUHLMAN
Contact Phone:	(914) 490-5192
DEC Memo:	"04/23/08 Recommended for closure by Marc Grazioli WCHD. TG"
Remarks:	"VISIBLE SIGNS OF LEAKAGE AND HOLES IN TANK"

Material:

Site ID:	393234
Operable Unit ID:	1150202
Operable Unit:	01
Material ID:	2140790
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	393234
Spill Tank Test:	2384633
Tank Number:	Not reported
Tank Size:	5000
Test Method:	00
Leak Rate:	.00

WESTCHESTER DAY SCHOOL (Continued) **U003645812**

Gross Fail: Not reported
Modified By: Watchdog
Last Modified: Not reported
Test Method: Unknown

59
West
1/8-1/4
0.208 mi.
1100 ft.

CAR QUEST AUTO PARTS **NY UST** **U004193704**
1395 BOSTON POST ROAD **N/A**
LARCHMONT, NY 10538

Relative:
Higher

Actual:
24 ft.

WESTCHESTER CO. UST:
Id/Status: 3-801826 / Unregulated
Operator Name: Irwin Stockel
Owner Name: Ijan 2 NY Realty LLC
Owner Street: 215 Business Park Drive
Owner Address2: Not reported
Owner City: Armonk
Owner State: NY
Owner Zipcode: 10504
GDS Number: Not reported

Tank Number: 1000
Status: 5. Closed - removed
Capacity: 1000
Product Stored: 1. No. 2 fuel oil
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 01/01/1991
Date Perm Closure: 02/05/2013
Tank Location: 5. Underground
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: 3. Gravity

Tank Number: 2000
Status: 5. Closed - removed
Capacity: 2000
Product Stored: 1. No. 2 fuel oil
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 01/01/1991
Date Perm Closure: 02/06/2013
Tank Location: 5. Underground
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 0. None
Tank Secondary Containment: 0. None

CAR QUEST AUTO PARTS (Continued) **U004193704**

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:	3. Gravity

60
NW
1/8-1/4
0.208 mi.
1100 ft.

MAMARONECK GARDENS, INC. **NY UST** **U003994709**
100-348 RICHBELL PALMERS ROAD **N/A**
MAMARONECK, NY 10543

Relative:
Higher

Actual:
33 ft.

WESTCHESTER CO. UST:

Id/Status:	3-177849 / Unregulated: <1101 gal. PBS
Operator Name:	Aurelio Aviles
Owner Name:	Mamaroneck Gardens, Inc. C/o Prime Locations Inc.
Owner Street:	733 Yonkers Avenue
Owner Address2:	Not reported
Owner City:	Yonkers
Owner State:	NY
Owner Zipcode:	10704
GDS Number:	Not reported
Tank Number:	1
Status:	4. Closed - in place
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1948
Date Perm Closure:	06/09/2004
Tank Location:	5. Underground
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:	2
Status:	5. Closed - removed
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1948
Date Perm Closure:	06/30/2004
Tank Location:	5. Underground
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None

MAMARONECK GARDENS, INC. (Continued) **U003994709**

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:	3
Status:	5. Closed - removed
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1948
Date Perm Closure:	06/24/2004
Tank Location:	5. Underground
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:	4
Status:	5. Closed - removed
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1948
Date Perm Closure:	04/08/2004
Tank Location:	5. Underground
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:	5
Status:	4. Closed - in place

MAMARONECK GARDENS, INC. (Continued) **U003994709**

Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1948
Date Perm Closure:	06/09/2004
Tank Location:	5. Underground
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:	6
Status:	5. Closed - removed
Capacity:	3500
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1948
Date Perm Closure:	06/28/2004
Tank Location:	5. Underground
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:	7
Status:	4. Closed - in place
Capacity:	1000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	07/01/2002
Date Perm Closure:	04/07/2004
Tank Location:	5. Underground
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

MAMARONECK GARDENS, INC. (Continued) **U003994709**

Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	7-OLD
Status:	5. Closed - removed
Capacity:	3500
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1948
Date Perm Closure:	06/02/2002
Tank Location:	5. Underground
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

Tank Number:	8
Status:	5. Closed - removed
Capacity:	3500
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	01/01/1948
Date Perm Closure:	04/16/2004
Tank Location:	5. Underground
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

61
SSE
1/8-1/4
0.209 mi.
1106 ft.

KOEPPEL RESIDENCE
1308 GREACEN POINT RD
MAMARONECK, NY

NY LTANKS **S113406287**
N/A

Relative:
Higher

Actual:
7 ft.

LTANKS:

Site ID:	479089
Spill Number/Closed Date:	1215758 / 2013-06-10
Spill Date:	2013-02-21
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2013-02-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2013-02-21
Spill Record Last Update:	2013-06-10
Spiller Name:	Not reported
Spiller Company:	PROPERTY OWNER
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	MAUREEN KOEPPEL
Spiller Phone:	(914) 698-4140
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	60018
DEC Memo:	"2-21-13 Spoke with Kathi. 2 - 1k tanks which both failed. Main house failed with bubbling. Generator tank failed with hissing. Robison is oil company. Woman is selling house (approx 14,000 sq ft) due to recent death of spouse. jm Called and spoke with Nick at Robison Oil. They will be in touch with homeowner and give them their options. Robison will contact DEC White Plains with further info. jm 5/21/13: Tank removed by Northeast. Soil contamination evident. Duplicate Spill 1301773 reported. jod 6/10/13: NOTE: Tank #1 Main house UST removed by Northeast and found to be leaking. That remediation will be handled under Spill 1301773. Tank #2 Generator tank was repiped and passed a retest. That second tank will be this Spill number. See edocs for retest report. Based upon the information provided, no further action is required at this time. jod"
Remarks:	"2 tanks on property both u/g - both failed - repair/retest pending"

Material:

Site ID:	479089
Operable Unit ID:	1228832
Operable Unit:	01
Material ID:	2226560

KOEPPEL RESIDENCE (Continued) **S113406287**

Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	479089
Spill Tank Test:	2493544
Tank Number:	1
Tank Size:	1000
Test Method:	21
Leak Rate:	1.00
Gross Fail:	Not reported
Modified By:	jbodee
Last Modified:	Not reported
Test Method:	Horner EZY3/EZY3 Locator Plus
Site ID:	479089
Spill Tank Test:	2493545
Tank Number:	2
Tank Size:	1000
Test Method:	21
Leak Rate:	.50
Gross Fail:	Not reported
Modified By:	jbodee
Last Modified:	Not reported
Test Method:	Horner EZY3/EZY3 Locator Plus

O62 **BENZER RESIDENCE** **NY LTANKS** **S102232807**
NNE **412 RUSHMORE AVE** **N/A**
1/8-1/4 **MAMARONECK, NY**
0.226 mi.
1192 ft. **Site 1 of 3 in cluster O**

Relative:
Higher

Actual:
11 ft.

LTANKS:

Site ID:	214842
Spill Number/Closed Date:	9608118 / 1996-11-21
Spill Date:	1996-09-30
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-09-30
CID:	312
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported

BENZER RESIDENCE (Continued) **S102232807**

Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-09-30
Spill Record Last Update:	1998-12-28
Spiller Name:	Not reported
Spiller Company:	WILLIAM BINTZER
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	WILLIAM BINTZER
Spiller Phone:	(914) 381-5312
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	177986
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 11/21/96 TTF; TANK & CONTAMINATED SOIL REMOVED; SEE SPILL # 9603065. "
Remarks:	"holes found in tank - unk qty leaked into soil"

Material:

Site ID:	214842
Operable Unit ID:	1036377
Operable Unit:	01
Material ID:	343863
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	250938
Spill Number/Closed Date:	9603065 / 1996-11-21
Spill Date:	1996-06-04
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-06-04
CID:	297
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False

BENZER RESIDENCE (Continued) **S102232807**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-06-04
Spill Record Last Update:	1996-12-16
Spiller Name:	WILLIAM BENZER
Spiller Company:	RESIDENCE
Spiller Address:	412 RUSHMORE AV
Spiller City,St,Zip:	MAMARONECK, NY 10543-
Spiller County:	001
Spiller Contact:	WILLIAM BENZER
Spiller Phone:	(914) 381-5312
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	177986
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 11/21/96 TTF; NES REMOVED TANK AND CONTAMINATED SOIL; SEE SPILL # 9603065. "
Remarks:	"COMPANY TESTED TANK AND DISCOVERED A GROSS FAILURE - THE TANK WILL BE REMOVED"

Material:

Site ID:	250938
Operable Unit ID:	1030611
Operable Unit:	01
Material ID:	349303
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

O63 **NICHOLS YACHT YARD INC** **NY LTANKS** **S103824084**
NNE **500 RUSHMORE AVE** **NY Spills** **N/A**
1/8-1/4 **MAMARONECK, NY 10543** **NY SPDES**
0.226 mi.
1193 ft. **Site 2 of 3 in cluster O**

Relative:
Higher

Actual:
8 ft.

LTANKS:

Site ID:	77950
Spill Number/Closed Date:	8904693 / 1992-07-30
Spill Date:	1989-08-11
Spill Cause:	Tank Test Failure
Spill Source:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	1992-07-30
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported

NICHOLS YACHT YARD INC (Continued) **S103824084**

Reported to Dept:	1989-08-11
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-08-21
Spill Record Last Update:	2003-09-26
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	186049
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 08/11/89: THE OPTIONS WERE EXPLAINED TO JIM KROW AS TO WHAT HE NEEDS TO DO IF THE TANKS FAIL A RETEST. THE PRODUCT COMING THROUGH THE WALL AT THE MARINA MAY BE DUE TO THESE TANKS. 08/21/89: THE PROBLEM WAS FOUND ACCORDING TO LARRY RICCI. THEY WILL REPAIR AND RETEST THE TANKS. 09/28/89: RECEIVED TEST RESULTS SHOWING 2200 GALLON DIESEL TANK PASSING WITH +.008 GPH AND A 4K TANK PASSING WITH +.019 GPH. SEE PBS FILES FOR FURTHER INFORMATION. "
Remarks:	"4K GAS & #4 FUEL OIL - 2200, TEST ABORTED DUE TO TEMP. FLUCT. LIKE A DEC CALL BACK. AIR WAS IN SYSTEM. JIM KROW WAS CONTACTED AND GIVEN THE OPTIONS AVAILABLE TO HIM."

Material:

Site ID:	77950
Operable Unit ID:	932296
Operable Unit:	01
Material ID:	448725
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	77950
Spill Tank Test:	1535835
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills

NICHOLS YACHT YARD INC (Continued) **S103824084**

Last Modified: Not reported
Test Method: Unknown

Site ID: 225383
Spill Number/Closed Date: 9813507 / 1999-02-04
Spill Date: 1999-02-04
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6032
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1999-02-04
CID: 205
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1999-02-04
Spill Record Last Update: 1999-02-12
Spiller Name: CALLER
Spiller Company: NICHOLAS YACHT YARD
Spiller Address: 500 RUSHMORE AVENUE
Spiller City,St,Zip: MAMARONECK, NY
Spiller County: 001
Spiller Contact: CALLER
Spiller Phone: (914) 698-6065
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 186049
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "CALLER REPORTED LEAK IN STORAGE DRUM OF WASTE OIL. CLEANUP COMPLETED."

Material:
Site ID: 225383
Operable Unit ID: 1073945
Operable Unit: 01
Material ID: 557944
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

NICHOLS YACHT YARD INC (Continued) **S103824084**

Tank Test:

SPILLS:

Facility ID:	1009830
Facility Type:	ER
DER Facility ID:	398343
Site ID:	443404
DEC Region:	3
Spill Date:	2010-12-15
Spill Number/Closed Date:	1009830 / 2011-02-22
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2010-12-15
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
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:	2010-12-15
Spill Record Last Update:	2011-02-22
Spiller Name:	Not reported
Spiller Company:	DAVID REESE
Spiller Address:	500 RUSHMORE AVE
Spiller City,St,Zip:	MAMERNIACK, NY
Spiller Company:	999
Contact Name:	DENNIS
Contact Phone:	(914) 329-3454
DEC Memo:	"12-15-10 Sight glass gauge on side of boat tank broke. Boat is in storage. Gravel and soil below impacted. Marina personnel currently soaking up product. They also cleaned up inside boat. Dennis called boat owner to notify him of situation. Owner to call insurance. Let Dennis know that contractor needs to be hired by either marina or boat owner to clean-up. jc 02/22/11 Northeast Environmental reported that they cleaned up this shallow but widespread spill by excavating 257.78 tons of contaminated soil. NFA. TG"
Remarks:	"Stain and puddle in gravel lot. Unknown how much spilled"

Material:

Site ID:	443404
Operable Unit ID:	1193865
Operable Unit:	01
Material ID:	2189438
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported

NICHOLS YACHT YARD INC (Continued) **S103824084**

Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	9814742
Facility Type:	ER
DER Facility ID:	186049
Site ID:	77951
DEC Region:	3
Spill Date:	1999-03-11
Spill Number/Closed Date:	9814742 / Not Reported
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1999-03-11
CID:	252
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:	4
Date Entered In Computer:	1999-03-11
Spill Record Last Update:	2010-08-03
Spiller Name:	UNKNOWN
Spiller Company:	UNKNOWN
Spiller Address:	UNKNOWN
Spiller City,St,Zip:	UNKNOWN, NY
Spiller Company:	999
Contact Name:	DENNIS MCCARTHY
Contact Phone:	(914) 698-6065
DEC Memo:	"8/3/10 TF need TCR JO'M "
Remarks:	"TWO UNDERGROUND TANKS HAVE BEEN IN GROUND FOR PAST 40 YRS-LAST USED IN 1950'S-NO PRODUCT IN TANKS-TANKS TO EVENTUALLY BE REMOVED AND SOIL CLEANED UP."

Material:

Site ID:	77951
Operable Unit ID:	1072324
Operable Unit:	01
Material ID:	311418
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons

NICHOLS YACHT YARD INC (Continued) **S103824084**

Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	8904659
Facility Type:	ER
DER Facility ID:	186049
Site ID:	194481
DEC Region:	3
Spill Date:	1989-08-08
Spill Number/Closed Date:	8904659 / 2004-11-01
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	jghardy
Referred To:	Not reported
Reported to Dept:	1989-08-09
CID:	Not reported
Water Affected:	LONG ISLAND SOUND
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:	1989-08-21
Spill Record Last Update:	2004-11-01
Spiller Name:	Not reported
Spiller Company:	NICHOLS YACHT YARD
Spiller Address:	500 RUSHMORE AVE.
Spiller City,St,Zip:	MAMARONECK, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was HARDY petroleum leaking into Harbor traced to leaking tank; remediation completed close NFA"
Remarks:	"UNKNOWN PETROLEUM LEACHING FROM BULKHEAD INTO LONG ISLAND SOUND, UNDERGROUDN STORAG TANKS IN VICINITY OF LEAK"

Material:

Site ID:	194481
Operable Unit ID:	929921
Operable Unit:	01
Material ID:	448695
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons

NICHOLS YACHT YARD INC (Continued) **S103824084**

Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

SPDES:

Permit Number:	NYR00E855
State-Region:	03
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	4493
State Water Body Name:	MAMARONECK HARBOR
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.941 / -73.733
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY119
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	NICHOLS YACHT YARD INC
Non-Gov Permit Street Address:	NICHOLS YACHT YARD INC
Non-Gov Permit Supplemental Location:	500 RUSHMORE 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:	NICHOLS YACHT YARD INC
Non-Gov Facility Street Address:	NICHOLS YACHT YARD INC
Non-Gov Facility Supplemental Location:	500 RUSHMORE AVE
Non-Gov Facility City:	MAMARONECK
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10543
State Water Body:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY119
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	NICHOLS YACHT YARD INC
Non-Gov Permit Street Address:	500 RUSHMORE 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:	NICHOLS YACHT YARD INC
Non-Gov Facility Street Address:	NICHOLS YACHT YARD INC
Non-Gov Facility Supplemental Location:	500 RUSHMORE AVE

NICHOLS YACHT YARD INC (Continued) **S103824084**

Non-Gov Facility City:	MAMARONECK
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10543
State Water Body:	Not reported
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:	NICHOLS YACHT YARD INC
Non-Gov Facility Street Address:	NICHOLS YACHT YARD INC
Non-Gov Facility Supplemental Location:	500 RUSHMORE AVE
Non-Gov Facility City:	MAMARONECK
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10543
State Water Body:	Not reported

O64 **NICHOLS YACHT YARDS INC** **NY UST** **1000553947**
NNE **500 RUSHMORE AVE** **NY AST** **NYD986963841**
1/8-1/4 **MAMARONECK, NY 10543** **RCRA NonGen / NLR**
0.226 mi. **FINDS**
1193 ft. **Site 3 of 3 in cluster O** **NY MANIFEST**
ECHO

Relative:
Higher

Actual:
8 ft.

WESTCHESTER CO. UST:

Id/Status:	3-459771 / Unregulated: <1101 gal. PBS
Operator Name:	Nichols Yacht Yard Inc.
Owner Name:	Nichols Yacht Yard Inc.
Owner Street:	500 Rushmore Ave.
Owner Address2:	Not reported
Owner City:	Mamaroneck
Owner State:	NY
Owner Zipcode:	10543
GDS Number:	Not reported
Tank Number:	1
Status:	5. Closed - removed
Capacity:	4000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	99. Other
Date Installation:	12/01/1985
Date Perm Closure:	Not reported
Tank Location:	5. Underground
Tank Type:	6. Fiberglass reinforced plastic (FRP)
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

NICHOLS YACHT YARDS INC (Continued) **1000553947**

Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	1. Submersible

Tank Number:	2
Status:	5. Closed - removed
Capacity:	4000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	99. Other
Date Installation:	Not reported
Date Perm Closure:	02/05/1990
Tank Location:	5. Underground
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:	1. Submersible

Tank Number:	3
Status:	5. Closed - removed
Capacity:	2000
Product Stored:	6. Diesel
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	02/05/1990
Tank Location:	5. Underground
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:	1. Submersible

WESTCHESTER CO. AST:

PBS Number:	3-459771
Site Status:	Unregulated: <1101 gal. PBS
GDS Number:	Not reported
Operator Name:	Nichols Yacht Yard Inc.
Owner Name:	Nichols Yacht Yard Inc.
Owner Street:	500 Rushmore Ave.
Owner Address2:	Not reported

NICHOLS YACHT YARDS INC (Continued) **1000553947**

Owner City/State/Zip: Mamaroneck, NY 10543

Tank Number: 10
Status: 0. Administratively closed
Date Installation: 01/01/1900
Capacity: 275
Product Stored: Not reported
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: 0. None
Tank Secondary Containment: 0. None
Piping Location: Not reported
Piping Type: 9. Copper
Piping External Protection: 0. None
Piping Leak Detection: Not reported
Piping Secondary Containment: Not reported
Overfill Prevention: 0. None
Spill Prevention: 0. None
Dispenser: 2. Suction

Tank Number: 11
Status: 5. Closed - removed
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: 0. None
Piping Location: 0. No Pipiing
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: 2. Suction

Tank Number: 4
Status: 0. Administratively closed
Date Installation: 01/01/1900
Capacity: 275
Product Stored: Not reported
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

NICHOLS YACHT YARDS INC (Continued) **1000553947**

Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	Not reported
Piping Type:	Not reported
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	0. None
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	5
Status:	0. Administratively closed
Date Installation:	01/01/1900
Capacity:	275
Product Stored:	11. Kerosene
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:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	Not reported
Piping Type:	Not reported
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

Tank Number:	6
Status:	0. Administratively closed
Date Installation:	01/01/1900
Capacity:	275
Product Stored:	Not reported
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:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	Not reported
Piping Type:	Not reported
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	0. None
Spill Prevention:	0. None

NICHOLS YACHT YARDS INC (Continued) **1000553947**

Dispenser:	2. Suction

Tank Number:	7
Status:	0. Administratively closed
Date Installation:	01/01/1900
Capacity:	275
Product Stored:	Not reported
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:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	9. Copper
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	0. None
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	8
Status:	0. Administratively closed
Date Installation:	01/01/1900
Capacity:	275
Product Stored:	Not reported
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:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	9. Copper
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	0. None
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	9
Status:	0. Administratively closed
Date Installation:	01/01/1900
Capacity:	275
Product Stored:	Not reported
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle

NICHOLS YACHT YARDS INC (Continued) **1000553947**

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:	Not reported
Piping Type:	9. Copper
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	0. None
Spill Prevention:	0. None
Dispenser:	2. Suction

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	NICHOLS YACHT YARDS INC
Facility address:	500 RUSHMORE AVE MAMARONECK, NY 105434496
EPA ID:	NYD986963841
Mailing address:	RUSHMORE AVE PO BOX J MAMARONECK, NY 105430558
Contact:	Not reported
Contact address:	RUSHMORE AVE MAMARONECK, NY 105430558
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:	NICHOLS YACHT YARDS INC
Owner/operator address:	500 RUSHMORE AVE MAMARONECK, NY 10543
Owner/operator country:	US
Owner/operator telephone:	(914) 698-6065
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NICHOLS YACHT YARDS INC
Owner/operator address:	500 RUSHMORE AVE MAMARONECK, NY 10543
Owner/operator country:	US
Owner/operator telephone:	(914) 698-6065
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

NICHOLS YACHT YARDS INC (Continued) **1000553947**

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: NICHOLS YACHT YARDS INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: NICHOLS YACHT YARDS INC
Classification: Not a generator, verified

Date form received by agency: 07/05/1991
Site name: NICHOLS YACHT YARDS INC
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110004473203

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.

NY MANIFEST:
EPA ID: NYD986963841
Country: USA
Location Address 1: 500 RUSHMORE AVENUE
Location Address 2: Not reported
Location City: MAMARONECK
Location State: NY
Location Zip Code: 10543

NICHOLS YACHT YARDS INC (Continued) **1000553947**

Location Zip Code 4: Not reported

Mailing Info:

Name:	NICHOLS YACHT YARD INCORPORATED
Contact:	RICHARD J. SCHOLTES
Address:	500 RUSHMORE AVENUE
City/State/Zip:	MAMARONECK, NY 10543
Country:	USA
Phone:	914-698-6065

Manifest:

Document ID:	NYB2839464
Manifest Status:	Completed copy
Trans1 State ID:	NY35726A
Trans2 State ID:	Not reported
Generator Ship Date:	08/01/1991
Trans1 Recv Date:	08/01/1991
Trans2 Recv Date:	/ /
TSD Site Recv Date:	08/01/1991
Part A Recv Date:	/ /
Part B Recv Date:	08/19/1991
Generator EPA ID:	NYD986963841
Trans1 EPA ID:	NYD057770109
Trans2 EPA ID:	Not reported
TSDF ID:	NYD057770109
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00220
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	1991

ECHO:

Envid:	1000553947
Registry ID:	110004473203
FIPS Code:	36119
EPA Region:	02
Indian Country Flag:	N
Federal Flag:	Not reported
US Mexico Border Flag:	Not reported
Chesapeake Bay Flag:	Not reported
NAA Flag:	Y
Latitude:	40.94156
Longitude:	-73.73244
Map Icon:	RCRA-IC-MN-N.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	CENTER OF A FACILITY OR STATION
Accuracy Meters:	30
Derived Tribes:	Not reported
Derived Huc:	02030102
Derived WBD:	Not reported
Derived STCT FPS:	36119
Derived Zip:	10543
Derived CD113:	16

NICHOLS YACHT YARDS INC (Continued) **1000553947**

Derived CB2010:	361190072002010
Percent Minority:	Not reported
Pop Den:	Not reported
Major Flag:	Not reported
Active Flag:	Not reported
MYRTK Universe:	NNN
Inspection Count:	0
Date Last Inspection:	Not reported
Days Last Inspection:	Not reported
Informal Count:	0
Date Last Informal Action:	Not reported
Formal Action Count:	0
Date Last Formal Action:	Not reported
Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	No Violation
Curr SNC Flag:	N
3yr Compliance Status:	_____
AFS Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not reported
CAA Permit Types:	Not reported
CAA NAICS:	Not reported
CAA SICS:	Not reported
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	Not reported
CAA Curr Compliance Status:	Not reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not reported
NPDES IDS:	Not reported
CWA Permit Types:	Not reported
CWA Compliance Tracking:	Not reported
CWA NAICS:	Not reported
CWA SICS:	Not reported
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	Not reported
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported
CWA Last Penality Amount:	Not reported

NICHOLS YACHT YARDS INC (Continued) **1000553947**

CWA Qtrs in NC:	Not reported
CWA Curr Compliance Status:	Not reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not reported
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	NYD986963841
RCRA Permit Types:	Other
RCRA NAICS:	Not reported
RCRA Inspection Count:	Not reported
RCRA Days Last Evaluation:	Not reported
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported
RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	_____
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported
SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported
TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110004473203
Facility SIC Codes:	Not reported
Facility NAICS Codes:	Not reported
Facility Date Last Inspection EPA:	Not reported
Facility Date Last Inspection State:	Not reported
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	Not reported
Facility Date Last Informal ACT ST:	Not reported
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

65
NNW
1/8-1/4
0.246 mi.
1298 ft.

MAMARONECK TOWN OF FIRE DEPT
205 WEAVER ST
LARCHMONT, NY 10538

NY Spills **1000890340**
RCRA NonGen / NLR **NY0000345694**
FINDS
ECHO

Relative:
Higher

Actual:
34 ft.

SPILLS:

Facility ID:	0507243
Facility Type:	ER
DER Facility ID:	299913
Site ID:	352615
DEC Region:	3
Spill Date:	2005-09-15
Spill Number/Closed Date:	0507243 / 2005-10-20
Spill Cause:	Abandoned Drums
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	JBODee
Referred To:	WCDOH
Reported to Dept:	2005-09-15
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:	2005-09-15
Spill Record Last Update:	2005-10-20
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	CHRIS LILIK
Contact Phone:	(914) 224-7649
DEC Memo:	"October 20, 2005: CLEAN UP COMPLETED. SPILL FILE CLOSED BY OF THE WESTCHESTER COUNTY HEALTH DEPT. NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod As per email from WCHD: 05-07243 abandoned container NFA (Waste Antifreeze) "
Remarks:	"1 - 1 GALLON CONTAINER: NOT LEAKINGl:"

Material:

Site ID:	352615
Operable Unit ID:	1110107
Operable Unit:	01
Material ID:	2100124
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

MAMARONECK TOWN OF FIRE DEPT (Continued) **1000890340**

Tank Test:

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	MAMARONECK TOWN OF FIRE DEPT
Facility address:	205 WEAVER ST LARCHMONT, NY 105382309
EPA ID:	NY0000345694
Mailing address:	W BOSTON POST RD MAMARONECK, NY 10543
Contact:	Not reported
Contact address:	W BOSTON POST 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:	TOWN OF MAMARONECK
Owner/operator address:	205 WEAVER ST LARCHMONT, NY 10538
Owner/operator country:	US
Owner/operator telephone:	(914) 381-7800
Legal status:	State
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	TOWN OF MAMARONECK
Owner/operator address:	205 WEAVER ST LARCHMONT, NY 10538
Owner/operator country:	US
Owner/operator telephone:	(914) 381-7800
Legal status:	State
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 TOWN OF FIRE DEPT (Continued) **1000890340**

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 TOWN OF FIRE DEPT
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: MAMARONECK TOWN OF FIRE DEPT
Classification: Not a generator, verified

Date form received by agency: 06/03/1994
Site name: MAMARONECK TOWN OF FIRE DEPT
Classification: Small Quantity Generator

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110004315900

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.

ECHO:

Envid:	1000890340
Registry ID:	110004315900
FIPS Code:	36119
EPA Region:	02
Indian Country Flag:	N
Federal Flag:	Not reported
US Mexico Border Flag:	Not reported
Chesapeake Bay Flag:	Not reported
NAA Flag:	Y
Latitude:	40.94017
Longitude:	-73.75633
Map Icon:	RCRA-IC-MN-N.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	CENTER OF A FACILITY OR STATION
Accuracy Meters:	30
Derived Tribes:	Not reported
Derived Huc:	02030102
Derived WBD:	Not reported
Derived STCT FPS:	36119
Derived Zip:	10538
Derived CD113:	16

MAMARONECK TOWN OF FIRE DEPT (Continued) **1000890340**

Derived CB2010:	361190070003008
Percent Minority:	Not reported
Pop Den:	Not reported
Major Flag:	Not reported
Active Flag:	Not reported
MYRTK Universe:	NNN
Inspection Count:	0
Date Last Inspection:	Not reported
Days Last Inspection:	Not reported
Informal Count:	0
Date Last Informal Action:	Not reported
Formal Action Count:	0
Date Last Formal Action:	Not reported
Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	No Violation
Curr SNC Flag:	N
3yr Compliance Status:	_____
AFS Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not reported
CAA Permit Types:	Not reported
CAA NAICS:	Not reported
CAA SICS:	Not reported
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	Not reported
CAA Curr Compliance Status:	Not reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not reported
NPDES IDS:	Not reported
CWA Permit Types:	Not reported
CWA Compliance Tracking:	Not reported
CWA NAICS:	Not reported
CWA SICS:	Not reported
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	Not reported
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported
CWA Last Penality Amount:	Not reported

MAMARONECK TOWN OF FIRE DEPT (Continued) **1000890340**

CWA Qtrs in NC:	Not reported
CWA Curr Compliance Status:	Not reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not reported
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	NY0000345694
RCRA Permit Types:	Other
RCRA NAICS:	Not reported
RCRA Inspection Count:	Not reported
RCRA Days Last Evaluation:	Not reported
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported
RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	_____
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported
SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not reported
TRI Releases Transfers:	Not reported
TRI on Site Releases:	Not reported
Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Not reported
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110004315900
Facility SIC Codes:	Not reported
Facility NAICS Codes:	Not reported
Facility Date Last Inspection EPA:	Not reported
Facility Date Last Inspection State:	Not reported
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	Not reported
Facility Date Last Informal ACT ST:	Not reported
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

66
North
1/8-1/4
0.246 mi.
1301 ft.

EMIELO ZANOS
705 OLD POST RD
MAMARONECK, NY

NY LTANKS **S105998874**
N/A

Relative:
Higher

Actual:
8 ft.

LTANKS:

Site ID:	111566
Spill Number/Closed Date:	0301207 / 2003-08-20
Spill Date:	2003-05-02
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2003-05-02
CID:	405
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-05-02
Spill Record Last Update:	2003-08-20
Spiller Name:	EMIELO ZANOS
Spiller Company:	EMIELO ZANOS
Spiller Address:	705 OLD POST RD
Spiller City,St,Zip:	MAMARONECK, NY 10543-
Spiller County:	001
Spiller Contact:	JASON TROCCOLI
Spiller Phone:	(845) 628-3610
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	97568
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 08/20/03 DUTCHESS ENVIRONMENTAL DISPOSED OF LUST AND 26.97 TONS OF CONTAMINATED SOIL. MONITORING WELL INSTALLED. SOIL AND WATER SAMPLE RESULTS WERE ND FOR ALL ANALYTES. NFA REQUIRED."
Remarks:	"upon doing borings around the tank and found the tank to be leaking onto the soil - spill is contained and is not clenaed up yet - contaminated soil to be removed - customer is responsible for clean up"

Material:

Site ID:	111566
Operable Unit ID:	867599
Operable Unit:	01
Material ID:	509262
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons

EMIELO ZANOS (Continued) **S105998874**

Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

67
ENE
1/4-1/2
0.251 mi.
1324 ft.

RESIDENCE **NY LTANKS** **S106971803**
707 FOREST AVE **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
17 ft.

LTANKS:
Site ID: 345928
Spill Number/Closed Date: 0501691 / 2006-06-14
Spill Date: 2005-05-11
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 6032
Investigator: JBODee
Referred To: Not reported
Reported to Dept: 2005-05-11
CID: 408
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2005-05-12
Spill Record Last Update: 2006-06-14
Spiller Name: BEA BURDENK
Spiller Company: RESIDENCE
Spiller Address: 707 FOREST AVE
Spiller City,St,Zip: MAMARONECK, NY
Spiller County: 001
Spiller Contact: BEA BURDENK
Spiller Phone: (914) 980-1407
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 292183
DEC Memo: "June 14, 2006: ELITE ENVIRONMENTAL DISPOSED OF LUST AND 12.11 TONS OF CONTAMINATED SOIL. GROUND WATER WAS IMPACTED, AND A MONITORING WELL WAS INSTALLED AND SAMPLED. WATER SAMPLE RESULTS SLIGHTLY EXCEED TAGM LEVELS. MUNICIPAL WATER AND SEWER, NO SENSITIVE RECEPTORS. CLOSURE REPORT REVIEWED BY DEC. BASED UPON INFORMATION PROVIDED, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks: ""

Material:
Site ID: 345928
Operable Unit ID: 1103650

RESIDENCE (Continued) **S106971803**

Operable Unit: 01
Material ID: 583873
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 345928
Spill Tank Test: 1548899
Tank Number: 1
Tank Size: 1000
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified: Not reported
Test Method: Horner EZ Check I or II

68
ENE
1/4-1/2
0.254 mi.
1340 ft.

Relative:
Higher

Actual:
20 ft.

MAYERSON - TTF **NY LTANKS** **S117269564**
720 WALTON AVE **N/A**
MAMARONECK, NY

LTANKS:
Site ID: 495278
Spill Number/Closed Date: 1401973 / 2015-02-12
Spill Date: 2014-05-23
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 6032
Investigator: JBODEE
Referred To: Not reported
Reported to Dept: 2014-05-23
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2014-05-23
Spill Record Last Update: 2015-02-12
Spiller Name: MIRIAM MAYERSON
Spiller Company: Mayerson
Spiller Address: 720 WALTON AVE

MAYERSON - TTF (Continued) **S117269564**

Spiller City,St,Zip:	MAMARONECK, NY
Spiller County:	999
Spiller Contact:	MIRIAM MAYERSON
Spiller Phone:	9175799204
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	450177
DEC Memo:	"5-27-14 Spoke to Cathy. Tank failed with loud hissing and then lost all vacuum. Tested for a real estate transaction. Broker, buyer and daughter of owner (Miriam) notified. jc 2/12/2015: National Environmental Specialists reports they removed and disposed of the leaking UST and 93 tons of petroleum contaminated soil. Closure Report/Documentation has been reviewed and entered into DecDocs. Based upon information provided, no further action required at this time. jod"
Remarks:	"No known losses"

Material:

Site ID:	495278
Operable Unit ID:	1244782
Operable Unit:	01
Material ID:	2245658
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

69
West
1/4-1/2
0.258 mi.
1363 ft.

Relative:
Higher

Actual:
25 ft.

SPILL NUMBER 0307108 **NY LTANKS S106000106**
21 COPLEY RD **NY Spills N/A**
LARCHMONT, NY

LTANKS:

Site ID:	62335
Spill Number/Closed Date:	0307108 / 2003-12-03
Spill Date:	2003-10-06
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2003-10-06
CID:	365
Water Affected:	Not reported

SPILL NUMBER 0307108 (Continued) **S106000106**

Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-10-06
Spill Record Last Update:	2003-12-03
Spiller Name:	ALLEN SUTIN
Spiller Company:	Not reported
Spiller Address:	21 COPLEY RD
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	ALLEN SUTIN
Spiller Phone:	(212) 801-9286
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	60445
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 10/09/03 ALSO SPILL 03-07140. 12/03/03 NORTHEST DISPOSED OF LUST AND 164.78 TONS OF CONTAMINATED SOIL."
Remarks:	"odor of hydrocarbons detected in well point soil samples - failed tank test"

Material:

Site ID:	62335
Operable Unit ID:	873663
Operable Unit:	01
Material ID:	500684
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	62335
Spill Tank Test:	1528722
Tank Number:	1
Tank Size:	550
Test Method:	03
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

SPILLS:

Facility ID:	0307140
Facility Type:	ER
DER Facility ID:	60445
Site ID:	62336

SPILL NUMBER 0307108 (Continued) **S106000106**

DEC Region:	3
Spill Date:	2003-10-07
Spill Number/Closed Date:	0307140 / 2003-12-03
Spill Cause:	Unknown
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2003-10-07
CID:	390
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Tank Tester
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:	2003-10-07
Spill Record Last Update:	2005-04-22
Spiller Name:	ALLEN SUTIN
Spiller Company:	SUTIN RESIDENCE
Spiller Address:	21 COPLEY RD
Spiller City,St,Zip:	LARCHMONT, ZZ
Spiller Company:	001
Contact Name:	ALLEN SUTIN
Contact Phone:	(212) 801-9286
DEC Memo:	"10/09/03 ALSO SPILL 03-07108. 12/03/03 NORTHEAST DISPOSED OF LUST AND 164.78 TONS OF CONTAMINATED SOIL."
Remarks:	"soil contamination discovered near ust"

Material:

Site ID:	62336
Operable Unit ID:	873698
Operable Unit:	01
Material ID:	552402
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

70
NW
1/4-1/2
0.260 mi.
1374 ft.

MAMARONECK GARDENS
100-348 RICHBELL ROAD
MAMARONECK, NY

NY LTANKS **S106469773**
NY Spills **N/A**

Relative:
Higher

Actual:
29 ft.

LTANKS:

Site ID:	262629
Spill Number/Closed Date:	0209258 / 2003-12-09
Spill Date:	2002-12-09
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2002-12-09
CID:	270
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-12-09
Spill Record Last Update:	2003-12-09
Spiller Name:	TRACEY
Spiller Company:	MAMARONECK GARDENS
Spiller Address:	100-348 RICHBELL RD
Spiller City,St,Zip:	MAMARONECK, NY
Spiller County:	001
Spiller Contact:	TRACEY
Spiller Phone:	(914) 063-7400
Spiller Extention:	24
DEC Region:	3
DER Facility ID:	106148
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-SCHNEIDER 12/09/03 TANK PASSED RETEST. CLOSED BY WAYNE SCHNEIDER OF THE WESTCHESTER COUNTY HEALTH DEPARTMENT."
Remarks:	"uncover evaluate retest"

Material:

Site ID:	262629
Operable Unit ID:	862436
Operable Unit:	01
Material ID:	516234
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

MAMARONECK GARDENS (Continued) **S106469773**

Tank Test:

Site ID:	262629
Spill Tank Test:	1527800
Tank Number:	3
Tank Size:	4000
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

Site ID:	262630
Spill Number/Closed Date:	0209259 / 2003-12-09
Spill Date:	2002-12-09
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2002-12-09
CID:	270
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-12-09
Spill Record Last Update:	2003-12-09
Spiller Name:	TRACEY
Spiller Company:	MAMARONECK GARDENS
Spiller Address:	100-348 RICHBELL RD
Spiller City,St,Zip:	MAMARONECK, NY
Spiller County:	001
Spiller Contact:	TRACEY
Spiller Phone:	(914) 063-7400
Spiller Extention:	24
DEC Region:	3
DER Facility ID:	106148
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-SCHNEIDER 12/09/03 TANK PASSED RETEST. CLOSED BY WAYNE SCHNEIDER OF THE WESTCHESTER COUNTY HEALTH DEPARTMENT."
Remarks:	"uncover repair retest"

Material:

Site ID:	262630
Operable Unit ID:	862438
Operable Unit:	01
Material ID:	516235
Material Code:	0001A

MAMARONECK GARDENS (Continued) **S106469773**

Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 262630
Spill Tank Test: 1527801
Tank Number: 4
Tank Size: 4000
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Horner EZ Check I or II

Site ID: 262631
Spill Number/Closed Date: 0209260 / 2003-12-09
Spill Date: 2002-12-09
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6032
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 2002-12-09
CID: 270
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-12-09
Spill Record Last Update: 2003-12-09
Spiller Name: TRACEY
Spiller Company: MAMARONECK GARDENS
Spiller Address: 100-348 RICHBELL RD
Spiller City,St,Zip: MAMARONECK, NY
Spiller County: 001
Spiller Contact: TRACEY
Spiller Phone: (914) 063-7400
Spiller Extention: 24
DEC Region: 3
DER Facility ID: 106148
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-SCHNEIDER 12/09/03 TANK PASSED RETEST. CLOSED BY WAYNE SCHNEIDER OF THE WESTCHESTER COUNTY HEALTH DEPARTMENT."

MAMARONECK GARDENS (Continued) **S106469773**

Remarks: "uncover repair retest"

Material:
Site ID: 262631
Operable Unit ID: 862440
Operable Unit: 01
Material ID: 516236
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 262631
Spill Tank Test: 1527802
Tank Number: 6
Tank Size: 5000
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Horner EZ Check I or II

Site ID: 262632
Spill Number/Closed Date: 0310221 / 2005-03-16
Spill Date: 2003-12-02
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6032
Investigator: WCHD
Referred To: WESTCHESTER CNTY HEALTH D
Reported to Dept: 2003-12-02
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2003-12-02
Spill Record Last Update: 2005-04-05
Spiller Name: TRACEY LUZIDO
Spiller Company: APARTMENT BUILDING
Spiller Address: 100-348 RICHBELL RD
Spiller City,St,Zip: MAMARONECK, NY

MAMARONECK GARDENS (Continued) **S106469773**

Spiller County:	001
Spiller Contact:	TRACEY LUZIDO
Spiller Phone:	(914) 494-5730
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	106148
DEC Memo:	"PBS #3-177849 Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD - JACKSON 01/10/05: Letter to Mamaroneck Gardens, Inc., c/o Prime Location Inc. from Karen Magnuson, WCDOH dated 3Jan2005. WCDOH requires groundwater sampling. Further action may be necessary. Results due by 14Feb2005. See also Spill 04-02539. 4/4/05: Letter to Mamaroneck Gardens, Inc., c/o Prime Locations Inc. from Karen Magnuson, WCDOH dated 16Mar2005. WCDOH requires NFA, recommends spill numbers closed."
Remarks:	"9 tanks tested, 2 tanks failed at this time "

Material:

Site ID:	262632
Operable Unit ID:	875320
Operable Unit:	01
Material ID:	499146
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Pounds
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	262632
Spill Tank Test:	1528839
Tank Number:	4
Tank Size:	3000
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II
Site ID:	262632
Spill Tank Test:	1528840
Tank Number:	8
Tank Size:	3500
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

SPILLS:

Facility ID:	0402539

MAMARONECK GARDENS (Continued) **S106469773**

Facility Type:	ER
DER Facility ID:	106148
Site ID:	122434
DEC Region:	3
Spill Date:	2004-06-08
Spill Number/Closed Date:	0402539 / 2005-03-16
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	WCHD
Referred To:	WESTCHESTER CNTY HEALTH D
Reported to Dept:	2004-06-08
CID:	403
Water Affected:	Not reported
Spill Source:	Non Major Facility > 1,100 gal
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:	2004-06-08
Spill Record Last Update:	2006-03-17
Spiller Name:	SHARIMA RYAN
Spiller Company:	Not reported
Spiller Address:	110-348 RICHBELL RD PALME
Spiller City,St,Zip:	MAMARONECK, NY
Spiller Company:	001
Contact Name:	SHARIMA RYAN
Contact Phone:	(845) 348-6355
DEC Memo:	"PBS #3-177849 Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-MAGNUSON 01/10/05: Letter to Mamaroneck Gardens, Inc., c/o Prime Location Inc. from Karen Magnuson, WCDOH dated 3Jan2005. WCDOH requires groundwater sampling. Further action may be necessary. Results due by 14Feb2005. See also Spill 03-10221. 4/4/05: Letter to Mamaroneck Gardens, Inc., c/o Prime Locations Inc. from Karen Magnuson, WCDOH dated 16Mar2005. WCDOH requires NFA, recommends spill numbers closed."
Remarks:	"two tanks.tanks #3 and #6. spill seems to be old pipe leaks."

Material:

Site ID:	122434
Operable Unit ID:	884212
Operable Unit:	01
Material ID:	490154
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

MAMARONECK GARDENS (Continued) **S106469773**

Tank Test:

71
NNW
1/4-1/2
0.268 mi.
1417 ft.

MAMARONECK CEN SCH **NY LTANKS** **S100139748**
HAUMES AVE **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
39 ft.

LTANKS:

Site ID:	203541
Spill Number/Closed Date:	8708146 / 1989-11-29
Spill Date:	1987-12-19
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1989-11-29
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1987-12-19
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-12-22
Spill Record Last Update:	1998-12-28
Spiller Name:	DICK GARDNER
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	169262
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was / / : 2500 +.1038. "
Remarks:	""

Material:

Site ID:	203541
Operable Unit ID:	913704
Operable Unit:	01
Material ID:	463545
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Pounds
Recovered:	.00

MAMARONECK CEN SCH (Continued) **S100139748**

Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 203541
Spill Tank Test: 1532759
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

P72 **APT BLD** **NY LTANKS** **S110769599**
WSW **11 ALDEN RD** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.281 mi.
1485 ft. **Site 1 of 2 in cluster P**

Relative:
Higher

Actual:
33 ft.

LTANKS:
Site ID: 364540
Spill Number/Closed Date: 0602133 / 2006-09-22
Spill Date: 2006-05-26
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6032
Investigator: JBODee
Referred To: WCDOH
Reported to Dept: 2006-05-26
CID: 408
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2006-05-26
Spill Record Last Update: 2006-09-22
Spiller Name: DONNA HENTSCHEL
Spiller Company: COMMERCIAL
Spiller Address: 11 ALDEN ROAD
Spiller City,St,Zip: LARGEMONT, NY
Spiller County: 001
Spiller Contact: DONNA HENTSCHEL
Spiller Phone: (914) 793-5610
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 314757
DEC Memo: "PBS 3-068551 7/31/06 Danielle Jackson from WCHD: 11 Alden Road, Larchmont, NY repaired and retested 6-19-06 and passed, NFA "

APT BLD (Continued) **S110769599**

Remarks: ""

Material:

Site ID:	364540
Operable Unit ID:	1122563
Operable Unit:	01
Material ID:	2112029
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	445598
Spill Number/Closed Date:	1011710 / 2011-05-20
Spill Date:	2011-02-23
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2011-02-23
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2011-02-23
Spill Record Last Update:	2011-06-01
Spiller Name:	DONNA HENCHELL
Spiller Company:	APT BLD
Spiller Address:	11 ALDEN RD
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	999
Spiller Contact:	DONNA HENCHELL
Spiller Phone:	(718) 796-5022
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	400430
DEC Memo:	"2-23-11: V.Mc. to Ms.Donna Henchell: Just found out about TTF, left mess with tester & waitingon callbk.,(Ms.Donna H.) To make arrangements for retesting. Results to be submitted to WCHD. 3/3/11: PBS TTF, Wayne Schneider will handle. jod 5/20/11 As per WCDOH

APT BLD (Continued) **S110769599**

1011710: 11 alden rd, Larchmont- ttf, passed retest 3/11/11 after replacing fitting n return line(aboveground). No contamination NFA JO'M "

Remarks: "vaulted above ground failed tank test. retest pending"

Material:

Site ID:	445598
Operable Unit ID:	1195980
Operable Unit:	01
Material ID:	2192111
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

73
SW
1/4-1/2
0.290 mi.
1530 ft.

DRYER RESIDENCE **NY LTANKS** **S100153886**
17 OLD COLONY DRIVE **N/A**
LARCHMONT, NY

Relative:
Higher

Actual:
11 ft.

LTANKS:

Site ID:	167531
Spill Number/Closed Date:	9101545 / 1997-11-10
Spill Date:	1991-04-29
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. (Highly Improbable)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1991-05-08
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-06-12
Spill Record Last Update:	2005-11-25
Spiller Name:	Not reported
Spiller Company:	STEIN
Spiller Address:	19 OLD COLONY DRIVE
Spiller City,St,Zip:	LARCHMONT, ZZ
Spiller County:	001

DRYER RESIDENCE (Continued) **S100153886**

Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	141161
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 11/10/97 ISR COMPLETED BY GHIOSAY; SPILLER UNKNOWN; "
Remarks:	"OIL COMING INTO SUMP PIT AT DRYER RESIDENCE NEXT DOOR NEIGHBOR HAS A FORTY YEAR OLD TANK WHICH MAY BE LEAKING IT ISTHE ONLY TANK IN THE AREA OIL IS ALSO BEING DISCHARGED INTO FLINT PARK"

Material:

Site ID:	167531
Operable Unit ID:	952664
Operable Unit:	01
Material ID:	427652
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Pounds
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

74
ENE
1/4-1/2
0.291 mi.
1538 ft.

APARTMENT **NY LTANKS** **S106702819**
823 WALTON AVE **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
16 ft.

LTANKS:

Site ID:	89085
Spill Number/Closed Date:	0406785 / 2004-11-29
Spill Date:	2004-09-20
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2004-09-20
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-09-20

APARTMENT (Continued) **S106702819**

Spill Record Last Update:	2004-12-15
Spiller Name:	BURT ROSNER
Spiller Company:	ROZNER RESIDENCE
Spiller Address:	823 WALTON AVE
Spiller City,St,Zip:	MAMARONECK, NY
Spiller County:	001
Spiller Contact:	BURT ROZNER
Spiller Phone:	(914) 381-6242
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	81412
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 12/15/04: Letter to Burt Rozner dated 29Nov2004. Spill closed by Karen Magnuson, WCDOH. See also spill 04-07704."
Remarks:	"LEAKS IN TANK, FOUND WHILE REMOVING: "

Material:

Site ID:	89085
Operable Unit ID:	890199
Operable Unit:	01
Material ID:	571216
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported
Site ID:	89085
Operable Unit ID:	890199
Operable Unit:	01
Material ID:	571217
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Pounds
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	332229
Spill Number/Closed Date:	0407704 / 2004-11-29
Spill Date:	2004-10-12
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False

APARTMENT (Continued) **S106702819**

SWIS:	6032
Investigator:	JBODee
Referred To:	WCHD
Reported to Dept:	2004-10-12
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-10-12
Spill Record Last Update:	2005-07-16
Spiller Name:	MARK TSCHANTRE
Spiller Company:	APARTMENT
Spiller Address:	823 WALTON AVE
Spiller City,St,Zip:	MARNIEACK, NY
Spiller County:	001
Spiller Contact:	MARK TSCHANTRE
Spiller Phone:	(914) 804-3296
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	81412
DEC Memo:	"12/15/04: Letter to Burt Rozner dated 29Nov2004. Spill closed by Karen Magnuson, WCDOH. See also spill #04-06785."
Remarks:	"FOUND HOLES IN TANK:"

Material:

Site ID:	332229
Operable Unit ID:	1094486
Operable Unit:	01
Material ID:	574592
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Q75 **SPILL NUMBER 0106394** **NY LTANKS** **S105135155**
West **110 CARLEON AVE** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.298 mi.
1573 ft. **Site 1 of 2 in cluster Q**

Relative:
Higher

Actual:
39 ft.

LTANKS:

Site ID:	314780
Spill Number/Closed Date:	0106394 / 2002-01-03
Spill Date:	2001-09-18
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling

SPILL NUMBER 0106394 (Continued) **S105135155**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	2001-09-18
CID:	396
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-09-18
Spill Record Last Update:	2002-01-16
Spiller Name:	ASAFF RES
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	SHAYE SPELLER
Spiller Phone:	(203) 778-5552
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	253779
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 01/03/2002 LETTER SENT TO EARNEST ASAFF BY T. GHIOSAY; BASED ON SPILL CLOSURE REPORT SUBMITTED BY GROUNDWATER INVESTIGATIONS, NO FURTHER ACTION IS REQUIRED AT THIS TIME. SPILL NUMBER CLOSED."
Remarks:	"pulling a 550 gal tank and cont. was found."

Material:

Site ID:	314780
Operable Unit ID:	844685
Operable Unit:	01
Material ID:	531253
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

P76 **SPILL NUMBER 0313036** **NY LTANKS** **S106123947**
WSW **7 HARMONY DRIVE** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.304 mi.
1606 ft. **Site 2 of 2 in cluster P**

Relative:
Higher

Actual:
35 ft.

LTANKS:

Site ID:	260818
Spill Number/Closed Date:	0311429 / 2004-04-26
Spill Date:	2004-01-09
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2004-01-09
CID:	404
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-01-09
Spill Record Last Update:	2004-04-26
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	RALPH LUCARELLI
Spiller Phone:	(914) 834-3068
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	213012
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 04/22/04 ALSO REPORTED AS SPILL 03-13036. NORTHEAST DISPOSED OF LUST AND 17.43 TONS OF CONTAMINATED SOIL. jbo"
Remarks:	"FAILED TEST. RECOMMEND UNCOVER REPAIR AND RETEST."

Material:

Tank Test:

Site ID:	260818
Spill Tank Test:	1528903
Tank Number:	1
Tank Size:	550
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

SPILL NUMBER 0313036 (Continued) **S106123947**

Site ID:	260819
Spill Number/Closed Date:	0313036 / 2004-04-22
Spill Date:	2004-02-26
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2004-02-26
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-02-26
Spill Record Last Update:	2004-04-26
Spiller Name:	MARY LUCARELLI
Spiller Company:	Not reported
Spiller Address:	7 HARMONY DRIVE
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	MARY LUCARELLI
Spiller Phone:	(914) 834-3068
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	213012
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 04/22/04 ALSO REPORTED AS SPILL 03-11429. NORTHEAST DISPOSED OF LUST AND 17.43 TONS OF CONTAMINATED SOIL. jbo"
Remarks:	"WHILE REMOVING TANK FOUND HOLES IN TANK AND CONTAMINATED SOIL: "

Material:

Site ID:	260819
Operable Unit ID:	880222
Operable Unit:	01
Material ID:	498205
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	260819
Spill Tank Test:	1529001
Tank Number:	1

SPILL NUMBER 0313036 (Continued) **S106123947**

Tank Size:	550
Test Method:	00
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Unknown

Q77 **GARRY RESIDENCE** **NY LTANKS** **S105994863**
West **7 MEADOW PL** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.305 mi.
1612 ft. **Site 2 of 2 in cluster Q**

Relative:
Higher

Actual:
38 ft.

LTANKS:

Site ID:	324496
Spill Number/Closed Date:	0109734 / 2002-02-04
Spill Date:	2002-01-08
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2002-01-08
CID:	390
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-01-08
Spill Record Last Update:	2002-03-14
Spiller Name:	BOB GARRY
Spiller Company:	GARRY RESIDENCE
Spiller Address:	7 MEADOW PL
Spiller City,St,Zip:	LARCHMONT, ZZ
Spiller County:	001
Spiller Contact:	BOB GARRY
Spiller Phone:	(914) 833-1601
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	261376
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 01/08/2002 550 U/G TANK HAD HOLES WHEN REMOVED. STOCKPILING SOIL. STATE FARM INSURANCE TO HANDLE. 02/04/2002 HYDRO ENVIRONMENTAL SOLUTIONS SUBMITTED CLOSURE REPORT. TANK DISPOSED BY DUTCHESS ENVIRONMENTAL. APPROXIMATELY 20 TONS OF CONTAMINATED SOIL DISPOSED OF. NO FURTHER ACTION."
Remarks:	"tank failed - clean up in progress"

Material:

GARRY RESIDENCE (Continued) **S105994863**

Site ID:	324496
Operable Unit ID:	848097
Operable Unit:	01
Material ID:	527384
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

78
SW
1/4-1/2
0.323 mi.
1704 ft.

LICKTER RESIDENCE **NY LTANKS** **S105996741**
3 SPANISH COVE RD **N/A**
LARCHMONT, NY

Relative:
Lower

Actual:
4 ft.

LTANKS:

Site ID:	219399
Spill Number/Closed Date:	0206094 / 2003-02-04
Spill Date:	2002-09-12
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2002-09-12
CID:	257
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-09-12
Spill Record Last Update:	2003-05-12
Spiller Name:	Not reported
Spiller Company:	LICKTER RESIDENCE
Spiller Address:	3 SPANISH COVE RD
Spiller City,St,Zip:	LARTCHMONT, NY
Spiller County:	001
Spiller Contact:	SCOTT TAYLOR
Spiller Phone:	(914) 741-5472
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	181436
DEC Memo:	""

LICKTER RESIDENCE (Continued) **S105996741**

Remarks: "leaking underground storage tank - during tank removal found contaminted soil"

Material:

Site ID:	219399
Operable Unit ID:	857654
Operable Unit:	01
Material ID:	516704
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

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79 **THE ANIMAL HOSPITAL** **NY LTANKS** **S104191986**
North **649 WEST BOSTON POST RD** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.328 mi.
1731 ft.

Relative:
Higher

Actual:
18 ft.

LTANKS:

Site ID:	69430
Spill Number/Closed Date:	9906960 / 2004-05-17
Spill Date:	1999-09-10
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
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
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 City,St,Zip:	MAMARONECK, ZZ
Spiller County:	001
Spiller Contact:	DR BENJAMIN LINDEN
Spiller Phone:	(914) 967-2786

THE ANIMAL HOSPITAL (Continued) **S104191986**

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."

Material:

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:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	69430
Spill Tank Test:	1547608
Tank Number:	1
Tank Size:	1000
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

80
NW
1/4-1/2
0.331 mi.
1749 ft.

APARTMENT COMPLEX **NY LTANKS** **S106124142**
328 RICHBELL RD **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
34 ft.

LTANKS:

Site ID:	179514
Spill Number/Closed Date:	0203433 / 2004-05-06
Spill Date:	2002-06-28
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2002-07-01

APARTMENT COMPLEX (Continued) **S106124142**

CID:	390
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-07-01
Spill Record Last Update:	2004-05-06
Spiller Name:	LISA
Spiller Company:	APARTMENT COMPLEX
Spiller Address:	328 RICHBELL RD
Spiller City,St,Zip:	MAMARONECK, ZZ
Spiller County:	001
Spiller Contact:	LISA
Spiller Phone:	(914) 963-7400
Spiller Extention:	228
DEC Region:	3
DER Facility ID:	150652
DEC Memo:	""
Remarks:	"4,000 gal tank was being removed and contaminated soil was discovered - clean up in progress"

Material:

Site ID:	179514
Operable Unit ID:	856385
Operable Unit:	01
Material ID:	521263
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

R81 **PIZZIMENTI HOME** **NY LTANKS** **S106869222**
NNW **815 CARPENTER PLACE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.331 mi.
1750 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

Actual:
57 ft.

LTANKS:

Site ID:	343926
Spill Number/Closed Date:	0500838 / 2005-05-26
Spill Date:	2005-04-20
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False

PIZZIMENTI HOME (Continued) **S106869222**

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
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 City,St,Zip:	MAMARONECK, NY
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"

Material:

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:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	343926
Spill Tank Test:	1548827
Tank Number:	1
Tank Size:	1000
Test Method:	21
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	JBODee
Last Modified:	Not reported

PIZZIMENTI HOME (Continued) **S106869222**

Test Method: Horner EZY3/EZY3 Locator Plus

82
West
1/4-1/2
0.334 mi.
1762 ft.

Relative:
Higher

Actual:
37 ft.

SPILL NUMBER 0000190 **NY LTANKS** **S104620976**
72 HOWELL AVE **N/A**
LARCHMONT, NY

LTANKS:

Site ID:	231198
Spill Number/Closed Date:	0000190 / 2000-04-18
Spill Date:	2000-04-05
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2000-04-05
CID:	312
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-04-05
Spill Record Last Update:	2000-05-03
Spiller Name:	MR BEZ
Spiller Company:	Not reported
Spiller Address:	72 HOWELL AVE
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	MR BEZ
Spiller Phone:	(914) 833-0465
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	190527
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 04/18/2000 TANK PASSED RETEST. NFA"
Remarks:	"WILL REPAIR PIPING AND RETEST - ULLAGE FAILURE"

Material:

Tank Test:

Site ID:	231198
Spill Tank Test:	1525448
Tank Number:	001
Tank Size:	550
Test Method:	20
Leak Rate:	.00
Gross Fail:	Not reported

SPILL NUMBER 0000190 (Continued) **S104620976**

Modified By: Spills
Last Modified: Not reported
Test Method: USTest 2000/P/LL plus USTest 2000/U

83
SW
1/4-1/2
0.351 mi.
1854 ft.

LAKE HOME
71 SHORE DRIVE
LARCHMONT, NY

NY LTANKS **S106972445**
N/A

Relative:
Higher

Actual:
12 ft.

LTANKS:

Site ID:	350818
Spill Number/Closed Date:	0505736 / 2005-09-29
Spill Date:	2005-08-10
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-08-10
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-08-10
Spill Record Last Update:	2005-09-29
Spiller Name:	WALTER LAKE SR
Spiller Company:	LAKE HOME
Spiller Address:	71 SHORE DRIVE
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	WALTER LAKE SR
Spiller Phone:	(914) 834-8340
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	297553
DEC Memo:	"Numerous holes. NE performing the soil excavation. September 29, 2005: NORTHEAST ENVIRONMENTAL DISPOSED OF LUST AND 28.87 TONS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"HOLES IN 1000 GALLON TANK AND CONTAMINATED SOIL;"

Material:

Site ID:	350818
Operable Unit ID:	1108362
Operable Unit:	01
Material ID:	2098297
Material Code:	0001A
Material Name:	#2 fuel oil

LAKE HOME (Continued) **S106972445**

Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

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84 **915 SKIBO LANE** **NY LTANKS** **S103483212**
East **915 SKIBO LANE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.354 mi.
1871 ft.

Relative:
Higher

Actual:
19 ft.

LTANKS:
Site ID: 196127
Spill Number/Closed Date: 9805697 / 2005-05-14
Spill Date: 1998-08-07
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 6032
Investigator: JBODee
Referred To: Not reported
Reported to Dept: 1998-08-07
CID: 204
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-08-07
Spill Record Last Update: 2005-05-14
Spiller Name: JOSEPHINE LOMBARDO
Spiller Company: 915 SKIBO LANE
Spiller Address: 915 SKIBO LANE
Spiller City,St,Zip: MAMARONECK, NY
Spiller County: 001
Spiller Contact: AMY DUFFY
Spiller Phone: (914) 328-6459
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 163389
DEC Memo: "05/14/05 ROYAL ENVIRONMENTAL COMPLETED CLEANUP. jod"
Remarks: "HOLE IN TANK "

Material:
Site ID: 196127
Operable Unit ID: 1066966
Operable Unit: 01

915 SKIBO LANE (Continued) **S103483212**

Material ID:	320434
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

S85 **RESIDENCE** **NY LTANKS** **S106472001**
WSW **10 NASSAU RD** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.366 mi.
1932 ft. **Site 1 of 3 in cluster S**

Relative:
Higher

Actual:
15 ft.

LTANKS:

Site ID:	138656
Spill Number/Closed Date:	0403388 / 2004-10-28
Spill Date:	2004-06-29
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2004-06-29
CID:	405
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-06-29
Spill Record Last Update:	2004-10-28
Spiller Name:	GEORGE BISCOV
Spiller Company:	RESIDENCE
Spiller Address:	10 NASSAU RD
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	GEORGE BISCOV
Spiller Phone:	(917) 667-4501
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	118552
DEC Memo:	" 06/29/04 TANK FAILED TWO TANKS TESTS THAT WERE NOT REPORTED. HOLES FOUND IN TANK, CONTAMINATED SOIL BEING STOCKPILED. REPORT TO FOLLOW. jbo 10/28/04 ELITE ENVIRONMENTAL DISPOSED OF LUST AND 18.87 TONS OF CONTAMINATED SOIL. BASED UPON THE INFORMATION SUPPLIED TO DEC, NO

RESIDENCE (Continued) **S106472001**

FURTHER ACTION IS REQUIRED AT THIS TIME. jbo"
Remarks: "TANK REMOVAL, TANK FAILED"

Material:
Site ID: 138656
Operable Unit ID: 885632
Operable Unit: 01
Material ID: 490974
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

R86 **PIRNICK RESIDENCE** **NY LTANKS** **S109208738**
NNW **818 WOODBINE AVE** **NY Spills** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.366 mi.
1933 ft. **Site 2 of 2 in cluster R**

Relative:
Higher

Actual:
39 ft.

LTANKS:
Site ID: 400598
Spill Number/Closed Date: 0803802 / 2008-09-23
Spill Date: 2008-07-01
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6032
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 2008-07-01
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
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 City,St,Zip: MANAMACK, NY
Spiller County: 001
Spiller Contact: WILLIE BLUM
Spiller Phone: (845) 528-0730

PIRNICK RESIDENCE (Continued) **S109208738**

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"

Material:
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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 400598
Spill Tank Test: 2486407
Tank Number: Not reported
Tank Size: 550
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified: Not reported
Test Method: Horner EZ Check I or II

SPILLS:
Facility ID: 0813980
Facility Type: ER
DER Facility ID: 349880
Site ID: 411700
DEC Region: 3
Spill Date: 2009-03-26
Spill Number/Closed Date: 0813980 / 2013-12-12
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 6032
Investigator: JBODEE
Referred To: Not reported
Reported to Dept: 2009-03-26
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling

PIRNICK RESIDENCE (Continued) **S109208738**

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 City,St,Zip:	MAMARONECK, NY
Spiller Company:	999
Contact Name:	NIKKI RICKETTS
Contact Phone:	(914) 381-4280
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."

Material:

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:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

S87 **RESIDENCE** **NY LTANKS** **S106124609**
WSW **2 CAMBRIDGE COURT** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.377 mi.
1992 ft. **Site 2 of 3 in cluster S**

Relative:
Higher

Actual:
17 ft.

LTANKS:

Site ID:	293841
Spill Number/Closed Date:	0311004 / 2003-12-31
Spill Date:	2003-12-26
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck

RESIDENCE (Continued) **S106124609**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	2003-12-26
CID:	402
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-12-26
Spill Record Last Update:	2004-01-13
Spiller Name:	ED ALLAN
Spiller Company:	ROBISON OIL
Spiller Address:	500 EXECUTIVE BLVD
Spiller City,St,Zip:	ELMSFORD, NY 10523
Spiller County:	001
Spiller Contact:	RAPP
Spiller Phone:	(914) 833-7036
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	237796
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"OIL COMPANY OVER FILLED TANK. IT HAS BEEN RECOVERED"

Material:

Site ID:	293841
Operable Unit ID:	878770
Operable Unit:	01
Material ID:	499836
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

T88 **ORIENTA BEACH CLUB** **NY LTANKS** **U003647894**
East **1054 WALTON AVE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.382 mi.
2018 ft. **Site 1 of 2 in cluster T**

Relative:
Higher

Actual:
15 ft.

LTANKS:

Site ID:	488424
Spill Number/Closed Date:	1307738 / Not Reported
Spill Date:	2013-10-29
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	6032
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2013-10-29
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	4
Date Entered In Computer:	2013-10-29
Spill Record Last Update:	2014-03-25
Spiller Name:	Not reported
Spiller Company:	BEACH CLUB
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	RICH BELL
Spiller Phone:	(914) 698-1900
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	203027
DEC Memo:	"10-29-13 Spoke with Lisa Smith at Beach Club. She will have either the General Manager, Mark Sheehan or Rich Bell, maintenance manager, return call to dispatch desk regarding the plans for this tank - EIR or tank pull. jm 10-31-13 Received callback from Mark Sheehan. He says that they did retest and tank passed. They found leak was in return line but there was no petroleum release. They have hired a licensed plumber who will be replacing this line. jm 2-3-14 Kathy called to update spill. She mentioned that they tested the isolated tank in Oct 2013 and it passed. New lines have been installed since then. She said envirotube in pvc piping. The retest of the system failed. jc 2-4-14: Kathy/US Tk.Tech call to Dispt./V.Mc. UST failed re-test. 2-4-14 sent email to WCHD plesase remove tanks, RDB 2-4-4 called Kathy and asked what the story was, tested on 10-29 failed, 10-31 islates tank and it passed, plumber replaced lines retested 2-3-14, and it failed, readjusted a vent and retested on 2-4-14 and it failed I requested a new spill number 13-10549 & 13-11171 RDB 03-4-2014 advised WCHD tank needs to be replaced. RDB 03-102014 email from WCHD, to Beach club, tank needs replacement. 03-25-14 close spill 13-10549 and leave 13-07738 Open RDB 03-25-14, email update, Received an email yesterday from Orienta stating that Robinson will

ORIENTA BEACH CLUB (Continued) **U003647894**

remove the tank and replace with an AST. Yold them to get the permits in by Friday RDB"
Remarks: "3000 gal ust"

Material:
Site ID: 488424
Operable Unit ID: 1238042
Operable Unit: 01
Material ID: 2237853
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 488424
Spill Tank Test: 2494661
Tank Number: 000
Tank Size: 3000
Test Method: 21
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: JBODEE
Last Modified: Not reported
Test Method: Horner EZY3/EZY3 Locator Plus

Site ID: 112616
Spill Number/Closed Date: 9407254 / 1994-10-13
Spill Date: 1994-08-26
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1994-10-13
Cleanup Meets Standard: False
SWIS: 6032
Investigator: WXWADSWO
Referred To: Not reported
Reported to Dept: 1994-08-29
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1994-09-07
Spill Record Last Update: 1994-12-19
Spiller Name: Not reported
Spiller Company: Not reported

ORIENTA BEACH CLUB (Continued) **U003647894**

Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	203027
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:	"E I R PETRO-TITE -.103"

Material:

Site ID:	112616
Operable Unit ID:	1004680
Operable Unit:	01
Material ID:	380266
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	112616
Spill Tank Test:	1543093
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Unknown

Site ID:	247259
Spill Number/Closed Date:	0206814 / 2002-10-28
Spill Date:	2002-10-01
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2002-10-01
CID:	233

ORIENTA BEACH CLUB (Continued) **U003647894**

Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-10-01
Spill Record Last Update:	2008-10-27
Spiller Name:	RICHIE BELL
Spiller Company:	ORIENTA BEACH CLUB
Spiller Address:	1054 WALTON AVE
Spiller City,St,Zip:	MAMARONECK, NY
Spiller County:	999
Spiller Contact:	RICHIE BELL
Spiller Phone:	(914) 698-1900
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	203027
DEC Memo:	" 10/28/02 TANK PASSED RETEST AFTER BEING REPIPED. TANK WAS FIBERGLASS LINED IN 1994. CONDITION OF SOIL AROUND-BENEATH TANK IS UNKNOWN AT THIS TIME. jod"
Remarks:	"u/g tank failed test property rep was on scene when tank failed tank is being uncovered for a retest "

Material:

Site ID:	247259
Operable Unit ID:	858580
Operable Unit:	01
Material ID:	517409
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	247259
Spill Tank Test:	1527519
Tank Number:	1
Tank Size:	3000
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

Site ID:	404618
Spill Number/Closed Date:	0807278 / 2008-10-27
Spill Date:	2008-09-29
Spill Cause:	Tank Test Failure

ORIENTA BEACH CLUB (Continued) **U003647894**

Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	6032
Investigator:	jbodee
Referred To:	WCDOH PBS 3-600663
Reported to Dept:	2008-09-29
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2008-09-29
Spill Record Last Update:	2009-01-21
Spiller Name:	RICHIE BELL
Spiller Company:	ORIENTA BEACH CLUB
Spiller Address:	1054 WALTON AVE
Spiller City,St,Zip:	MAMARONECK, NY
Spiller County:	999
Spiller Contact:	KATHY MORGAN
Spiller Phone:	(845) 225-5240
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	203027
DEC Memo:	"This is a Westchester County PBS facility - mm 10/27/2008: Tank passed a retest after piping was repaired. Tank was fiberglassed lined in 1994. Two new duplex fittings and 4 new sleeved fuel lines were installed in October of 2002 - see spill 02-06814. Based upon the information provided to DEC, No Further Action is required at this time. jod"
Remarks:	"TANK TEST FAILURE OF A 3000 GALLON TANK, NO PRODUCT WAS SPILLED."

Material:

Site ID:	404618
Operable Unit ID:	1161265
Operable Unit:	01
Material ID:	2152460
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	492058
Spill Number/Closed Date:	1311171 / 2014-03-25

ORIENTA BEACH CLUB (Continued) **U003647894**

Spill Date:	2014-02-27
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	6032
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2014-02-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-02-27
Spill Record Last Update:	2014-03-25
Spiller Name:	RICH BELL
Spiller Company:	ORIENTA BEACH CLUB
Spiller Address:	1054 WALTON AVE
Spiller City,St,Zip:	MAMORNECK, NY
Spiller County:	999
Spiller Contact:	RICH BELL
Spiller Phone:	(914) 698-1900
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	203027
DEC Memo:	"2/27/14- Spoke to Rich Bell. Confirmed this is 3rd failure for tank. He is contacting his oil co., Robison Oil, to empty tank and set up temp. tank. he was provided names of tank removal contractors. He will be removing tank. DT 03252014 13-07738 OPEN, 13-10549 CLOSED 13-11171 CLOSED"
Remarks:	"3000 GALLON TANK, 3rd SPILL #"

Material:

Site ID:	492058
Operable Unit ID:	1241597
Operable Unit:	01
Material ID:	2242063
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	351660

ORIENTA BEACH CLUB (Continued) **U003647894**

Spill Number/Closed Date:	0506442 / 2005-09-11
Spill Date:	2005-08-25
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	JBODee
Referred To:	WCDOH
Reported to Dept:	2005-08-25
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-08-25
Spill Record Last Update:	2005-09-11
Spiller Name:	RICHY BELL
Spiller Company:	ORIENTA BEACH CLUB
Spiller Address:	10954 WALTON AVE
Spiller City,St,Zip:	MANAMAK, NY
Spiller County:	001
Spiller Contact:	RICHY BELL
Spiller Phone:	(914) 619-1900
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	203027
DEC Memo:	"September 11, 2005: TANK PASSED A RETEST AFTER PIPING WAS REPAIRED. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"PBS No: 3-600663 "

Material:

Site ID:	351660
Operable Unit ID:	1109160
Operable Unit:	01
Material ID:	2099151
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	351660
Spill Tank Test:	1549245
Tank Number:	1
Tank Size:	3000

ORIENTA BEACH CLUB (Continued) **U003647894**

Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

T89 **ORIENTA BEACH CLUB: 3K UST** **NY LTANKS** **S116156849**
East **1054 WALTON AVE** **N/A**
1/4-1/2 **MAMARNECK, NY**
0.382 mi.
2018 ft. **Site 2 of 2 in cluster T**

Relative:
Higher

Actual:
15 ft.

LTANKS:

Site ID:	491403
Spill Number/Closed Date:	1310549 / 2014-03-25
Spill Date:	2014-02-04
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	6032
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2014-02-04
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-02-04
Spill Record Last Update:	2014-03-25
Spiller Name:	RICH BELL
Spiller Company:	ORIENTA BEACH CLUB
Spiller Address:	1054 WALTON AVE
Spiller City,St,Zip:	MAMORNECK, NY
Spiller County:	999
Spiller Contact:	RICH BELL
Spiller Phone:	(914) 698-1900
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	446397
DEC Memo:	"2-4-14: V.Mc. call to Mr.R.Bell: Spoke with Lisa/Club: Mr.Bell left for day. Mr. Bell to callbk. to Dispt. in morning. 2/6/14- Call back from Rich Bell. He reports that feed & return line were replaced and tank system tested again. Test failed; suspect leak at fitting for fill or vent. Fill and vent lines to be replaced and system tested again. He reports that tank test alone did pass. DT 03-4-2014 advised WCHD tank needs to be replaced. RDB 03-102014 email from WCHD, to Beach club, tank needs replacement. 03-25-14 close this spill and leave 13-07738 Open RDB"
Remarks:	"3000 TEST FAILURE, FAILED RETEST"

ORIENTA BEACH CLUB: 3K UST (Continued) **S116156849**

Material:

Site ID:	491403
Operable Unit ID:	1240961
Operable Unit:	01
Material ID:	2241211
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

90
WNW
1/4-1/2
0.383 mi.
2020 ft.

Relative:
Higher

Actual:
31 ft.

CENTRAL SCHOOL **NY LTANKS** **U003646706**
PALMER AVE **N/A**
LARCHMONT, NY

LTANKS:

Site ID:	63916
Spill Number/Closed Date:	9305290 / 1994-05-24
Spill Date:	1993-07-27
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	6000
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1993-07-29
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-07-30
Spill Record Last Update:	1999-01-16
Spiller Name:	Not reported
Spiller Company:	MAMARONECK SCHOOL DIST.
Spiller Address:	1000 WEST BOSTON POST RD.
Spiller City,St,Zip:	MAMARONECK, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	61663

CENTRAL SCHOOL (Continued) **U003646706**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY CLOSED BY J O'MARA, ASSESSMENT REPORT BELOW STARS"
Remarks: "PIPING LEAK NOTICED IN TANK PULL 500 YARDS SOIL REMOVED VERY LITTLE IN GROUNDWATER BOB SPERONI INSPECTED PULLING SIX OTHER TANKS CONVERTING TO NATURAL GAS WCHD NOTIFIED"

Material:
Site ID: 63916
Operable Unit ID: 986796
Operable Unit: 01
Material ID: 395219
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

91
SE
1/4-1/2
0.386 mi.
2038 ft.

RESIDENCE **NY LTANKS** **S109829744**
1084 BAYHEAD DRIVE **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
9 ft.

LTANKS:
Site ID: 416951
Spill Number/Closed Date: 0904745 / 2010-09-15
Spill Date: 2009-07-23
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6032
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2009-07-23
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: 2010-05-19
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2009-07-23
Spill Record Last Update: 2010-09-15
Spiller Name: Not reported
Spiller Company: RESIDENTIAL TANK
Spiller Address: Not reported
Spiller City,St,Zip: NY

RESIDENCE (Continued) **S109829744**

Spiller County: 999
Spiller Contact: RANDY
Spiller Phone: (914) 843-7670
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 366020
DEC Memo: "7-23-09 As stated by Kathy, they have recommended E, I & R to homeowner. jm 9/9/09 - EnviroStar removed the tank. The tank has holes and there is soil impacts. EnviroStar will submit cleanup report to DEC. KAB 9/17/09: This is an Allstate claim, H2M is the consultant. Envirostar has removed approx 200 tons to date. Ground water has been impacted and there is a thick smear zone due to tidal influences. Additional contamination extends beneath a garage. Further excavation ongoing today and Martha from H2M will be back onsite tomorrow. jod 9/21/09: E-mail in edocs. jod 10/14/09: Received a recommendation proposal from Lighthouse Environmental, forwarded from attorney David Gladstone - reps for the prospective buyer. See edocs. jod 2/16/10: Update from Martha Relyea of H2M: As per Envirostar's monitoring logs (attached), we are consistently getting -inch or greater of floating product within the wells. We are currently completing VEFR events two (2) times per week based upon the continued presence of floating product. However, Mr. Bonnist is wondering whether there are any alternative options that could speed up product recovery and/or groundwater remediation. Two things I mentioned to him were the possibility of a pump and treat system, and using a bioremediation technique. I know the traditional approach is to continue with the VEFR's until product is non-detect within both wells, but would the NYSDEC be interested in either of these two approaches? If so, I can look into obtaining estimates accordingly. Otherwise, we will continue with the VEFRs as per usual. >>H2M will discuss alternative methods of ground water remediation with the owner and update DEC. jod 5/10/10: Temporary pump and treat system had been installed and was in operation for approx 2 months, and was then removed this week. Trace amounts of free product are still accumulating in the recovery wells. Remediation is now back to VEFRs. The original prospective buyer is no longer involved. Daniel Natchez is the rep for the new prospective buyer. He met on site this morning with H2M - then discussed the spill file with me - and states he will now discuss additional remedial proposals with the owner and their contractors. jod 5/11/10: I spoke with the property owner Mr Randy Bonnist. An onsite meeting is tentatively scheduled for 5-19-10 to discuss further remedial options. jod 5/19/10: Site inspection. Free product still being recovered from the monitoring wells. VEFR operations to date are insufficient. Further subsurface investigation necessary and required. jod 6/4/10: H2M has scheduled a geoprobe investigation for Monday 6-7-10. Report will follow. jod 6/15/10: I received a call from Marc DiBartolo of Envirostar. H2M has requested an estimate for the removal of an additional 150 tons of contaminated soil. Report from H2M received and entered into eDocs. Contamination is still extensive under the driveway and to the rear of the property. jod 7/12/10: Site inspection with the property owner, Martha and Augustine from H2M, and Marc DiBartolo and the rest of Envirostar's crew. In the last two weeks, an additional 300+ tons of petroleum contaminated soil has been excavated and removed. Over 1,000 tons has been disposed of to date. This morning, approx 3,000 gallons of petroleum contaminated ground water was removed with a vaccuum truck. Contaminated soil is still extensive going toward the

RESIDENCE (Continued) **S109829744**

driveway. Free product continues to flow into the excavation with ground water recharge. Additional excavation and disposal will take place. H2M will notify DEC when further work has been completed for another inspection. jod 9/15/10: Final closure report from Envirostar Corp reviewed by DEC. Report will be entered into eDocs. A total of 1562.02 tons of petroleum contaminated soil was removed and shipped for disposal. A total of more than 10,000 gallons of petroleum contaminated ground water removed. Final sample results reviewed. Based upon the information provided, no further action is required at this time. jod"

Remarks: "1511 The caller advised dispatch the tank failed their test. The caller recommends repair and retest to the property owner."

Material:

Site ID:	416951
Operable Unit ID:	1173210
Operable Unit:	01
Material ID:	2165104
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	416951
Spill Tank Test:	2489440
Tank Number:	1
Tank Size:	1000
Test Method:	21
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	jbodee
Last Modified:	Not reported
Test Method:	Horner EZY3/EZY3 Locator Plus

Site ID:	416951
Spill Number/Closed Date:	0904745 / 2010-09-15
Spill Date:	2009-07-23
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2009-07-23
CID:	Not reported
Water Affected:	Not reported

RESIDENCE (Continued) **S109829744**

Spill Notifier:	Tank Tester
Last Inspection:	2010-05-19
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2009-07-23
Spill Record Last Update:	2010-09-15
Spiller Name:	Not reported
Spiller Company:	RESIDENTIAL TANK
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	DANIEL NATCHEZ
Spiller Phone:	914-698-5678
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	366020
DEC Memo:	"7-23-09 As stated by Kathy, they have recommended E, I & R to homeowner. jm 9/9/09 - EnviroStar removed the tank. The tank has holes and there is soil impacts. EnviroStar will submit cleanup report to DEC. KAB 9/17/09: This is an Allstate claim, H2M is the consultant. Envirostar has removed approx 200 tons to date. Ground water has been impacted and there is a thick smear zone due to tidal influences. Additional contamination extends beneath a garage. Further excavation ongoing today and Martha from H2M will be back onsite tomorrow. jod 9/21/09: E-mail in edocs. jod 10/14/09: Received a recommendation proposal from Lighthouse Environmental, forwarded from attorney David Gladstone - reps for the prospective buyer. See edocs. jod 2/16/10: Update from Martha Relyea of H2M: As per Envirostar's monitoring logs (attached), we are consistently getting -inch or greater of floating product within the wells. We are currently completing VEFR events two (2) times per week based upon the continued presence of floating product. However, Mr. Bonnist is wondering whether there are any alternative options that could speed up product recovery and/or groundwater remediation. Two things I mentioned to him were the possibility of a pump and treat system, and using a bioremediation technique. I know the traditional approach is to continue with the VEFR's until product is non-detect within both wells, but would the NYSDEC be interested in either of these two approaches? If so, I can look into obtaining estimates accordingly. Otherwise, we will continue with the VEFRs as per usual. >>H2M will discuss alternative methods of ground water remediation with the owner and update DEC. jod 5/10/10: Temporary pump and treat system had been installed and was in operation for approx 2 months, and was then removed this week. Trace amounts of free product are still accumulating in the recovery wells. Remediation is now back to VEFRs. The original prospective buyer is no longer involved. Daniel Natchez is the rep for the new prospective buyer. He met on site this morning with H2M - then discussed the spill file with me - and states he will now discuss additional remedial proposals with the owner and their contractors. jod 5/11/10: I spoke with the property owner Mr Randy Bonnist. An onsite meeting is tentatively scheduled for 5-19-10 to discuss further remedial options. jod 5/19/10: Site inspection. Free product still being recovered from the monitoring wells. VEFR operations to date are insufficient. Further subsurface investigation necessary and required. jod 6/4/10: H2M has scheduled a geoprobe investigation for Monday 6-7-10. Report will follow. jod 6/15/10: I

RESIDENCE (Continued) **S109829744**

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Remarks: "1511 The caller advised dispatch the tank failed their test. The caller recommends repair and retest to the property owner."

Material:

Site ID:	416951
Operable Unit ID:	1173210
Operable Unit:	01
Material ID:	2165104
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	416951
Spill Tank Test:	2489440
Tank Number:	1
Tank Size:	1000
Test Method:	21
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	jbodee
Last Modified:	Not reported
Test Method:	Horner EZY3/EZY3 Locator Plus

92
WSW
1/4-1/2
0.386 mi.
2039 ft.

HIGHWAY GARAGE FACILITY
2015 BOSTON POST ROAD
LARCHMONT, NY

NY LTANKS **S106385487**
N/A

Relative:
Higher

Actual:
23 ft.

LTANKS:

Site ID:	137925
Spill Number/Closed Date:	0313262 / 2004-03-11
Spill Date:	2004-03-03
Spill Cause:	Tank Failure
Spill Source:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2004-03-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-03-03
Spill Record Last Update:	2004-03-11
Spiller Name:	LT. STERNEMANN
Spiller Company:	VILLAGE YARD
Spiller Address:	2015 BOSTON POST ROAD
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	LT. STERNEMANN
Spiller Phone:	(914) 834-0016
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	117943
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-BADOLATO 03/11/04 SPILL TO PAVEMENT, CLEAN UP COMPLETED. CLOSED BY CINDY BADOLATO OF WESTCHESTER COUNTY HEALTH DEPARTMENT."
Remarks:	"TANK EXPLOSION SPRAYED ONTO CAR DEALERSHIP ADJACENT TO THE PROPERTY. SPILLL CLEANED, CLEANED W/ ABSORBALL"

Material:

Site ID:	137925
Operable Unit ID:	880450
Operable Unit:	01
Material ID:	498420
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

HIGHWAY GARAGE FACILITY (Continued) **S106385487**

Tank Test:

Site ID:	137926
Spill Number/Closed Date:	9606492 / 1996-09-30
Spill Date:	1996-08-20
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-08-20
CID:	252
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1996-08-20
Spill Record Last Update:	2003-08-27
Spiller Name:	JOE BEDARD
Spiller Company:	HIGHWAY GARAGE FACILITY
Spiller Address:	2015 BOSTON POST ROAD
Spiller City,St,Zip:	LARCHMONT, ZZ
Spiller County:	001
Spiller Contact:	JOE BEDARD
Spiller Phone:	(914) 834-6965
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	117943
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 09/30/96 GASOLINE TANK REMOVAL BY NES; SMALL AMOUNT OF CONTAMIN- ATED SOIL REMOVED. (APPROX. 60 TONS); LAB ANALYSIS WITH RESULTS DONE MOSTLY NON-DETECT A FEW MINOR HITS "
Remarks:	"after digging up tank at highway department it was noticed tank had a hole in it-this also has caused soil contamination and is still under investigation"

Material:

Site ID:	137926
Operable Unit ID:	1037483
Operable Unit:	01
Material ID:	345757
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported

HIGHWAY GARAGE FACILITY (Continued) **S106385487**

Oxygenate: Not reported

Tank Test:

93
WSW
1/4-1/2
0.387 mi.
2046 ft.

BIRDVELL RESIDENCE **NY LTANKS** **S105997452**
4 FOREST PARK AVE **N/A**
LARCHMONT, NY

Relative:
Higher

Actual:
23 ft.

LTANKS:

Site ID:	249561
Spill Number/Closed Date:	0208984 / 2003-02-27
Spill Date:	2002-12-02
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2002-12-02
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-12-02
Spill Record Last Update:	2003-09-02
Spiller Name:	CALLER
Spiller Company:	BIRDVELL RES
Spiller Address:	4 FOREST PARK AVE
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	204580
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 02/27/03 ENVIROSTAR DISPOSED OF TANK AND 48.88 TONS CONTAMIN SOIL. GW WAS IMPACTED, MON WELL INSTALLED AND SAMPLED. NFA."
Remarks:	"PULLED TANK AND ENCOUNTERED CONTAMINATED SOIL. STOCKPILING NOW."

Material:

Site ID:	249561
Operable Unit ID:	860411
Operable Unit:	01
Material ID:	515974
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

BIRDVELL RESIDENCE (Continued) **S105997452**

Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

S94 **RESIDENCE** **NY LTANKS** **S103238674**
WSW **3 CAMBRIDGE CT** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.400 mi.
2111 ft. **Site 3 of 3 in cluster S**

Relative:
Higher

Actual:
21 ft.

LTANKS:

Site ID:	161347
Spill Number/Closed Date:	9800085 / 1998-05-01
Spill Date:	1998-04-02
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1998-04-02
CID:	366
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-04-02
Spill Record Last Update:	1998-05-13
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	GREGORY HALL
Spiller Phone:	(914) 833-0438
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	136232
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 04-25-98 21.95 TONS OF SOIL REMOVED AND DISPOSED OF."
Remarks:	"CALLER REPORTING THAT CONTAMINATED SOIL WAS FOUND IN AREA OF OLD UST. SOIL SAMPLES EXCEEDED LIMITS. HOMEOWNERS ADVISED TO HAVE TANK REMOVED."

Material:

Site ID:	161347

RESIDENCE (Continued) **S103238674**

Operable Unit ID:	1057502
Operable Unit:	01
Material ID:	325639
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

95
WSW
1/4-1/2
0.401 mi.
2118 ft.

FLINT PARK
END OF BIRCH LANE
LARCHMONT, NY

NY LTANKS **S102233533**
N/A

Relative:
Higher

Actual:
19 ft.

LTANKS:

Site ID:	101385
Spill Number/Closed Date:	9601118 / 1998-02-23
Spill Date:	1996-04-22
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-04-23
CID:	297
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-04-23
Spill Record Last Update:	1998-03-18
Spiller Name:	JOE MORGAN
Spiller Company:	VILLAGE OF LARCHMONT
Spiller Address:	120 LARCHMONT AV
Spiller City,St,Zip:	LARCHMONT, NY 10538-
Spiller County:	001
Spiller Contact:	JOE MORGAN
Spiller Phone:	(914) 834-6210
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	89840
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 04/23/96 TANK TAKEN OUT OF SERVICE 30 YEARS AGO; RECENT

FLINT PARK (Continued) **S102233533**

FLOODING CAUSED LEACHING TANK BELIEVED TO HAVE BEEN EMPTIED; 02/23/98 CLOSURE REPORT RECEIVED; NFA; "

Remarks: "AN UNDERGROUND FUEL OIL TANK IS LEAKING DURING A FLOODING CONDITION IRA D CONKLIN WAS NOTIFIED AND WILL BE HIRED TO CLEAN UP SPILL"

Material:

Site ID:	101385
Operable Unit ID:	1032668
Operable Unit:	01
Material ID:	350940
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

96
NW
1/4-1/2
0.402 mi.
2120 ft.

Relative: Higher

Actual: 43 ft.

LARCHMONT ACRES EAST **NY LTANKS S100964730**
RICHBELL ROAD **NY Spills N/A**
LARCHMONT, NY

LTANKS:

Site ID:	218318
Spill Number/Closed Date:	9011518 / 1992-03-10
Spill Date:	1978-02-01
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	1992-02-11
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1991-02-01
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	1991-02-11
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-02-05
Spill Record Last Update:	2004-04-29
Spiller Name:	Not reported
Spiller Company:	SAMPSON MANAGEMENT
Spiller Address:	97-77 QUEENS BLVD
Spiller City,St,Zip:	REGO PARK, ZZ
Spiller County:	001

LARCHMONT ACRES EAST (Continued) **S100964730**

Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	180621
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks:	"BUILDINGS 5,6,7,8 INVOLVED EACH HAD A TANK WHICH WAS ABANDONED AND ABOVE GROUND PUT IN 12 YEARS AGO OIL SEEPING THRU BASEMENT WALL INTO BOILER AREA 2 MONTHS AGO #7 TANK WAS REMOVED FD & BLDG INSP.THER"

Material:

Site ID:	218318
Operable Unit ID:	951558
Operable Unit:	01
Material ID:	428057
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

SPILLS:

Facility ID:	0409496
Facility Type:	ER
DER Facility ID:	180621
Site ID:	334325
DEC Region:	3
Spill Date:	2004-11-23
Spill Number/Closed Date:	0409496 / 2005-01-01
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6000
Investigator:	JBODee
Referred To:	WCHD
Reported to Dept:	2004-11-23
CID:	407
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:	2004-11-29
Spill Record Last Update:	2005-01-05

LARCHMONT ACRES EAST (Continued) **S100964730**

Spiller Name:	CHRIS HARRIS
Spiller Company:	LARCHMONT ACRES EAST
Spiller Address:	RICHBELL ROAD
Spiller City,St,Zip:	LARCHMONT, NY
Spiller Company:	001
Contact Name:	CHRIS HARRIS
Contact Phone:	(914) 834-0737
DEC Memo:	"01/05/05 CLEAN UP COMPLETED. SPILL FILE CLOSED BY STEFAN GOREAU OF THE WESTCHESTER COUNTY HEALTH DEPT. NO FURTHER ACTION IS REQUIRED AT THIS TIME. jbo"
Remarks:	"Amount: 1 cup."

Material:

Site ID:	334325
Operable Unit ID:	1096464
Operable Unit:	01
Material ID:	576390
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

U97 **MAMARONECK HIGH SCHOOL** **RCRA-CESQG 1000156023**
NW **PALMER AVE BLDG** **NY LTANKS NYD980664171**
1/4-1/2 **MAMARONECK, NY 10543** **NJ MANIFEST**
0.410 mi. **NY MANIFEST**
2167 ft. **Site 1 of 2 in cluster U**

Relative: Higher

Actual: 37 ft.

RCRA-CESQG:

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.
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

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

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
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
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:	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

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

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

. 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:
Site ID: 246822
Spill Number/Closed Date: 8708014 / 1989-11-29
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
Cleanup Meets Standard: True
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
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1987-12-22

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Spill Record Last Update:	1989-11-29
Spiller Name:	DICK GARDNER
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
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"

Material:

Site ID:	246822
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
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	246822
Spill Tank Test:	1532694
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Unknown

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

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

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 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
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:

EPA ID:	NYD980664171
Country:	USA
Location Address 1:	1000 WEST BOSTON POST ROAD
Location Address 2:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip Code:	10543

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Location Zip Code 4: Not reported

Mailing Info:
Name: MAMARONECK UNION FREE SCHOOL DISTRICT
Contact: MAMARONECK UNION FREE SCHOOL DISTRICT
Address: 1000 WEST BOSTON POST ROAD
City/State/Zip: MAMARONECK, NY 10543
Country: USA
Phone: 000-000-0000

Manifest:

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NY0000182675
Trans2 State ID: Not reported
Generator Ship Date: 11/04/2009
Trans1 Recv Date: 11/04/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/05/2009
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: NYD082785429
Waste Code: Not reported
Quantity: 22.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 005227984JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NY0000182675
Trans2 State ID: Not reported
Generator Ship Date: 11/04/2009
Trans1 Recv Date: 11/04/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/05/2009
Part A Recv Date: Not reported

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Part B Recv Date:	Not reported
Generator EPA ID:	NYD980664171
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	Not reported
Quantity:	14.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005227984JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	11/04/2009
Trans1 Recv Date:	11/04/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/05/2009
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:	NYD082785429
Waste Code:	Not reported
Quantity:	32.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005227985JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	11/04/2009
Trans1 Recv Date:	11/04/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/05/2009
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:	NYD082785429
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005227985JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	11/04/2009
Trans1 Recv Date:	11/04/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/05/2009
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:	NYD082785429
Waste Code:	Not reported

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Quantity:	75.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005227984JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	11/04/2009
Trans1 Recv Date:	11/04/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/05/2009
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:	NYD082785429
Waste Code:	Not reported
Quantity:	4.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005227985JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	11/04/2009
Trans1 Recv Date:	11/04/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/05/2009
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:	NYD082785429
Waste Code:	Not reported
Quantity:	35.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	005227984JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	11/04/2009
Trans1 Recv Date:	11/04/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/05/2009
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:	NYD082785429
Waste Code:	Not reported
Quantity:	28.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Year:	2009
Manifest Tracking Num:	005227985JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
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
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:	RID040098352
Waste Code:	Not reported
Quantity:	12
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
Year:	2013
Manifest Tracking Num:	005221619JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	PAD982661381
Generator Ship Date:	06/24/2013
Trans1 Recv Date:	06/24/2013

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Trans2 Recv Date:	07/01/2013
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:	RID040098352
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
Year:	2013
Manifest Tracking Num:	005221619JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
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
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:	RID040098352
Waste Code:	Not reported
Quantity:	4
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	005221619JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	01/11/2007
Trans1 Recv Date:	01/11/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/12/2007
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:	NYD082785429
Waste Code:	Not reported
Quantity:	40
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	001134146JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	01/11/2007
Trans1 Recv Date:	01/11/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/12/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980664171
Trans1 EPA ID:	Not reported

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Trans2 EPA ID:	Not reported
TSDF ID:	NYD082785429
Waste Code:	Not reported
Quantity:	38
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	001134146JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	01/11/2007
Trans1 Recv Date:	01/11/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/12/2007
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:	NYD082785429
Waste Code:	Not reported
Quantity:	2
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	001134146JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NY0000182675
Trans2 State ID: Not reported
Generator Ship Date: 01/11/2007
Trans1 Recv Date: 01/11/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/12/2007
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: NYD082785429
Waste Code: Not reported
Quantity: 18
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2007
Manifest Tracking Num: 001134146JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NY0000182675
Trans2 State ID: Not reported
Generator Ship Date: 01/11/2007
Trans1 Recv Date: 01/11/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/12/2007
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: NYD082785429
Waste Code: Not reported
Quantity: 8
Units: P - Pounds
Number of Containers: 1

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	001134145JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	Not reported
Generator Ship Date:	01/11/2007
Trans1 Recv Date:	01/11/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/12/2007
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:	NYD082785429
Waste Code:	Not reported
Quantity:	2
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
Year:	2007
Manifest Tracking Num:	001134145JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Trans2 State ID:	Not reported
Generator Ship Date:	01/11/2007
Trans1 Recv Date:	01/11/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/12/2007
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:	NYD082785429
Waste Code:	Not reported
Quantity:	72
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
Year:	2007
Manifest Tracking Num:	001134145JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	NJD080631369
Generator Ship Date:	03/08/2007
Trans1 Recv Date:	03/08/2007
Trans2 Recv Date:	03/09/2007
TSD Site Recv Date:	03/15/2007
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:	MA5000004713
Waste Code:	Not reported
Quantity:	18
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	002636524JJK
Import Ind:	N

MAMARONECK HIGH SCHOOL (Continued) **1000156023**

Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0000182675
Trans2 State ID:	MA5000004713
Generator Ship Date:	01/11/2007
Trans1 Recv Date:	01/11/2007
Trans2 Recv Date:	01/16/2007
TSD Site Recv Date:	01/24/2007
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:	MA5000004713
Waste Code:	Not reported
Quantity:	7
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	001134148JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

V98 **ESTATE OF LANDES** **NY LTANKS** **S106471661**
WSW **10 CAMBRIDGE COURT** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.416 mi.
2197 ft. **Site 1 of 3 in cluster V**

Relative:
Higher

Actual:
23 ft.

LTANKS:

Site ID:	217696
Spill Number/Closed Date:	0401701 / 2004-09-14
Spill Date:	2004-05-17
Spill Cause:	Tank Failure

ESTATE OF LANDES (Continued) **S106471661**

Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2004-05-17
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-05-17
Spill Record Last Update:	2004-09-14
Spiller Name:	JENEEN FERRARA
Spiller Company:	ESTATE OF LANDES
Spiller Address:	10 CAMBRIDGE COURT
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	JENEEN FERRARA
Spiller Phone:	(914) 741-5472
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	180116
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 09/14/04 NES DISPOSED OF LUST AND 5.13 TONS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jbo"
Remarks:	"REMOVING A 1000 GALLON TANK: HOLES IN TANK: "

Material:

Site ID:	217696
Operable Unit ID:	885595
Operable Unit:	01
Material ID:	492896
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

U99 **ABINGTON SQUARE APTS** **NY LTANKS** **S102660216**
NW **905-909 PALMER AVE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.418 mi.
2205 ft. **Site 2 of 2 in cluster U**

Relative:
Higher

Actual:
37 ft.

LTANKS:

Site ID:	219261
Spill Number/Closed Date:	9707977 / 1998-02-25
Spill Date:	1997-10-06
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
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
UST Involvement:	False
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 City,St,Zip:	MAMARONECK, NY 10543-
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"

Material:

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

ABINGTON SQUARE APTS (Continued) **S102660216**

Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

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100 West 1/4-1/2 0.423 mi. 2232 ft.

CARRIER RESIDENCE **NY LTANKS** **S106000095**
45 CARLEON AV **N/A**
LARCHMONT, NY

Relative: Higher

Actual: 43 ft.

LTANKS:
Site ID: 174655
Spill Number/Closed Date: 0307038 / 2003-11-20
Spill Date: 2003-10-03
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6000
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2003-10-03
CID: 297
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2003-10-03
Spill Record Last Update: 2003-11-20
Spiller Name: CHRISTINA CARRIER
Spiller Company: Not reported
Spiller Address: 45 CARLEON AV
Spiller City,St,Zip: LARCHMONT, NY
Spiller County: 001
Spiller Contact: JENEEN CIANFLONE
Spiller Phone: (914) 741-5472
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 146873
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 11/20/03 NES DISPOSED OF LUST AND 33.30 TONS OF CONTAMINATED SOIL."
Remarks: "CALLERS COMPANY REMOVING A 550 GALLON INGROUND TANK, SOIL CONTAMINATION AND HOLES IN THE TANK DISCOVERED"

Material:
Site ID: 174655
Operable Unit ID: 873589

CARRIER RESIDENCE (Continued) **S106000095**

Operable Unit:	01
Material ID:	500625
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

101
NNW
1/4-1/2
0.424 mi.
2239 ft.

Relative:
Higher

Actual:
36 ft.

TANK TEST FAILURE **NY LTANKS** **S102106942**
808 PALMER AVE **NY Spills** **N/A**
MAMARONECK, NY

LTANKS:

Site ID:	444045
Spill Number/Closed Date:	1010441 / Not Reported
Spill Date:	2011-01-06
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
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
UST Involvement:	False
Remediation Phase:	4
Date Entered In Computer:	2011-01-06
Spill Record Last Update:	2015-04-07
Spiller Name:	Not reported
Spiller Company:	EXXON MOBIL
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
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

TANK TEST FAILURE (Continued) **S102106942**

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"

Material:
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
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:
Facility ID: 1010282
Facility Type: ER
DER Facility ID: 112480
Site ID: 443879
DEC Region: 3
Spill Date: 2011-01-02
Spill Number/Closed Date: 1010282 / Not Reported
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 6032
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: 4
Date Entered In Computer: 2011-01-02
Spill Record Last Update: 2015-04-07
Spiller Name: Not reported
Spiller Company: MOBIL
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: KAREEM

TANK TEST FAILURE (Continued) **S102106942**

Contact Phone:	(914) 381-4660
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"
Remarks:	"leak to outer wall of tank - contained - cleanup in progress"

Material:

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
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	1008726
Facility Type:	ER
DER Facility ID:	112480
Site ID:	442233
DEC Region:	3
Spill Date:	2010-11-19
Spill Number/Closed Date:	1008726 / Not Reported
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
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:	4
Date Entered In Computer:	2010-11-19
Spill Record Last Update:	2015-11-09
Spiller Name:	Not reported
Spiller Company:	MOBIL
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999

TANK TEST FAILURE (Continued) **S102106942**

Contact Name: KEVIN BRADLEY
Contact Phone: Not reported
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. 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 "
Remarks: "FOUND PRODUCT IN 5 MONITORING WELLS, CLEANUP PENDING."

Material:
Site ID: 442233
Operable Unit ID: 1192755
Operable Unit: 01
Material ID: 2188092
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum

TANK TEST FAILURE (Continued) **S102106942**

Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	1008787
Facility Type:	ER
DER Facility ID:	112480
Site ID:	442306
DEC Region:	3
Spill Date:	2010-11-19
Spill Number/Closed Date:	1008787 / Not Reported
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
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:	4
Date Entered In Computer:	2010-11-22
Spill Record Last Update:	2015-04-07
Spiller Name:	Not reported
Spiller Company:	EXXON MOBIL
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	999
Contact Name:	CARRIE
Contact Phone:	Not reported
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"
Remarks:	"Caller advised gas line leaking into soil from exxon gas station #11331. Clean up is pending."

TANK TEST FAILURE (Continued) **S102106942**

Material:

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
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	0506536
Facility Type:	ER
DER Facility ID:	112480
Site ID:	351769
DEC Region:	3
Spill Date:	2005-08-26
Spill Number/Closed Date:	0506536 / 2006-01-26
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
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 City,St,Zip:	MAMARONECK, NY
Spiller Company:	001
Contact Name:	KEN DRAKE
Contact Phone:	(908) 451-0956
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"

Material:

Site ID:	351769

TANK TEST FAILURE (Continued) **S102106942**

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:	Gallons
Recovered:	1.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	0402431
Facility Type:	ER
DER Facility ID:	112480
Site ID:	130536
DEC Region:	3
Spill Date:	2004-06-04
Spill Number/Closed Date:	0402431 / 2004-06-10
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
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 City,St,Zip:	MAMARONECK, NY 10543
Spiller Company:	001
Contact Name:	DANIEL BROWN
Contact Phone:	(800) 997-7725 3
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. "

TANK TEST FAILURE (Continued) **S102106942**

Material:

Tank Test:

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

W102 **FISCHER** **NY LTANKS** **S103568623**
SE **1010 CONSTABLE DR** **NY Spills** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.432 mi.
2281 ft. **Site 1 of 2 in cluster W**

Relative:
Higher

Actual:
9 ft.

LTANKS:

Site ID:	89041
Spill Number/Closed Date:	8703658 / 1988-04-28
Spill Date:	1987-08-04
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1988-04-28
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	dxtraver
Referred To:	Not reported
Reported to Dept:	1987-08-04
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-08-13
Spill Record Last Update:	1988-04-29
Spiller Name:	Not reported
Spiller Company:	PRECISE POOL
Spiller Address:	50 CHURCH ST
Spiller City,St,Zip:	GREENWICH, CT
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	81371
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TRAVER WC / / : WCHD TO INVESTIGATE. "
Remarks:	"SAME AS SPILL NO. 8704390 --NFA"

Material:

Site ID:	89041
Operable Unit ID:	910287
Operable Unit:	01
Material ID:	469885
Material Code:	0066A

FISCHER (Continued) **S103568623**

Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:
Facility ID: 8704390
Facility Type: ER
DER Facility ID: 137228
Site ID: 162668
DEC Region: 3
Spill Date: 1987-08-14
Spill Number/Closed Date: 8704390 / 1988-04-28
Spill Cause: Other
Spill Class: Not reported
SWIS: 6032
Investigator: WCHD
Referred To: Westchester Cnty Health Dept
Reported to Dept: 1987-08-14
CID: Not reported
Water Affected: NONE
Spill Source: Private Dwelling
Spill Notifier: Local Agency
Cleanup Ceased: 1988-04-28
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1987-09-23
Spill Record Last Update: 1988-04-29
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: ""
Remarks: "SPILLER HIRED CONTRACTOR FOR CLEANUP. CLEANUP IS CLEANUP-NFA"

Material:
Site ID: 162668
Operable Unit ID: 908192
Operable Unit: 01
Material ID: 467030
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum

FISCHER (Continued) **S103568623**

Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

W103 **LIEB** **NY LTANKS** **S103557949**
SE **1020 CONSTABLE DR** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.433 mi.
2288 ft. **Site 2 of 2 in cluster W**

Relative:
Higher

Actual:
9 ft.

LTANKS:
Site ID: 234138
Spill Number/Closed Date: 9808689 / 1998-11-06
Spill Date: 1998-10-13
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 6032
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1998-10-13
CID: 205
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-10-13
Spill Record Last Update: 1999-03-05
Spiller Name: PETE LIEB
Spiller Company: 1020 CONSTABLE DR
Spiller Address: 1020 CONSTABLE DR
Spiller City,St,Zip: MAMARONECK, NY
Spiller County: 001
Spiller Contact: CALLER
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 192881
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY NES PULLED TANK (2,000 GALLON) AND 909.20 TONS CONTAMINATED SOIL."
Remarks: "CALLER PULLED OLD TANK AND FOUND CONTAMINATED SOIL."

Material:
Site ID: 234138
Operable Unit ID: 1069872
Operable Unit: 01

LIEB (Continued) **S103557949**

Material ID:	316184
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

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104 **SADFI REALTY** **NY LTANKS** **S108299194**
North **516 WEST BOSTON POST ROAD** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.434 mi.
2289 ft.

Relative:
Higher

Actual:
15 ft.

LTANKS:

Site ID:	375406
Spill Number/Closed Date:	0610881 / 2007-02-07
Spill Date:	2006-12-27
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
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
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 City,St,Zip:	MAMARONECK, NY 10543
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;"

SADFI REALTY (Continued) **S108299194**

Material:

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
Quantity:	Not reported
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

V105 **RESIDENCE** **NY LTANKS** **S102234175**
WSW **15 FOREST PARK AVE** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.439 mi.
2318 ft. **Site 2 of 3 in cluster V**

Relative:
Higher

Actual:
24 ft.

LTANKS:

Site ID:	120940
Spill Number/Closed Date:	9505787 / 1996-09-10
Spill Date:	1995-08-10
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-08-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-08-14
Spill Record Last Update:	2003-08-27
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	104967

RESIDENCE (Continued) **S102234175**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY "
Remarks: "REMOVING CONTAMINATED SOIL FROM UNDER PORCH SHOULD BE DONE TOMORROW"

Material:
Site ID: 120940
Operable Unit ID: 1020678
Operable Unit: 01
Material ID: 363776
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 30.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

X106 **RESIDENCE** **NY LTANKS** **S108298764**
ENE **803 OAKWOOD ROAD** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.441 mi.
2330 ft. **Site 1 of 2 in cluster X**

Relative:
Higher

Actual:
9 ft.

LTANKS:
Site ID: 372940
Spill Number/Closed Date: 0608880 / 2007-06-19
Spill Date: 2006-11-02
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 6032
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2006-11-02
CID: 444
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2006-11-02
Spill Record Last Update: 2007-06-19
Spiller Name: MICHEAL PETRILLO
Spiller Company: Not reported
Spiller Address: 803 OAKWOOD ROAD
Spiller City,St,Zip: MAMARONACK, NY
Spiller County: 001
Spiller Contact: MICHEAL PETRILLO

RESIDENCE (Continued) **S108298764**

Spiller Phone:	(914) 980-2537
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	322665
DEC Memo:	"Northeast doing cleanup. 6/19/2007: Closure report received and reviewed by DEC. No Further Action required at this time. jod"
Remarks:	"1000 gallon had holes and contaminated soil"

Material:

Site ID:	372940
Operable Unit ID:	1130671
Operable Unit:	01
Material ID:	2120341
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

V107 **MARTIN RES** **NY LTANKS** **S105995390**
WSW **16 FOREST PARK AVE** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.443 mi.
2338 ft. **Site 3 of 3 in cluster V**

Relative:
Higher

Actual:
24 ft.

LTANKS:

Site ID:	206085
Spill Number/Closed Date:	0111809 / 2002-05-03
Spill Date:	2002-03-14
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2002-03-14
CID:	233
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-03-14
Spill Record Last Update:	2002-06-04
Spiller Name:	Not reported
Spiller Company:	MARTIN RES

MARTIN RES (Continued) **S105995390**

Spiller Address:	16 FOREST PARK AVE
Spiller City,St,Zip:	LARCHMONT, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	171138
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 05/03/02 - CLOSURE REPORT RECEIVED FROM HYDRO ENVIRO SOLUTIONS. LUST AND 25.58 TONS CONTAMIN REMOVED. NFA"
Remarks:	"CALLER WAS HIRE TO REMOVE AN U/ OIL TANK WHEN TANK WAS REMOVED CONTAMINATED SOIL WAS DISCOVERED SOIL WAS LEFT ON SITE SOIL SAMPLES HAVE BEEN SENT OUT TO BE TESTED "

Material:

Site ID:	206085
Operable Unit ID:	848753
Operable Unit:	01
Material ID:	525828
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

108
ENE
1/4-1/2
0.443 mi.
2338 ft.

SPILL NUMBER 0106950 **NY LTANKS** **S105229982**
539 BLEEKER AVE **N/A**
MAMARONECK, NY

Relative:
Higher

Actual:
8 ft.

LTANKS:

Site ID:	268172
Spill Number/Closed Date:	0106950 / 2002-01-17
Spill Date:	2001-10-04
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-10-04
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported

SPILL NUMBER 0106950 (Continued) **S105229982**

Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-10-04
Spill Record Last Update:	2002-03-15
Spiller Name:	MILLER RES
Spiller Company:	Not reported
Spiller Address:	539 BLEEKER AV
Spiller City,St,Zip:	MAMARONECK, ZZ
Spiller County:	001
Spiller Contact:	MILLER RES
Spiller Phone:	(914) 698-9096
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	218449
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 01/17/2002 NORTHEAST DISPOSED OF TANK AND 44.43 TONS OF CONTAMINATED SOIL. NO FURTHER ACTION."
Remarks:	"caller removing 1000 ust and discovered soil contamination - soil being stockpiled"

Material:

Site ID:	268172
Operable Unit ID:	844025
Operable Unit:	01
Material ID:	531791
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

109
NNW
1/4-1/2
0.446 mi.
2356 ft.

Relative:
Higher

Actual:
44 ft.

FOLEY HOME **NY LTANKS** **S106972144**
722 PROSPECT AVE **N/A**
MAMARONECK, NY

LTANKS:

Site ID:	348725
Spill Number/Closed Date:	0504006 / 2005-09-11
Spill Date:	2005-07-05
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	6032
Investigator:	JBODee

FOLEY HOME (Continued) **S106972144**

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
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 City,St,Zip:	MANARAMAK, NY
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 AT THIS TIME. jod"
Remarks:	"ODOR OF HYDRO CARBONS DETECTED: RECOMMEND REMOVAL:"

Material:

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:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	348725
Spill Tank Test:	1549040
Tank Number:	1
Tank Size:	550
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

X110 **RESIDENCE** **NY LTANKS** **S102659696**
NE **726 THE CRESANT** **NY Spills** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.446 mi.
2357 ft. **Site 2 of 2 in cluster X**

Relative:
Lower

Actual:
6 ft.

LTANKS:

Site ID:	295144
Spill Number/Closed Date:	9708066 / 1997-10-15
Spill Date:	1997-10-08
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1997-10-08
CID:	211
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-10-08
Spill Record Last Update:	1998-01-08
Spiller Name:	CHARLES MILLER
Spiller Company:	Not reported
Spiller Address:	726 THE CRESCENT
Spiller City,St,Zip:	MAMARONECK, NY
Spiller County:	001
Spiller Contact:	CHARLES MILLER
Spiller Phone:	(914) 834-0270
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	238826
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 10/15/97 ORIGINALLY TTF; LUZON WAS DOING TANK REMOVAL AND FOUND CONTAMINATED SOIL; REPORTED IT A SECOND TIME; SEE SPILL # 9707827; "
Remarks:	"OWNER WILL CONTACT OIL COMPANY TO UNCOVER TANK AND TO RETEST"

Material:

Site ID:	295144
Operable Unit ID:	1054560
Operable Unit:	01
Material ID:	330052
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

RESIDENCE (Continued) **S102659696**

Tank Test:

Site ID:	295144
Spill Tank Test:	1545380
Tank Number:	1
Tank Size:	1000
Test Method:	03
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

SPILLS:

Facility ID:	9707827
Facility Type:	ER
DER Facility ID:	60309
Site ID:	62174
DEC Region:	3
Spill Date:	1997-10-02
Spill Number/Closed Date:	9707827 / Not Reported
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1997-10-02
CID:	322
Water Affected:	Not reported
Spill Source:	Private Dwelling
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:	1997-10-02
Spill Record Last Update:	2010-08-03
Spiller Name:	CHARLES MILLER
Spiller Company:	Not reported
Spiller Address:	726 THE CRESANT
Spiller City,St,Zip:	MAMARONECK, ZZ
Spiller Company:	001
Contact Name:	CHARLES MILLER
Contact Phone:	(212) 879-0320
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 10/15/97 LUZON DOING TANK REMOVAL & FOUND CONTAMINATED SOIL; SEE SPILL # 9708066; 8/3/10 Need Status Update JO'M "
Remarks:	"DURING TANK REMOVAL CONTAMINATED SOIL FOUND "

Material:

Site ID:	62174
Operable Unit ID:	1054325
Operable Unit:	01
Material ID:	329821

RESIDENCE (Continued) **S102659696**

Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Y111 **SARAH NEWMAN NURSING HOME** **NY LTANKS** **S102399202**
NNW **845 PALMER AVE** **NY Spills** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.458 mi.
2418 ft. **Site 1 of 2 in cluster Y**

Relative:
Higher

Actual:
32 ft.

LTANKS:

Site ID:	269267
Spill Number/Closed Date:	9607339 / 2013-01-17
Spill Date:	1996-09-10
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
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
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 City,St,Zip:	MAMARONECK, NY
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 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

SARAH NEWMAN NURSING HOME (Continued) **S102399202**

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"

Material:

Tank Test:

Site ID:	269267
Spill Tank Test:	1544740
Tank Number:	Not reported
Tank Size:	500
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II
Site ID:	269267
Spill Tank Test:	1544741
Tank Number:	snf
Tank Size:	20000
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

Site ID:	391901
Spill Number/Closed Date:	0710591 / 2008-06-10
Spill Date:	2008-01-07
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
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
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

SARAH NEWMAN NURSING HOME (Continued) **S102399202**

Spiller City,St,Zip:	MANERMACK, NY
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"

Material:

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:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	391901
Spill Tank Test:	2384434
Tank Number:	Not reported
Tank Size:	10000
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

SPILLS:

Facility ID:	1215594
Facility Type:	ER
DER Facility ID:	435204
Site ID:	478915
DEC Region:	3
Spill Date:	2013-02-14
Spill Number/Closed Date:	1215594 / 2013-03-19
Spill Cause:	Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2013-02-14
CID:	Not reported

SARAH NEWMAN NURSING HOME (Continued) **S102399202**

Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	2013-02-15
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2013-02-14
Spill Record Last Update:	2013-03-19
Spiller Name:	Not reported
Spiller Company:	SENIOR RESIDENCE
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	DAN TUCHOLSKI
Contact Phone:	716-240-0875
DEC Memo:	"2/15/13 - Left two messages to return phone call. KAB Soil boring investigation was conducted and petroleum contamination was discovered. Awaiting laboratory analytical results. Caller to submit results to the Department and Westchester County DOH. Previously one 5K gal. unknown petroleum, one 500 gal. diesel and one 550 gal. diesel USTs were removed. KAB 02/22/13 Subsurface Investigation prepared by LCS Environmental and Real Estate Consultants. Based on the information presented in that report, no further action is required. TG"
Remarks:	"SOIL SAMPLES POS FOR PETROLEUM"

Material:

Site ID:	478915
Operable Unit ID:	1228663
Operable Unit:	01
Material ID:	2226338
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	0311628
Facility Type:	ER
DER Facility ID:	100917
Site ID:	115927
DEC Region:	3
Spill Date:	2004-01-15
Spill Number/Closed Date:	0311628 / 2004-03-11
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SARAH NEWMAN NURSING HOME (Continued) **S102399202**

SWIS:	6032
Investigator:	jbodee
Referred To:	WESTCHESTER CNTY HEALTH DEPT
Reported to Dept:	2004-01-14
CID:	74
Water Affected:	Not reported
Spill Source:	Non Major Facility > 1,100 gal
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:	2004-01-15
Spill Record Last Update:	2011-02-01
Spiller Name:	CHIEF ANDY LAROCCA
Spiller Company:	Not reported
Spiller Address:	845 PALMER AVENUE
Spiller City,St,Zip:	MAMARONECK, NY 10543
Spiller Company:	001
Contact Name:	CHIEF ANDY LAROCC0
Contact Phone:	(914) 774-2908
DEC Memo:	" 01/14/04: Per Chief Larocco, WCHD Haz Mat on site. Northeast Env. hired for cleanup. 03/11/04 Northeast Environmental completed clean up. Inspected by Fred Beck of WCDOH. jod "
Remarks:	"Electric generator located on roof - the fuel line coming from tank sprung a leak with the building. The cleanup was done using spill pads. All believed to be recovered."

Material:

Site ID:	115927
Operable Unit ID:	879235
Operable Unit:	01
Material ID:	500423
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	Gallons
Recovered:	15.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	0208354
Facility Type:	ER
DER Facility ID:	219322
Site ID:	269266
DEC Region:	3
Spill Date:	2002-11-12
Spill Number/Closed Date:	0208354 / 2002-11-19
Spill Cause:	Traffic Accident
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response.

SARAH NEWMAN NURSING HOME (Continued) **S102399202**

	Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	TDGHIOSA
Referred To:	WESTCHESTER CNTY HEALTH DEPT
Reported to Dept:	2002-11-12
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Police 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:	2002-11-12
Spill Record Last Update:	2013-02-21
Spiller Name:	UNKNOWN
Spiller Company:	UNKNOWN
Spiller Address:	UNKNOWN
Spiller City,St,Zip:	UNKNOWN, NY
Spiller Company:	999
Contact Name:	DISPATCHER 627
Contact Phone:	(914) 231-1900
DEC Memo:	""
Remarks:	"TRACTOR TRAILER WAS MAKING A DELIVERY TO THE NURSING HOME WHEN IT STRUCK THE BUILDING RUPTURING ITS TANK. FIRE DEPT ON SCENE ALONG WITH THE HEALTH DEPT."

Material:

Site ID:	269266
Operable Unit ID:	861348
Operable Unit:	01
Material ID:	515359
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Y112 **SIR NEWMAN NURING HOME** **NY LTANKS** **S100140234**
NNW **845 PALNER AVE** **N/A**
1/4-1/2 **MAMARONECK, NY**
0.458 mi.
2418 ft. **Site 2 of 2 in cluster Y**

Relative:
Higher

Actual:
32 ft.

LTANKS:

Site ID:	88268
Spill Number/Closed Date:	8707145 / 1989-01-05
Spill Date:	1987-11-19
Spill Cause:	Tank Test Failure

SIR NEWMAN NURING HOME (Continued) **S100140234**

Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1989-01-05
Cleanup Meets Standard:	True
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
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 City,St,Zip:	ZZ
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."

Material:

Site ID:	88268
Operable Unit ID:	912870
Operable Unit:	01
Material ID:	466119
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	88268
Spill Tank Test:	1532375
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported

SIR NEWMAN NURING HOME (Continued) **S100140234**

Test Method: Unknown

113
WSW
1/4-1/2
0.465 mi.
2453 ft.

JASON KUNREUTHER **NY LTANKS** **S104515603**
17 BONNET AVENUE **N/A**
LARCHMONT, NY

Relative:
Higher

Actual:
41 ft.

LTANKS:

Site ID:	243264
Spill Number/Closed Date:	9902354 / 2000-07-19
Spill Date:	1999-06-01
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-06-01
CID:	252
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-06-01
Spill Record Last Update:	2000-08-01
Spiller Name:	TOM GALLINGER
Spiller Company:	RESIDENCE
Spiller Address:	17 BONNET AVE
Spiller City,St,Zip:	LARCHMONT, NY -
Spiller County:	001
Spiller Contact:	TOM GALLINGER
Spiller Phone:	(914) 592-3117
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	199811
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE "
Remarks:	""

Material:

Site ID:	243264
Operable Unit ID:	1081271
Operable Unit:	01
Material ID:	305860
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

JASON KUNREUTHER (Continued) **S104515603**

Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	243264
Spill Tank Test:	1547213
Tank Number:	Not reported
Tank Size:	550
Test Method:	03
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Horner EZ Check I or II

Site ID:	440479
Spill Number/Closed Date:	1007092 / 2010-10-27
Spill Date:	2010-10-01
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2010-10-01
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2010-10-01
Spill Record Last Update:	2010-11-12
Spiller Name:	JASON KUNREUTHER
Spiller Company:	JASON KUNREUTHER
Spiller Address:	17 BONNET LANE
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	999
Spiller Contact:	JASON KUNREUTHER
Spiller Phone:	(914) 330-7899
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	395479
DEC Memo:	"10-1-10: V.Mc. to Mr. Kunreuther: UST was installed in 1999, purchessed house in 2004, tank was tested at that time and passed. Mr. Kun.to have tank re-tested and may exc. soil off top of tank for re-test. UST has 30 year warranty. Advised Mr. Kun.to callbk to Dispt.when tank passes the re-test. 10-14-10: V.Mc.: Mr.Kunreuther to Dispt./V.Mc.: UST passed retest, checked J.O'Dee in basket, retest results not recived as of today's mail. 10/27/10: Tank passed a

JASON KUNREUTHER (Continued) **S104515603**

retest after piping was repaired. Report will be entered into eDocs. Based upon the information received, no further action is required at this time. jod"

Remarks: "retest planned"

Material:

Site ID:	440479
Operable Unit ID:	1191093
Operable Unit:	01
Material ID:	2186209
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Z114 **BEN BEDERSON RESIDENCE** **NY LTANKS** **S101340431**
WSW **8 HALL AVE.** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.471 mi.
2485 ft. **Site 1 of 3 in cluster Z**

Relative:
Higher

Actual:
28 ft.

LTANKS:

Site ID:	146635
Spill Number/Closed Date:	9410735 / 1995-02-13
Spill Date:	1994-11-11
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	1995-02-13
Cleanup Meets Standard:	False
SWIS:	6000
Investigator:	MONACO
Referred To:	Not reported
Reported to Dept:	1994-11-11
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-11-16
Spill Record Last Update:	1995-02-13
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999

BEN BEDERSON RESIDENCE (Continued) **S101340431**

Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	124856
DEC Memo:	""
Remarks:	"SHUT OFF BURNER SUSPECT LINE LEAK WILL INVESTIGATE"

Material:

Site ID:	146635
Operable Unit ID:	1004645
Operable Unit:	01
Material ID:	376603
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	146635
Spill Tank Test:	1543338
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	Not reported
Test Method:	Unknown

115
NE
1/4-1/2
0.480 mi.
2532 ft.

Relative:
Lower

Actual:
0 ft.

LONG ISLAND SOUND **NY LTANKS** **S100137854**
LONG ISLAND SOUND **N/A**
MAMARONECK, NY

LTANKS:

Site ID:	173419
Spill Number/Closed Date:	8903795 / 1989-07-25
Spill Date:	1989-07-16
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1989-07-25
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1989-07-16
CID:	Not reported
Water Affected:	Not reported

LONG ISLAND SOUND (Continued) **S100137854**

Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-07-18
Spill Record Last Update:	1989-07-26
Spiller Name:	Not reported
Spiller Company:	POST ROAD BOAT YARD
Spiller Address:	BOSTON POST ROAD
Spiller City,St,Zip:	MAMARONECK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	145894
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TODD GHIOSAY / / : TANK & SOIL REMOVED COAST GUARD TO MONITOR AREA FOR 1 YEAR N.F.A. / / : TANK & SOIL REMOVED COAST GUARD TO MONITOR AREA FOR 1 YEAR N.F.A. 11/29/95: This is additional information about material spilled from the translation of the old spill file: BOAT FUEL."
Remarks:	"F.D. AND WC HAZMAT ON SCNE TRYING TO CONTAIN WCHD ON SCENE, COAST GUARD NOTIFIED. CALLED WEST. CO. FIRE CONTROL @ 1545 WAITING FOR CALL BACKFROM ON SCENE COORD. ACTUAL PRODUCT 50-100 GAL. LOST"

Material:

Site ID:	173419
Operable Unit ID:	929225
Operable Unit:	01
Material ID:	447869
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	550.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Z116 **SPILL NUMBER 0011319** **NY LTANKS** **S104950556**
WSW **14 HALL AVE** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.482 mi.
2543 ft. **Site 2 of 3 in cluster Z**

Relative:
Higher

Actual:
28 ft.

LTANKS:

Site ID:	184309
Spill Number/Closed Date:	0011319 / 2001-04-11
Spill Date:	2001-01-17
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling

SPILL NUMBER 0011319 (Continued) **S104950556**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-01-17
CID:	207
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-01-17
Spill Record Last Update:	2001-04-24
Spiller Name:	JAY LUBIN
Spiller Company:	Not reported
Spiller Address:	14 HALL AVE
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	JAY LUBIN
Spiller Phone:	(914) 833-2686
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	154247
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 04/11/2001 NORTHEAST DISPOSED OF TANK AND 23.63 TONS OF CONTAMINATED SOIL. NO FURTHER ACTION."
Remarks:	"contaminated soil found upon tank removal"

Material:

Site ID:	184309
Operable Unit ID:	832716
Operable Unit:	01
Material ID:	541639
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Z117 **YAHIA RESIDENCE** **NY LTANKS** **S107789426**
West **17 HALL AVE** **N/A**
1/4-1/2 **LARCHMONT, NY**
0.482 mi.
2547 ft. **Site 3 of 3 in cluster Z**

Relative:
Higher

Actual:
29 ft.

LTANKS:

Site ID:	364200
Spill Number/Closed Date:	0601851 / 2007-01-03
Spill Date:	2006-05-19
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-05-19
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-05-19
Spill Record Last Update:	2007-01-03
Spiller Name:	DORIS YAHIA
Spiller Company:	YAHIA HOME
Spiller Address:	17 HALL AVE
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	DORIS YAHIA
Spiller Phone:	(914) 318-2798
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	314413
DEC Memo:	"05/23/06: J. O'DEE TO DISCUSS FINDINGS. SAMPLES WERE TAKEN FROM EXCAVATION AND HOLE WAS BACKFILLED PENDING SIGNATURE OF CONTRACT TO COMPLETE CLEAN UP. ALSO SPILL 06-02686 January 3, 2007: CONNECTICUT TANK REMOVAL DISPOSED OF LUST AND 351.26 TONS OF CONTAMINATED SOIL. GROUND WATER WAS IMPACTED, AND A MONITORING WELL WAS INSTALLED AND SAMPLED. CLOSURE REPORT REVIEWED BY DEC. BASED UPON INFORMATION PROVIDED, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"1000 GALLON TANK HAD HOLES :"

Material:

Site ID:	364200
Operable Unit ID:	1122234
Operable Unit:	01
Material ID:	2111707
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons

YAHIA RESIDENCE (Continued) **S107789426**

Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Site ID:	365228
Spill Number/Closed Date:	0602686 / 2007-01-03
Spill Date:	2006-05-22
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-06-09
CID:	409
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-06-09
Spill Record Last Update:	2007-01-03
Spiller Name:	TIM FIRLA
Spiller Company:	YAHIA RESIDENCE
Spiller Address:	17 HALL AVE
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	TIM FIRLA
Spiller Phone:	(203) 384-6020
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	314413
DEC Memo:	"06/12/06: THERE IS ANOTHER SPILL # FOR THIS SITE 0601851 - J. O'DEE HAS BEEN CALLED VIA THE CALLER. GW HAS BEEN IMPACTED WITH FREE PRODCUT. (#2F/O) - RA January 3, 2007: CONNECTICUT TANK REMOVAL DISPOSED OF LUST AND 351.26 TONS OF CONTAMINATED SOIL. GROUND WATER WAS IMPACTED, AND A MONITORING WELL WAS INSTALLED AND SAMPLED. CLOSURE REPORT REVIEWED BY DEC. BASED UPON INFORMATION PROVIDED, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod"
Remarks:	"THE TANK WAS PUMPED AOUT AND THEN REMOVED AND THEN THE SOIL WAS TESTED. THEY WILL DO A REMIDIATION THERE. TIM WOULD LIKE A CALL BACK."
	Not reported

Material:

Site ID:	365228
Operable Unit ID:	1123238
Operable Unit:	01
Material ID:	2112711
Material Code:	0001A

YAHIA RESIDENCE (Continued) **S107789426**

Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

118
SW
1/4-1/2
0.483 mi.
2550 ft.

BURSTEIN RESIDENCE **NY LTANKS** **S105997439**
40 FLINT AVE **N/A**
LARCHMONT, NY

Relative:
Higher

Actual:
15 ft.

LTANKS:

Site ID:	291952
Spill Number/Closed Date:	0208896 / 2003-05-21
Spill Date:	2002-11-27
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6000
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2002-11-27
CID:	257
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-11-27
Spill Record Last Update:	2003-05-21
Spiller Name:	MR BURSTEIN
Spiller Company:	Not reported
Spiller Address:	40 FLINT AVE
Spiller City,St,Zip:	LARCHMONT, NY
Spiller County:	001
Spiller Contact:	MR BURSTEIN
Spiller Phone:	(914) 834-3672
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	236383
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 11/27/02: UST HAS BEEN REMOVED AND CONTAMINATED SOILS. TANK CLOSURE REPORT TO BE SUBMITTED. 05/21/03 NES DISPOSED OF TANK AND 12.09 TONS OF CONTAMINATED SOIL. SIGNIFICANT GROUND WATER IMPACT, MONITORING/RECOVERY WELL SYSTEM WAS INSTALLED. FINAL SAMPLE RESULTS RECIEVED AND REVIEWED. NFA"

BURSTEIN RESIDENCE (Continued) **S105997439**

Remarks: "caller doing tank removal found holes in tank and contaminted soil "

Material:
Site ID: 291952
Operable Unit ID: 862074
Operable Unit: 01
Material ID: 515888
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

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119 SW 1/4-1/2 0.494 mi. 2608 ft. **SPILL NUMBER 0102437** **NY LTANKS S105055876**
11 BISHOP PLACE **NY Spills N/A**
LARCHMONT, NY

Relative: Higher

Actual: 10 ft.

LTANKS:
Site ID: 282388
Spill Number/Closed Date: 9204145 / 1992-07-13
Spill Date: 1992-07-10
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1992-07-13
Cleanup Meets Standard: False
SWIS: 6000
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1992-07-10
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-07-13
Spill Record Last Update: 2001-08-06
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported

SPILL NUMBER 0102437 (Continued) **S105055876**

DEC Region: 3
DER Facility ID: 229245
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 08/19/92: FURTER INSPECTIONS INDICATED ADDITIONAL SOIL TO BE REMOVED- COMPLETED. CARBON DRUM HAS BEEN SET UP TO ADDRESS GROUNDWATER CONTAMINATION. ALSO SEE SPILL NUMBER 01-02437 "
Remarks: "TANK HAD HOLES AND LEAKED WHILE BEING REMOVED BY LUZON WCHD (VICKI ZILZ) ON SCENE LUZON WILL BE CALLED BACK TO PICK UP SOIL THEY LEFT BEHIND"

Material:
Site ID: 282388
Operable Unit ID: 971529
Operable Unit: 01
Material ID: 411893
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:
Facility ID: 0102437
Facility Type: ER
DER Facility ID: 229245
Site ID: 282387
DEC Region: 3
Spill Date: 2001-05-30
Spill Number/Closed Date: 0102437 / 2001-07-31
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 6000
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2001-06-04
CID: 207
Water Affected: Not reported
Spill Source: Private Dwelling
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: 2001-06-04
Spill Record Last Update: 2001-08-06
Spiller Name: BOB SOMERFIELD

SPILL NUMBER 0102437 (Continued) **S105055876**

Spiller Company:	Not reported
Spiller Address:	11 BISHOP PLACE
Spiller City,St,Zip:	LARCHMONT, NY
Spiller Company:	001
Contact Name:	BOB SOMERFIELD
Contact Phone:	(212) 687-8777
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 07/31/2001 TANK REMOVED BY ROBINSON OIL. TANK WAS NOT LEAKING. CONTAMINATION WAS FROM A PREVIOUS SPILL AT SITE REPORTED AS 92-04145 THAT HAD BEEN COMPLETELY REMEDIATED. NO FURTHER ACTION."
Remarks:	"contaminated soil - some chemicals over state guidelines and attorneys notified"

Material:

Site ID:	282387
Operable Unit ID:	841156
Operable Unit:	01
Material ID:	534552
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

120
NNW
1/2-1
0.667 mi.
3521 ft.

Relative: Higher

Actual: 29 ft.

HAPPINESS LAUNDRY & D-CLRS **NY SHWS S110246764**
613 WAVERLY AVENUE **NY DRYCLEANERS N/A**
MAMARONECK, NY 10543

SHWS:

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

HAPPINESS LAUNDRY & D-CLRS (Continued) **S110246764**

	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 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

HAPPINESS LAUNDRY & D-CLRS (Continued) **S110246764**

Record Updated: Not reported
Updated By: Not reported

DRYCLEANERS:
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

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121 NNW 1/2-1 0.722 mi. 3812 ft.

FORMER EMCA SITE **NY SHWS S108925409**
605 CENTER AVENUE AND 604 FAYETTE AVENUE **NY VAPOR REOPENED N/A**
MAMARONECK, NY 10543

Relative: Higher

Actual: 28 ft.

SHWS:
Program: HW
Site Code: 56083
Classification: Significant threat to the public health or environment - action required.
Region: 3
Acres: 0.6
HW Code: 360025
Record Add: 11/18/1999
Record Upd: 01/07/2016
Updated By: JAMORAS
Site Description: Location:This site is located at 604 Fayette Avenue & 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. Site Features:The site consists of a two-story building and two parking areas.Current Zoning/Use:The site is located 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 flow 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

FORMER EMCA SITE (Continued) **S108925409**

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:Based on the investigations conducted to date, the primary contaminants of concern at the site are volatile organic compounds (VOCs),including Freon 113 and its breakdown products, specifically 1,2-dichlorotrifluoroethane. Freon 113 was detected in on-site groundwater at 18,208 ppb and in on-site soil at 1,200 ppb. Other organic compounds were also detected (tetra-chloroethylene, 1,2-dichloroethylene, trichloroethylene, acetone, benzene and chloroethane) from an upgradient source(s). This indicates that the presence of Freon 113 in the underlying groundwater is related to site operations, but the other VOCs appear to have migrated onto the site from a nearby business or businesses. Based on the investigations conducted at the site, the Freon 113 contamination does not extend off-site.The potential for soil vapor intrusion impacts was determined to be low.Extent of Contamination:Source Areas/Waste Disposal - The former vacant lot (604 Fayette Avenue) was used for waste storage and has been identified as the primary source area which had led to groundwater contamination. Surface soil - Contact with contaminated soils is not expected because the site is covered by buildings and pavement.Groundwater - The groundwater underlying the site has been impacted by Freon-113 (580 ppb in October 2010). Based on the investigation at the site, the Freon-113 contamination does not extend off-site. The approved remedy which consists of continued vegetable oil injections to stimulate anaerobic biodegradation of Freon-113 in groundwater is ongoing. Drinking contaminated groundwater, however, is not likely since the area is supplied with public water.Soil Vapor Intrusion - The evaluation of the potential for soil vapor intrusion resulting from the presence of groundwater contamination was performed by conducting indoor air, sub-slab soil vapor and outdoor air sampling at the Site on March 26, 2009.Three sub-slab vapor samples, three indoor air samples and one outdoor air sample were collected at the existing Cablevision facility. The primary contaminants of concern were Freon-113 and its breakdown products. The samples were also analyzed for other constituents including tetrachloroethene and its breakdown products in order to assist the Department in tracking impacts to the Site due to other contaminants which may be emanating from off-site sources.The indoor air samples concentration for Freon-113 ranged from 10 g/m3 to 38 g/m3 which exceed typical background concentrations. The maximum indoor air concentration was detected in the sample collected from the Conversion Room. The sample locations are shown on Figure 3 from the June 2009 Vapor Intrusion Study Report.The sub-slab vapor concentrations for Freon-113 ranged from 37 g/m3 to 6,700 g/m3. The maximum sub-slab vapor concentration was detected in the sample collected from the Muster Room.The concentration levels of the the additional constituents that there included in the analysis did not rise to the level that would require any further action.While the indoor air concentration detected for Freon-113 exceeded typical background concentrations, the NYSDOH determined that there were no

FORMER EMCA SITE (Continued) **S108925409**

potential health issues associated with the detected levels of Freon-113 in the indoor air samples collected. Based on these findings, no further actions are needed on-site or off-site to address exposures related to soil vapor intrusion.Significant Threat Determination:Actual or threatened release of hazardous waste constituents from this site have been addressed by implementing the organic substrate injection Interim Remedial Measure (IRM) identified in the ROD. Specifically, the treatment of contaminated groundwater via emulsified vegetable oil injections has significantly reduced the threat to public health and the environment.

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:	11/18/1999 12:00:00 PM
Record Upd:	11/18/1999 12:00:00 PM
Updated By:	INITIAL
Own Op:	Disp. Owner
Sub Type:	02
Owner Name:	Robert Casselberry
Owner Company:	Dow Engineering Solutions
Owner Address:	310 George Patterson Boulevard
Owner Addr2:	Suite 100
Owner City,St,Zip:	Bristol, PA 19007
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:	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:	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

FORMER EMCA SITE (Continued) **S108925409**

Own Op:	Owner
Sub Type:	E
Owner Name:	Andrew Bloom
Owner Company:	Cablevision Systems Corporation
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:	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:	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

VAPOR REOPENED:

Site Code:	360025
Facility Status:	Complete (No Further Action)

122
NNW
1/2-1
0.835 mi.
4410 ft.

624 FENIMORE AVENUE
624 FENIMORE AVENUE
MAMARONECK, NY 10543

NY SHWS **S100491509**
NY Spills **N/A**

Relative:
Higher

Actual:
26 ft.

SHWS:

Program:	HW
Site Code:	58474
Classification:	P
Region:	3
Acres:	Not reported
HW Code:	360045
Record Add:	11/18/1999
Record Upd:	11/18/2014
Updated By:	GWHEITZM
Site Description:	LocationThe site is located in an industrial area on the corner of Fenimore Ave. and Center Street. Site FeaturesOn the site there is a single story metal and masonry block building which covers most of the site. Past Use of the SiteThe 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

624 FENIMORE AVENUE (Continued) **S100491509**

	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
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:

Facility ID:	9205488
Facility Type:	ER
DER Facility ID:	163133
Site ID:	195816
DEC Region:	3
Spill Date:	1992-08-04
Spill Number/Closed Date:	9205488 / 2010-03-24
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032

624 FENIMORE AVENUE (Continued) **S100491509**

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 City,St,Zip:	YONKERS, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	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"

Material:

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
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

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123 North 1/2-1 0.906 mi. 4784 ft.

BLOOD BROTHERS AUTO WRECKERS
270 WAVERLY AVENUE
MAMARONECK, NY 10543

NY SHWS **S102241424**
NY SWF/LF **N/A**
NY Spills
NY SPDES

Relative: Higher

Actual: 21 ft.

SHWS:

Program:	HW
Site Code:	58572
Classification:	N
Region:	3
Acres:	Not reported
HW Code:	360034
Record Add:	11/18/1999

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

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
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:
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
Activity Number: [60J03]
Active: No
East Coordinate: 605969

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

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

SPILLS:
Facility ID: 0700043
Facility Type: ER
DER Facility ID: 180874
Site ID: 379283
DEC Region: 3
Spill Date: 2007-03-26
Spill Number/Closed Date: 0700043 / Not Reported
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 6032
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 2007-04-02
CID: 408
Water Affected: Not reported
Spill Source: Unknown
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: 2007-04-02
Spill Record Last Update: 2010-07-01
Spiller Name: Not reported
Spiller Company: BLOOD BROTHERS
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: JON DAHLGREN
Contact Phone: (845) 265-4400
DEC Memo: "LEFT MESSAGE FOR CALLER TO UPDATE. T. GHIOSAY."
Remarks: "NOT YET CLEANED; RELATED TO EXISTING SPILL #0405493;"

Material:
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: Gallons
Recovered: .00

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	0405493
Facility Type:	ER
DER Facility ID:	180874
Site ID:	293041
DEC Region:	3
Spill Date:	2004-08-18
Spill Number/Closed Date:	0405493 / 2007-06-26
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	2004-08-19
CID:	444
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:	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 City,St,Zip:	MAMARONECK, NY
Spiller Company:	001
Contact Name:	JOHN ESPISITO
Contact Phone:	(914) 698-5200
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: "

Material:

Site ID:	293041

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

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
Resource Affected:	Not reported
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:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	9607662
Facility Type:	ER
DER Facility ID:	180874
Site ID:	218633
DEC Region:	3
Spill Date:	1996-09-11
Spill Number/Closed Date:	9607662 / 1997-11-10
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	jghardy
Referred To:	Not reported
Reported to Dept:	1996-09-18
CID:	204
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

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Spiller Address:	270 WAVERLY AVENUE
Spiller City,St,Zip:	MAMARONECK, NY
Spiller Company:	001
Contact Name:	CAROLYN TAYLOR
Contact Phone:	(203) 261-2673
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"

Material:

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:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Facility ID:	9602947
Facility Type:	ER
DER Facility ID:	180874
Site ID:	142941
DEC Region:	3
Spill Date:	1996-05-31
Spill Number/Closed Date:	9602947 / 1996-06-06
Spill Cause:	Housekeeping
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
SWIS:	6032
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 City,St,Zip:	NYC, NY

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Spiller Company: 001
Contact Name: UNKNOWN
Contact Phone: Not reported
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. "

Material:
Site ID: 142941
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: Gallons
Recovered: .00
Resource Affected: Not reported
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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9600749
Facility Type: ER
DER Facility ID: 180874
Site ID: 254092
DEC Region: 3
Spill Date: 1996-04-16
Spill Number/Closed Date: 9600749 / 1996-04-22
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 6032
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1996-04-16
CID: 349
Water Affected: Not reported
Spill Source: Commercial/Industrial

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

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:	1996-04-16
Spill Record Last Update:	1998-12-28
Spiller Name:	Not reported
Spiller Company:	BLOOD BROS. JUNK YARD
Spiller Address:	270 WAVERLY AV
Spiller City,St,Zip:	MAMAROECK, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	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"

Material:

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:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

SPDES:

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

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

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:	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
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
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:	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

BLOOD BROTHERS AUTO WRECKERS (Continued) **S102241424**

Non-Gov Facility Zip Code:	10543
State Water Body:	02020008060
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

124
North
1/2-1
0.971 mi.
5125 ft.

Relative:
Higher

Actual:
22 ft.

ITT SEALECTRO CORP.
139 HOYT ST.
MAMARONECK, NY 10543

RCRA-CESQG **1000131198**
NY SHWS **NYD001604420**
NY VAPOR REOPENED
NY CBS
NY Spills
FINDS
NJ MANIFEST
NY MANIFEST
ECHO

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	SEALECTRO CORP
Facility address:	139 HOYT AVE MAMARONECK, NY 105431834
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 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

ITT SEALECTRO CORP. (Continued) **1000131198**

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:	HOYT STREET REALTY CORP
Owner/operator address:	MAIN ST
	NEW ROCHELLE, NY 10801
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/29/1995
Owner/Op end date:	Not reported
Owner/operator name:	NO NAME FOUND
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/01/1988
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:	01/10/2006
Site name:	SEALECTRO CORP
Classification:	Small Quantity Generator
. Waste code:	D043
. Waste name:	VINYL CHLORIDE
Date form received by agency:	01/09/2006
Site name:	SEALECTRO CORP
Classification:	Small Quantity Generator

ITT SEALECTRO CORP. (Continued) **1000131198**

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

. Waste code: D000
. Waste name: Not Defined

. 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: 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
. 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)

ITT SEALECTRO CORP. (Continued) **1000131198**

. 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

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

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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:
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: 11/17/2015
Updated By: GWHEITZM
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 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

ITT SEALECTRO CORP. (Continued) **1000131198**

(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
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 10/18/2012 3:34:00 PM
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: On-Site Operator
Sub Type: NNN

ITT SEALECTRO CORP. (Continued) **1000131198**

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:	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:	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:	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
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
HW Code:	360027
Waste Type:	1,2-DICHLOROETHANE
Waste Quantity:	UNKNOWN

ITT SEALECTRO CORP. (Continued) **1000131198**

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
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
Crossref ID: 9111482
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 3/24/2010 4:10:00 PM
Record Updated: 3/24/2010 4:10:00 PM
Updated By: jbodee

VAPOR REOPENED:
Site Code: 360027
Facility Status: Complete

CBS:
CBS Number: 3-000259
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 3
UTMX: 606209.08179
UTMY: 4534279.79226

CBS Number: 3-000271
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 3
UTMX: 606209.08179
UTMY: 4534279.79226

SPILLS:
Facility ID: 9111482
Facility Type: ER
DER Facility ID: 240954
Site ID: 297820
DEC Region: 3
Spill Date: 1992-02-04
Spill Number/Closed Date: 9111482 / 2010-03-24
Spill Cause: Unknown
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

ITT SEALECTRO CORP. (Continued) **1000131198**

SWIS:	6032
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 City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	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"

Material:

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
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

FINDS:

Registry ID: 110002092903

Environmental Interest/Information System
US EPA TRIS (Toxics Release Inventory System) contains information

ITT SEALECTRO CORP. (Continued) **1000131198**

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.

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 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

ITT SEALECTRO CORP. (Continued) **1000131198**

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
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

NY MANIFEST:

EPA ID:	NYD001604420
Country:	USA
Location Address 1:	139 HOYT STREET
Location Address 2:	Not reported
Location City:	MAMARONECK
Location State:	NY
Location Zip Code:	10543
Location Zip Code 4:	Not reported

Mailing Info:

Name:	ITT SEALECTRO
Contact:	J. BERRY
Address:	585 E. MAIN ST
City/State/Zip:	NEW BRITAIN, CT 06051
Country:	USA
Phone:	000-000-0000

Manifest:

Document ID:	NYB7430598
Manifest Status:	Not reported
Trans1 State ID:	PD1949NY
Trans2 State ID:	Not reported
Generator Ship Date:	05/25/2000
Trans1 Recv Date:	05/25/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/30/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001604420
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	KYD005009923
Waste Code:	D043 - VINYL CHLORIDE 0.2 MG/L TCLP
Quantity:	00400
Units:	P - Pounds

ITT SEALECTRO CORP. (Continued) **1000131198**

Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

Document ID: NYO3145266
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NY2A074
Trans2 State ID: Not reported
Generator Ship Date: 03/28/1984
Trans1 Recv Date: 03/28/1984
Trans2 Recv Date: / /
TSD Site Recv Date: 03/28/1984
Part A Recv Date: 05/10/1984
Part B Recv Date: 04/03/1984
Generator EPA ID: NYD001604420
Trans1 EPA ID: NYD000824334
Trans2 EPA ID: Not reported
TSDF ID: NYD000824334
Waste Code: F001 - UNKNOWN
Quantity: 00825
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 015
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 1984

Document ID: NYG0900936
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 50140
Trans2 State ID: Not reported
Generator Ship Date: 08/26/1997
Trans1 Recv Date: 08/26/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 08/27/1997
Part A Recv Date: / /
Part B Recv Date: 09/26/1997
Generator EPA ID: NYD001604420
Trans1 EPA ID: DER000000273
Trans2 EPA ID: Not reported
TSDF ID: KYD005009923
Waste Code: D043 - VINYL CHLORIDE 0.2 MG/L TCLP
Quantity: 00400
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 1997

Document ID: NYB5481207
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC

ITT SEALECTRO CORP. (Continued) **1000131198**

Trans1 State ID:	MO001
Trans2 State ID:	Not reported
Generator Ship Date:	06/11/1996
Trans1 Recv Date:	07/17/1996
Trans2 Recv Date:	/ /
TSD Site Recv Date:	07/22/1996
Part A Recv Date:	/ /
Part B Recv Date:	08/22/1996
Generator EPA ID:	NYD001604420
Trans1 EPA ID:	MOD095038998
Trans2 EPA ID:	Not reported
TSDF ID:	KYD005009923
Waste Code:	D043 - VINYL CHLORIDE 0.2 MG/L TCLP
Quantity:	00400
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	1996

Document ID:	NYB5481225
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	M0001
Trans2 State ID:	Not reported
Generator Ship Date:	06/28/1995
Trans1 Recv Date:	06/28/1995
Trans2 Recv Date:	/ /
TSD Site Recv Date:	07/11/1995
Part A Recv Date:	07/07/1995
Part B Recv Date:	07/28/1995
Generator EPA ID:	NYD001604420
Trans1 EPA ID:	MOD095038998
Trans2 EPA ID:	Not reported
TSDF ID:	KYD005009923
Waste Code:	D043 - VINYL CHLORIDE 0.2 MG/L TCLP
Quantity:	00400
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	1995

Document ID:	CTF0350064
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	PR8562NY
Trans2 State ID:	PR8562NY
Generator Ship Date:	11/20/1995
Trans1 Recv Date:	11/30/1995
Trans2 Recv Date:	12/05/1995
TSD Site Recv Date:	12/26/1995
Part A Recv Date:	12/18/1995
Part B Recv Date:	01/09/1996
Generator EPA ID:	NYD001604420

ITT SEALECTRO CORP. (Continued) **1000131198**

Trans1 EPA ID: NYD980761191
Trans2 EPA ID: NYD980761191
TSDF ID: CTD000604488
Waste Code: F001 - UNKNOWN
Quantity: 08000
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 1995

Document ID: NYB5601969
Manifest Status: Completed copy
Trans1 State ID: ILL141508
Trans2 State ID: Not reported
Generator Ship Date: 09/15/1994
Trans1 Recv Date: 09/15/1994
Trans2 Recv Date: / /
TSD Site Recv Date: 09/19/1994
Part A Recv Date: 09/26/1994
Part B Recv Date: 09/29/1994
Generator EPA ID: NYD001604420
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 09300
Units: P - Pounds
Number of Containers: 031
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 1994

Document ID: NYB5196726
Manifest Status: Completed copy
Trans1 State ID: 70857SNY
Trans2 State ID: Not reported
Generator Ship Date: 09/20/1993
Trans1 Recv Date: 09/20/1993
Trans2 Recv Date: / /
TSD Site Recv Date: 09/21/1993
Part A Recv Date: 11/08/1993
Part B Recv Date: 10/05/1993
Generator EPA ID: NYD001604420
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSDF ID: NYD057770109
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00605
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 011
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.

ITT SEALECTRO CORP. (Continued) **1000131198**

Specific Gravity: 100
Year: 1993

Document ID: NYB2277945
Manifest Status: Completed copy
Trans1 State ID: 75371BNY
Trans2 State ID: Not reported
Generator Ship Date: 04/09/1992
Trans1 Recv Date: 04/09/1992
Trans2 Recv Date: / /
TSD Site Recv Date: 04/13/1992
Part A Recv Date: / /
Part B Recv Date: 04/28/1992
Generator EPA ID: NYD001604420
Trans1 EPA ID: NYD051809952
Trans2 EPA ID: Not reported
TSDF ID: KYD088438817
Waste Code: F001 - UNKNOWN
Quantity: 00016
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 1992

Document ID: NYB2491191
Manifest Status: Completed copy
Trans1 State ID: 46402A
Trans2 State ID: Not reported
Generator Ship Date: 04/06/1992
Trans1 Recv Date: 04/06/1992
Trans2 Recv Date: / /
TSD Site Recv Date: 04/06/1992
Part A Recv Date: / /
Part B Recv Date: 04/28/1992
Generator EPA ID: NYD001604420
Trans1 EPA ID: NYD051809952
Trans2 EPA ID: Not reported
TSDF ID: KYD088438817
Waste Code: F001 - UNKNOWN
Quantity: 00016
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 100
Year: 1992

Document ID: NYB2491200
Manifest Status: Completed copy
Trans1 State ID: 85903DNY
Trans2 State ID: Not reported
Generator Ship Date: 04/09/1992

ITT SEALECTRO CORP. (Continued) **1000131198**

Trans1 Recv Date:	04/09/1992
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/13/1992
Part A Recv Date:	/ /
Part B Recv Date:	04/28/1992
Generator EPA ID:	NYD001604420
Trans1 EPA ID:	NYD051809952
Trans2 EPA ID:	Not reported
TSDF ID:	KYD088438817
Waste Code:	F001 - UNKNOWN
Quantity:	00016
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1992

Document ID:	NYB2491173
Manifest Status:	Completed copy
Trans1 State ID:	54795DNY
Trans2 State ID:	Not reported
Generator Ship Date:	04/06/1992
Trans1 Recv Date:	04/06/1992
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/07/1992
Part A Recv Date:	/ /
Part B Recv Date:	04/27/1992
Generator EPA ID:	NYD001604420
Trans1 EPA ID:	NYD051809952
Trans2 EPA ID:	Not reported
TSDF ID:	KYD088438817
Waste Code:	F001 - UNKNOWN
Quantity:	00016
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1992

Document ID:	NYB2491182
Manifest Status:	Completed copy
Trans1 State ID:	35864UNY
Trans2 State ID:	Not reported
Generator Ship Date:	04/06/1992
Trans1 Recv Date:	04/06/1992
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/07/1992
Part A Recv Date:	/ /
Part B Recv Date:	04/27/1992
Generator EPA ID:	NYD001604420
Trans1 EPA ID:	NYD051809952
Trans2 EPA ID:	Not reported
TSDF ID:	KYD088438817

ITT SEALECTRO CORP. (Continued) **1000131198**

Waste Code:	F001 - UNKNOWN
Quantity:	00016
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1992

Document ID:	NYB2491146
Manifest Status:	Completed copy
Trans1 State ID:	TS30A9PA
Trans2 State ID:	Not reported
Generator Ship Date:	04/13/1992
Trans1 Recv Date:	04/13/1992
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/15/1992
Part A Recv Date:	/ /
Part B Recv Date:	04/24/1992
Generator EPA ID:	NYD001604420
Trans1 EPA ID:	NYD051809952
Trans2 EPA ID:	Not reported
TSDF ID:	KYD088438817
Waste Code:	F001 - UNKNOWN
Quantity:	00016
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1992

Document ID:	NYB2491227
Manifest Status:	Completed copy
Trans1 State ID:	45081TNY
Trans2 State ID:	Not reported
Generator Ship Date:	04/13/1992
Trans1 Recv Date:	04/13/1992
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/15/1992
Part A Recv Date:	/ /
Part B Recv Date:	04/24/1992
Generator EPA ID:	NYD001604420
Trans1 EPA ID:	NYD051809952
Trans2 EPA ID:	Not reported
TSDF ID:	KYD088438817
Waste Code:	F001 - UNKNOWN
Quantity:	00016
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1992

ITT SEALECTRO CORP. (Continued) **1000131198**

Document ID:	NYB2491218
Manifest Status:	Completed copy
Trans1 State ID:	39477BNY
Trans2 State ID:	Not reported
Generator Ship Date:	04/09/1992
Trans1 Recv Date:	04/09/1992
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/13/1992
Part A Recv Date:	/ /
Part B Recv Date:	04/28/1992
Generator EPA ID:	NYD001604420
Trans1 EPA ID:	NYD051809952
Trans2 EPA ID:	Not reported
TSDF ID:	KYD088438817
Waste Code:	F001 - UNKNOWN
Quantity:	00016
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1992

Document ID:	NYA7327998
Manifest Status:	Completed copy
Trans1 State ID:	JA113
Trans2 State ID:	NJT291HA
Generator Ship Date:	08/02/1991
Trans1 Recv Date:	08/02/1991
Trans2 Recv Date:	08/10/1991
TSD Site Recv Date:	08/12/1991
Part A Recv Date:	08/16/1991
Part B Recv Date:	08/26/1991
Generator EPA ID:	NYD001604420
Trans1 EPA ID:	NJD054126164
Trans2 EPA ID:	NJD054126164
TSDF ID:	KYD088438817
Waste Code:	F001 - UNKNOWN
Quantity:	03920
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1991

Document ID:	NJA0470295
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS103
Trans2 State ID:	Not reported
Generator Ship Date:	03/01/1991
Trans1 Recv Date:	03/01/1991
Trans2 Recv Date:	/ /
TSD Site Recv Date:	03/01/1991
Part A Recv Date:	03/29/1991

ITT SEALECTRO CORP. (Continued) **1000131198**

Part B Recv Date: 03/11/1991
Generator EPA ID: NYD001604420
Trans1 EPA ID: NJD000813477
Trans2 EPA ID: Not reported
TSDF ID: NJD002454544
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00708
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
Year: 1991

Document ID: NYA7327989
Manifest Status: Completed copy
Trans1 State ID: JA113
Trans2 State ID: JA113
Generator Ship Date: 08/02/1991
Trans1 Recv Date: 08/02/1991
Trans2 Recv Date: 08/11/1991
TSD Site Recv Date: 08/12/1991
Part A Recv Date: 08/16/1991
Part B Recv Date: 08/26/1991
Generator EPA ID: NYD001604420
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: NJD054126164
TSDF ID: KYD088438817
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 03200
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 1991

Document ID: MAF0389430
Manifest Status: Completed copy
Trans1 State ID: MA40210
Trans2 State ID: Not reported
Generator Ship Date: 04/23/1991
Trans1 Recv Date: 04/23/1991
Trans2 Recv Date: / /
TSD Site Recv Date: 04/26/1991
Part A Recv Date: 05/09/1991
Part B Recv Date: 05/03/1991
Generator EPA ID: NYD001604420
Trans1 EPA ID: MAD019371079
Trans2 EPA ID: Not reported
TSDF ID: MAD019371079
Waste Code: F001 - UNKNOWN
Quantity: 00200
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 004

ITT SEALECTRO CORP. (Continued) **1000131198**

Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	1991

ECHO:

Envid:	1000131198
Registry ID:	110002092903
FIPS Code:	36119
EPA Region:	02
Indian Country Flag:	N
Federal Flag:	Not reported
US Mexico Border Flag:	Not reported
Chesapeake Bay Flag:	Not reported
NAA Flag:	Y
Latitude:	40.9528
Longitude:	-73.73813
Map Icon:	RCRA-IC-MN-N.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	CENTER OF A FACILITY OR STATION
Accuracy Meters:	30
Derived Tribes:	Not reported
Derived Huc:	02030102
Derived WBD:	Not reported
Derived STCT FPS:	36119
Derived Zip:	10543
Derived CD113:	16
Derived CB2010:	361190073001022
Percent Minority:	Not reported
Pop Den:	Not reported
Major Flag:	Not reported
Active Flag:	Y
MYRTK Universe:	NNN
Inspection Count:	0
Date Last Inspection:	08/31/2001
Days Last Inspection:	5133
Informal Count:	0
Date Last Informal Action:	11/30/1988
Formal Action Count:	0
Date Last Formal Action:	Not reported
Total Penalties:	0
Penalty Count:	0
Date Last Penalty:	Not reported
Last Penalty Amount:	Not reported
QTRS in NC:	0
Programs in SNC:	0
Curr Compliance Status:	No Violation
Curr SNC Flag:	N
3yr Compliance Status:	_____
AFS Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not reported
CAA Permit Types:	Not reported

ITT SEALECTRO CORP. (Continued) **1000131198**

CAA NAICS:	Not reported
CAA SICS:	Not reported
CAA Evaluation Count:	Not reported
CAA Days Last Evaluation:	Not reported
CAA Informal Count:	Not reported
CAA Formal Action Count:	Not reported
CAA Date Last Formal Action:	Not reported
CAA Penalties:	Not reported
CAA Last Penality Date:	Not reported
CAA Last Penality Amount:	Not reported
CAA Qtrs in NC:	Not reported
CAA Curr Compliance Status:	Not reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not reported
NPDES IDS:	Not reported
CWA Permit Types:	Not reported
CWA Compliance Tracking:	Not reported
CWA NAICS:	Not reported
CWA SICS:	Not reported
CWA Inspection Count:	Not reported
CWA Days Last Inspection:	Not reported
CWA Informal Count:	Not reported
CWA Formal Action Count:	Not reported
CWA Date Last Formal Action:	Not reported
CWA Penalties:	Not reported
CWA Last Penality Date:	Not reported
CWA Last Penality Amount:	Not reported
CWA Qtrs in NC:	Not reported
CWA Curr Compliance Status:	Not reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not reported
CWA 13QTRS EFFLNT Exceedances:	Not reported
CWA 3tr QNCR Codes:	Not reported
RCRA IDS:	NYD001604420
RCRA Permit Types:	CESQG
RCRA NAICS:	22132 56291
RCRA Inspection Count:	Not reported
RCRA Days Last Evaluation:	10138
RCRA Informal Count:	Not reported
RCRA Formal Action Count:	Not reported
RCRA Date Last Formal Action:	Not reported
RCRA Penalties:	Not reported
RCRA Last Penality Date:	Not reported
RCRA Last Penality Amount:	Not reported
RCRA QTRS in NC:	0
RCRA Curr Compliance Status:	No Violation
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	_____
SDWA IDS:	Not reported
SDWA System Types:	Not reported
SDWA Informal Count:	Not reported
SDWA Formal Action Count:	Not reported
SDWA Curr Compliance Status:	Not reported
SDWA Curr SNC Flag:	N
TRI IDS:	10543TTSLC139HO
TRI Releases Transfers:	Not reported
TRI on Site Releases:	Not reported

ITT SEALECTRO CORP. (Continued) **1000131198**

Tri off Site Transfers:	Not reported
TRI Reporter in Past:	Y
FEC Case IDS:	Not reported
FEC Number of Cases:	Not reported
FEC Last Case Date:	Not reported
FEC Total Penalties:	Not reported
GHG IDS:	Not reported
GHG CO2 Release:	Not reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002092903
Facility SIC Codes:	3678
Facility NAICS Codes:	334417 22132 56291
Facility Date Last Inspection EPA:	08/31/2001
Facility Date Last Inspection State:	12/18/1987
Facility Date Last Formal ACT EPA:	Not reported
Facility Date Last Formal ACT ST:	Not reported
Facility Date Last Inforamal ACT EPA:	11/30/1988
Facility Date Last Informal ACT ST:	01/27/1988
Facility Federal Agency:	Not reported
TRI Reporter:	Not reported
Facility IMP Water Flag:	Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

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: 10/30/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
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: 10/30/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/30/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: EPA
Telephone: N/A
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
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: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/06/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Varies

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 06/06/2016
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

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: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
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: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/24/2015
Next Scheduled EDR Contact: 03/14/2016
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: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/24/2015
Next Scheduled EDR Contact: 03/14/2016
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: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/29/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

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: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion 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: 08/01/2015
Date Data Arrived at EDR: 11/19/2015
Date Made Active in Reports: 12/10/2015
Number of Days to Update: 21

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Varies

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: 01/05/2016
Date Data Arrived at EDR: 01/06/2016
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
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: 08/20/2015
Date Data Arrived at EDR: 10/30/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 111

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
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: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
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: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/09/2016
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: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

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: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/27/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 34
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

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: 11/16/2015
Date Data Arrived at EDR: 11/19/2015
Date Made Active in Reports: 12/09/2015
Number of Days to Update: 20
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/08/2016
Next Scheduled EDR Contact: 04/25/2016
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: 12/29/2015
Date Data Arrived at EDR: 12/30/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
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

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: 12/29/2015
Date Data Arrived at EDR: 12/30/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

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: 12/29/2015
Date Data Arrived at EDR: 12/30/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 12/29/2015
Date Data Arrived at EDR: 12/30/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
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 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: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 05/09/2016
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: 11/24/2015
Date Data Arrived at EDR: 12/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 34

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

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: 08/20/2015
Date Data Arrived at EDR: 10/30/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 111

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Semi-Annually

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: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
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: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

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: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/27/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

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: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Quarterly

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: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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: 11/18/2015
Date Data Arrived at EDR: 12/28/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 45

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
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: 12/23/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

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: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Semi-Annually

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: 12/28/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

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

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: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
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: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Quarterly

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: 12/22/2015
Date Data Arrived at EDR: 12/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 01/05/2016
Date Data Arrived at EDR: 01/06/2016
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Semi-Annually

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Annually

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: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
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: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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: 09/17/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
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: 01/12/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 01/13/2016
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: Annually

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: 09/17/2015
Date Data Arrived at EDR: 12/04/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/25/2015
Next Scheduled EDR Contact: 03/14/2016
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

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: 11/09/2015
Date Data Arrived at EDR: 11/10/2015
Date Made Active in Reports: 12/08/2015
Number of Days to Update: 28

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
Data Release Frequency: Varies

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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Varies

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: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/30/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

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: 11/16/2015
Date Data Arrived at EDR: 11/19/2015
Date Made Active in Reports: 12/09/2015
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/18/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Varies

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: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/11/2015
Next Scheduled EDR Contact: 03/21/2016
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: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
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: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/19/2016
Next Scheduled EDR Contact: 05/30/2016
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: 09/01/2015
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
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: 02/09/2016
Next Scheduled EDR Contact: 05/23/2016
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/12/2016
Next Scheduled EDR Contact: 05/23/2016
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: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/04/2016
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: 12/31/2013
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/24/2015
Next Scheduled EDR Contact: 03/07/2016
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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/11/2015
Next Scheduled EDR Contact: 03/21/2016
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: 08/01/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
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: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/12/2016
Next Scheduled EDR Contact: 05/23/2016
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: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/12/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Annually

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: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/08/2016
Next Scheduled EDR Contact: 04/25/2016
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: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

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: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Quarterly

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: 06/26/2015
Date Data Arrived at EDR: 07/10/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 95

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
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: 01/13/2016
Next Scheduled EDR Contact: 04/25/2016
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: 12/11/2015
Next Scheduled EDR Contact: 03/21/2016
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/29/2016
Next Scheduled EDR Contact: 05/09/2016
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: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/07/2016
Next Scheduled EDR Contact: 04/18/2016
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: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

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: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/23/2015
Next Scheduled EDR Contact: 04/11/2016
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: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/24/2015
Next Scheduled EDR Contact: 03/07/2016
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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
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: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 86

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/08/2016
Next Scheduled EDR Contact: 05/23/2016
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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/26/2016
Next Scheduled EDR Contact: 04/18/2016
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: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2015
Next Scheduled EDR Contact: 04/11/2016
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/22/2015
Next Scheduled EDR Contact: 04/11/2016
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: 08/18/2015
Date Data Arrived at EDR: 09/01/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 125

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/03/2015
Next Scheduled EDR Contact: 03/14/2016
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: 12/04/2015
Next Scheduled EDR Contact: 03/14/2016
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: 12/04/2015
Next Scheduled EDR Contact: 03/14/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 12/10/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 11/12/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/08/2015
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 01/05/2016
Date Data Arrived at EDR: 01/06/2016
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 10/16/2015
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 03/28/2016
Data Release Frequency: Varies

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: 11/18/2015
Date Data Arrived at EDR: 12/28/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 45

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/11/2016
Date Data Arrived at EDR: 01/12/2016
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
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: 12/01/2015
Date Data Arrived at EDR: 12/29/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 02/16/2016
Next Scheduled EDR Contact: 05/30/2016
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: 11/02/2015
Date Data Arrived at EDR: 11/08/2015
Date Made Active in Reports: 12/09/2015
Number of Days to Update: 31

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/03/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Annually

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: 11/10/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/08/2015
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 01/25/2016
Next Scheduled EDR Contact: 05/09/2016
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 12/07/2015
Date Data Arrived at EDR: 12/09/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 64

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 12/09/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Quarterly

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: 11/23/2015
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 86

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/24/2015
Next Scheduled EDR Contact: 03/07/2016
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: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 103

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/21/2015
Next Scheduled EDR Contact: 04/04/2016
Data Release Frequency: Quarterly

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 Historic Gas 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 Historic Dry 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:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/18/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 55

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 12/18/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 55

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 04/16/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 36

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: No Update Planned

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: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 04/16/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 36

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/04/2016
Next Scheduled EDR Contact: 04/18/2016
Data Release Frequency: No Update Planned

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: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 12/16/2015
Date Data Arrived at EDR: 12/21/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 52

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 12/07/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 12/16/2015
Date Data Arrived at EDR: 12/21/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 52

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 12/07/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/01/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/15/2015
Date Made Active in Reports: 11/17/2015
Number of Days to Update: 33

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 02/02/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/15/2015
Date Made Active in Reports: 11/17/2015
Number of Days to Update: 33

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 02/02/2016
Next Scheduled EDR Contact: 05/16/2016
Data Release Frequency: Varies

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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/18/2016
Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/15/2016
Next Scheduled EDR Contact: 04/25/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/22/2016
Next Scheduled EDR Contact: 06/06/2016
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 11/16/2015
Date Data Arrived at EDR: 11/23/2015
Date Made Active in Reports: 01/07/2016
Number of Days to Update: 45

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/19/2016
Next Scheduled EDR Contact: 05/02/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/09/2015
Next Scheduled EDR Contact: 03/28/2016
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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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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1025 COVE ROAD
1025 COVE ROAD
MAMARONECK, NY 10543

TARGET PROPERTY COORDINATES

Latitude (North):	40.935156 - 40° 56' 6.56''
Longitude (West):	73.738422 - 73° 44' 18.32''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	606208.6
UTM Y (Meters):	4532113.0
Elevation:	7 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 principal 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).

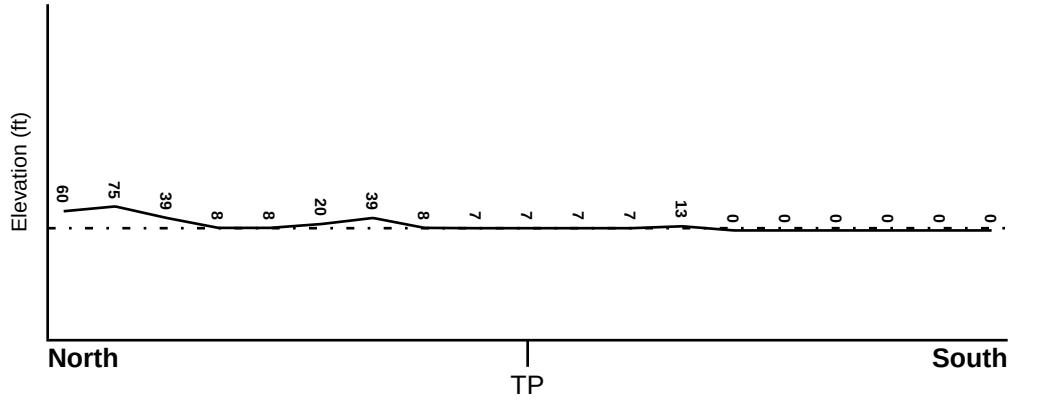
TOPOGRAPHIC INFORMATION

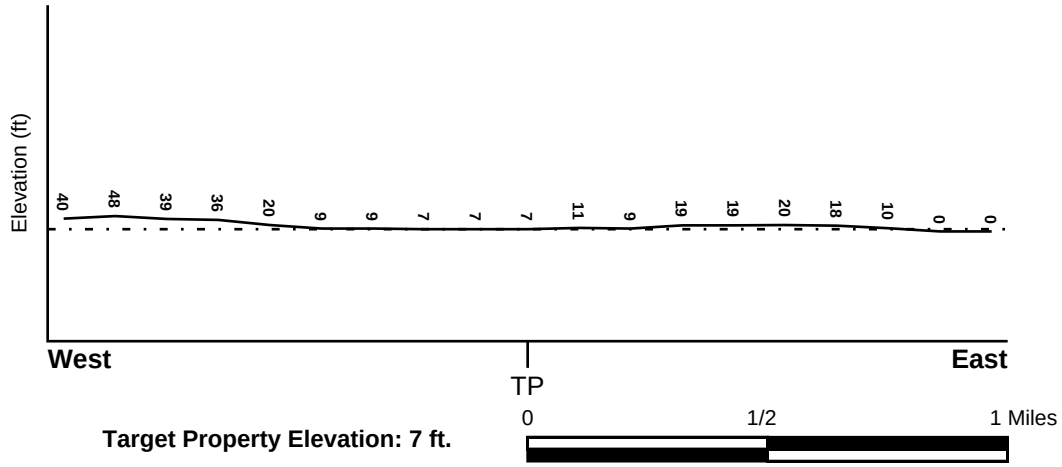
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 7 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

Target Property County	FEMA Flood Electronic Data
WESTCHESTER, NY	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 36119C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

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

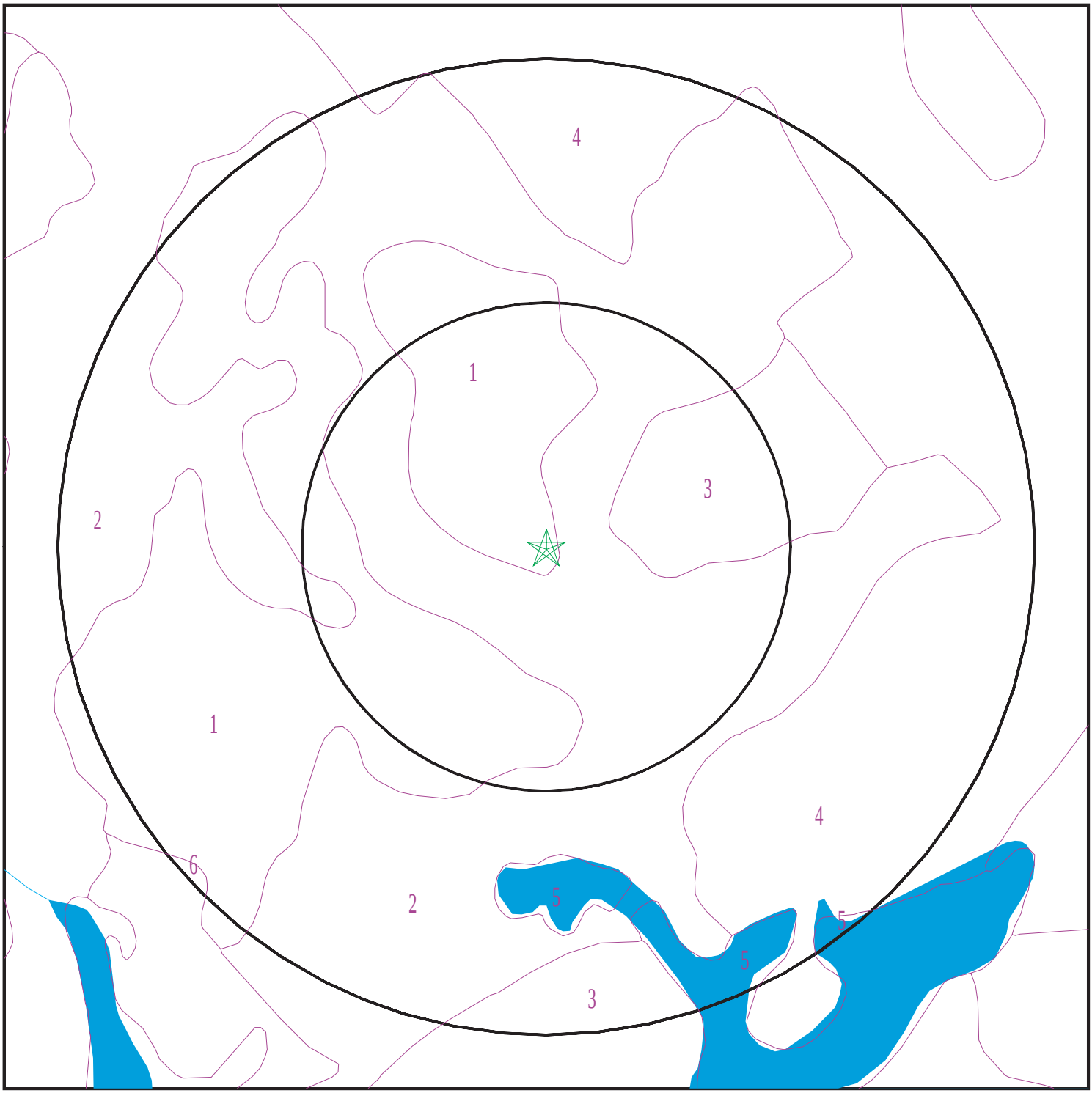
Era:	Paleozoic
System:	Ordovician
Series:	Middle Ordovician (Mohawkian)
Code:	O2 *(decoded above as Era, System & Series)*

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 - 4546842.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	1025 Cove Road	CLIENT:	GZA GeoEnvironmental of NY
ADDRESS:	1025 Cove Road Mamaroneck NY 10543	CONTACT:	RAHUL BHATIA
		INQUIRY #:	4546842.2s
LAT/LONG:	40.935156 / 73.738422	DATE:	February 24, 2016 12:24 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: 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.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5
2	7 inches	24 inches	flaggy silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5
3	24 inches	27 inches	unweathered bedrock	Not reported	Not reported	Max: 141 Min: 0.07	Max: Min:

Soil Map ID: 2

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: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 127 inches

Depth to Watertable Min: > 38 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.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 4	Max: 7.3 Min: 4.5
2	3 inches	72 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: 42 Min: 0.42	Max: 8.4 Min: 4.5

Soil Map ID: 3

Soil Component Name: Charlton

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 77 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.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 4	Max: 6 Min: 4.5
2	7 inches	24 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5
3	24 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 4

Soil Component Name: Urban land

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

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: 5

Soil Component Name: Water

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

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: 6

Soil Component Name: Ipswich

Soil Surface Texture: mucky peat

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: Very poorly drained

Hydric Status: All 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	7 inches	mucky peat	A-8	Highly organic soils, Peat.	Max: 141 Min: 4	Max: Min:

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		
2	7 inches	20 inches	muck	A-8	Highly organic soils, Peat.	Max: 141 Min: 4	Max: Min:
3	20 inches	59 inches	mucky peat	A-8	Highly organic soils, Peat.	Max: 141 Min: 4	Max: Min:

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	USGS40000836065	1/4 - 1/2 Mile South
2	USGS40000836175	1/4 - 1/2 Mile NW
3	USGS40000836156	1/4 - 1/2 Mile ENE
9	USGS40000836250	1/2 - 1 Mile NNW
10	USGS40000835999	1/2 - 1 Mile SSW
11	USGS40000836249	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
12	NY0003435	1/2 - 1 Mile NNE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A4	NYWS10000018117	1/4 - 1/2 Mile ESE
A5	NYWS10000018118	1/4 - 1/2 Mile ESE
A6	NYWS10000018116	1/4 - 1/2 Mile ESE
A7	NYWS10000018114	1/4 - 1/2 Mile ESE
A8	NYWS10000018115	1/4 - 1/2 Mile ESE

PHYSICAL SETTING SOURCE MAP - 4546842.2s

- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	1025 Cove Road	CLIENT:	GZA GeoEnvironmental of NY
ADDRESS:	1025 Cove Road Mamaroneck NY 10543	CONTACT:	RAHUL BHATIA
		INQUIRY #:	4546842.2s
LAT/LONG:	40.935156 / 73.738422	DATE:	February 24, 2016 12:24 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
South **FED USGS** **USGS40000836065**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-405552073442201		
Monloc name:	WE1376		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.9312101
Longitude:	-73.7390201	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	500
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
NW **FED USGS** **USGS40000836175**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-405618073443701		
Monloc name:	WE 147		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.9384322
Longitude:	-73.7431869	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	308
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1955	8.00	

3
ENE **FED USGS** **USGS40000836156**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-405613073435701		
Monloc name:	WE 26		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.9370433
Longitude:	-73.7320754	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	175
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1949	5.00	

A4
ESE **NY WELLS** **NYWS10000018117**
1/4 - 1/2 Mile
Higher

Fid:	18117
County:	WESTCHESTER
Town:	Mamaroneck
Dec well n:	WE6326
Foil loc:	GREACEN POINT RD
Latitude:	40 56 00.7
Longitude:	73 43 50.4
Well depth:	505
Rock depth:	30
Gw depth:	Not Reported

Cased dept:	44
Scr:	N
Yt avgdisc:	Not Reported
Regnumber:	NYRD01695
Ddlat:	40.933528
Ddlong:	-73.730667
Site id:	NYWS10000018117

A5
ESE **NY WELLS** **NYWS10000018118**
1/4 - 1/2 Mile
Higher

Fid:	18118
County:	WESTCHESTER
Town:	Mamaroneck
Dec well n:	WE6327
Foil loc:	GREACEN POINT RD
Latitude:	40 56 00.7
Longitude:	73 43 50.4
Well depth:	505
Rock depth:	30
Gw depth:	Not Reported
Cased dept:	44
Scr:	N
Yt avgdisc:	Not Reported
Regnumber:	NYRD01695
Ddlat:	40.933528
Ddlong:	-73.730667
Site id:	NYWS10000018118

A6
ESE **NY WELLS** **NYWS10000018116**
1/4 - 1/2 Mile
Higher

Fid:	18116
County:	WESTCHESTER
Town:	Mamaroneck
Dec well n:	WE6325
Foil loc:	GREACEN POINT RD
Latitude:	40 56 00.7
Longitude:	73 43 50.4
Well depth:	505
Rock depth:	30
Gw depth:	Not Reported
Cased dept:	44
Scr:	N
Yt avgdisc:	Not Reported
Regnumber:	NYRD01695
Ddlat:	40.933528
Ddlong:	-73.730667
Site id:	NYWS10000018116

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A7
ESE
1/4 - 1/2 Mile
Higher

NY WELLS **NYWS10000018114**

Fid:	18114
County:	WESTCHESTER
Town:	Mamaroneck
Dec well n:	WE6313
Foil loc:	GREACEN POINT RD
Latitude:	40 56 00.7
Longitude:	73 43 50.4
Well depth:	505
Rock depth:	30
Gw depth:	Not Reported
Cased dept:	40
Scr:	N
Yt avgdisc:	Not Reported
Regnumber:	NYRD01695
Ddlat:	40.933528
Ddlong:	-73.730667
Site id:	NYWS10000018114

A8
ESE
1/4 - 1/2 Mile
Higher

NY WELLS **NYWS10000018115**

Fid:	18115
County:	WESTCHESTER
Town:	Mamaroneck
Dec well n:	WE6324
Foil loc:	GREACEN POINT RD
Latitude:	40 56 00.7
Longitude:	73 43 50.4
Well depth:	505
Rock depth:	30
Gw depth:	Not Reported
Cased dept:	44
Scr:	N
Yt avgdisc:	Not Reported
Regnumber:	NYRD01695
Ddlat:	40.933528
Ddlong:	-73.730667
Site id:	NYWS10000018115

9
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000836250**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-405637073444201		
Monloc name:	WE1077		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.9437099
Longitude:	-73.7445758	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1955	15.00	

10
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000835999**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-405533073443901		
Monloc name:	WE 110		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.9259324
Longitude:	-73.7437425	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	209
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

11
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000836249**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-405636073450701		
Monloc name:	WE 28		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.9434321
Longitude:	-73.7515205	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

12
NNE
1/2 - 1 Mile
Lower

FRDS PWS **NY0003435**

PWS ID:	NY0003435
Date Initiated:	Not Reported Date Deactivated: Not Reported
PWS Name:	WESTCHESTER JOINT WATER WORKS 1625 MAMARONECK AVE. MAMARONECK, NY 10543
Addressee / Facility:	System Owner/Responsible Party BALANCIA CHARLES BOARD OF WATER COMMISSIONS 1625 MAMARONECK AVE. MAMARONECK, NY 10543

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility Latitude:	40 56 54	Facility Longitude:	073 43 59
Facility Latitude:	41 04 08	Facility Longitude:	073 43 12
City Served:	MAMARONECK		
Treatment Class	Not Reported	Population:	Not Reported

Violations information 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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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
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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APPENDIX H

USER QUESTIONNAIRE

USER QUESTIONNAIRE

Site Name: Hampshire Country Club, Mamaroneck, NY

Title and Signature of Person Completing Questionnaire

Daniel Pfeffer, Authorized person

DATE: February 29, 2016

The following are a series of questions from ASTM 1527-13 that must be answered in order to qualify for Landowner Liability Protection under CERCLA. Please provide an answer to each question or attach pertinent information.

(1) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

X No ☐ Yes (Describe or attach information as Attachment No. ___)

(2) Are you aware of any Activity and Use Limitations (AULs), such as engineering controls (e.g., engineered caps, foundations, liners, treatment methods, etc. in use to prevent contamination from migrating to surrounding areas), land use restrictions or institutional controls (e.g., administrative measures restricting groundwater use, construction, or property use) that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

X No ☐ Yes (Describe or attach information as Attachment No. ___)

(3) Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☐No X Yes (Describe or attach information as Attachment No. ___)

The subject property has been maintained as a golf course for approximately 100 years. Hampshire Recreation, the current owner of the property, is aware of the requirements an regulations that dictate operations and maintenance of a golf course. We and our contracted management company abide by all such rules and regulations.

USER QUESTIONNAIRE

(4) Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

☐No X Yes (Describe or attach information as Attachment No. ___)

The property was purchased in June 2010 at a price that reflected the then current value of the golf course plus additional value for future development rights.

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property?*

☐No ☐ Yes (Describe or attach information as Attachment No. ___)

N/A

(5) Are you aware of commonly known or reasonable ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User,

(5a) Do you know the past uses of the property?

☐No ☐ Yes (Describe or attach information as Attachment No. ___)

N/A

(5b) Do you know of specific chemicals that are present or once were present at the property?

☐No X Yes (Describe or attach information as Attachment No. ___)

All pesticides and other materials are used in accordance with all federal and New York state laws and regulations.

(5c) Do you know of spills or other chemical releases that have taken place at the property?

X No ☐ Yes (Describe or attach information as Attachment No. ___)

(5d) Do you know of any environmental cleanups that have taken place at the property?

X No ☐ Yes (Describe or attach information as Attachment No. ___)

USER QUESTIONNAIRE

(6) As the User of the ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

X No ☐ Yes (Describe or attach information as Attachment No. ___)

We use approved materials for typical golf course maintenance in accordance with all federal and New York state laws, as applicable.

(7) ASTM identifies certain documents as "Helpful Documents" for the understanding of environmental conditions at the Site. Are you aware of any of the following documents; and if so, can they be made available?

Prior Environmental Assessments
Compliance Reports
Environmental Permits
Tank Registrations
Material Safety Data Sheets (MSDS)
Safety or Spill Protection Plans
Risk Assessments
Hazardous Waste Generation Notices
Notices from Environmental Agencies
Underground Injection System Registrations
Community Right to Know Plans
Hydrogeologic or Geotechnical Reports

☐No ☐ Yes (Describe or attach information as Attachment No. ___)

The highlighted items may be made available upon request.

(8) Do you know who the past owners of the property are and can you provide contact information?

☐No ☐ Yes (Describe or attach information as Attachment No. ___)

The previous owner of the property was Hampshire Country Club, Inc., on information and belief a now-defunct C-Corp.

(9) Do you have a complete site plan of the property that shows property boundaries and can you make it available?

☐No X Yes (Describe or attach information as Attachment No. ___)

APPENDIX I

ENVIRONMENTAL PROFESSIONAL QUALIFICATIONS

RESUME

John M. Gavras P.G., CPG

Associate Principal

Summary of Experience

Mr. Gavras is a Professional Geologist (P.G.) and a Certified Professional Geologist (CPG) with over thirty years of comprehensive professional consulting experience including client and Program Management, and diverse project experience in geologic and hydrogeologic analyses and interpretation. Mr. Gavras is the Director of Environmental Services in GZA's Manhattan offices. He directs environmental assessment programs to determine the nature and extent of corrective action at industrial and municipal sites characterized by hazardous wastes and hazardous materials in structures, and in soil, groundwater, soil vapor, and surface water. Mr. Gavras directs the compliance status of aboveground and underground tanks and systems, and has directed numerous projects within New York State's Brownfield Cleanup Program, New York City's Voluntary Cleanup Program, and New York City's E-Designation Program and Restrictive Declaration Sites.

He also directs risk assessments, remedial action work plans, remedial investigations, and remedial alternatives analyses; directs pre-purchase and pre-sale environmental due diligence services and Phase II Environmental Site Investigations to assess site conditions, identify recognized environmental conditions, evaluate environmental risks, and develop and implement remedial action plans for mitigating environmental risks for foundation construction and development.

Relevant Project Experience

Principal-in-Charge, MTA Bridges and Tunnels, Borden Avenue, New York, New York. GZA was contracted by Navillus Contracting, Inc. on behalf of the Metropolitan Transportation Agency (MTA) Bridges and Tunnels to mitigate soil and groundwater contamination for the closure of a New York State Department of Environmental Conservation (NYSDEC) Open Spill Case. Mr. Gavras is Principal-in-Charge of the Environmental Remediation for the project at Borden Avenue. Mr. Gavras is directing the management and excavation of petroleum-impacted soil, and the implementation of the In-Situ Chemical Oxidation (ISCO) remedial program for the Site. ISCO remediation involves the injection of Fenton's Reagent through a series of injection points and excavations to remediate petroleum impacts in groundwater and to address an active NYSDEC Spill Case. GZA is an integral part of the Project Team that interfaces with the New York State Department of Environmental Conservation's (NYSDEC) Division of Remediation (DER) and has been involved in recommending alternative remedial approaches to the NYSDEC for the effective remediation of the active Spill Case.

Senior Project Manager, John Jay College Expansion Project (Remediation Phase), New York, New York. Managed remedial activities and construction oversight in connection with environmental tasks during foundation construction. The 3-acre property was a former manufactured gas storage and distribution facility, a gasoline filling station and a warehouse, and includes an Amtrak track right-of-way. Services included environmental due diligence, design and oversight of abatement and building demolition, preparation and implementation of a remedial investigation plan and preparation of remediation construction documents in coordination with site/civil, geotechnical, structural and mechanical design efforts. We are currently

Education

M.S., 1989, Earth Sciences (Hydrogeology) Adelphi University

B.S., 1984, Geology State University of New York, College at Oneonta

Registrations & Certificates

Certified Professional Geologist (CPG)

American Institute of Professional Geologists, 1990, CPG-07908

Professional Geologist (P.G.) Commonwealth of Pennsylvania, 1995, PG-002070-G

Professional Geologist (P.G.), State of New Hampshire, 2003, No. 0652

Certificate in Project Management Penn State Management Development Programs and Services, 2001

Continuous Quality Improvement (CQI) Training, The Quality Improvement Company, 1999

Gold-Certified Brownfield Professional, NYC Mayor's Office of Environmental Remediation, 2014

Areas of Specialization

- Site Characterization and Remediation
- Environmental Due Diligence
- Remedial Investigation and Remedial Alternative Analysis
- Brownfield Cleanup Program
- Hazardous Waste Remediation
- NYCDEP/NYCOER E-Designation Sites

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overseeing the remedial elements for a multi-story structure, which would include classrooms and dormitory space, which would be connected to the existing John Jay College building. Served as Senior Project Manager for all environmental remediation work required, plan preparation and demolition contractor specifications. As part of the environmental investigation, developed and managed an EQuIS chemistry database for the management of all soil, groundwater and soil gas data for the multi-story expansion with two below-grade basement levels.

Principal-in-Charge, Brooklyn Bay Center, Gravesend Bay, Brooklyn, New York. GZA provided environmental remediation services for a complex, 8-acre, man-made peninsula that was redeveloped into a BJ's Warehouse with a publicly-accessible waterfront esplanade. GZA's negotiations with the NYSDEC and innovative disposal solutions led to a gross savings of over $1 million in disposal costs for the developer and allowed the project to advance on an accelerated schedule. GZA performed remedial oversight and reporting of the following activities to facilitate site redevelopment: closure and remedial excavation of nineteen underground storage tanks and associated petroleum-impacted soil; remedial excavation of hot spot areas with elevated metals, polycyclic aromatic hydrocarbons, and other petroleum impacts; screening of solid waste and beneficial reuse of soil under a NYSDEC-approved Beneficial Use Determination; demarcation of residual soil and backfill placement; state regulatory petroleum spill case closure; community air monitoring during remediation and redevelopment; design and installation of a building sub-slab depressurization system, vapor barrier, methane and H_2S passive monitoring systems, and a composite cover system; and installation of a groundwater monitoring well network to evaluate post-remediation groundwater quality. The lynchpin of the project's development was a modification to the Beneficial Use Determination obtained from the NYSDEC during the solid waste processing activities. The BUD modification allowed for the crushing and reuse of the expansive concrete slabs and abundant concrete fill that was used to raise the grade in other portions of the site.

Task Manager, DASNY John Jay College Building Expansion, Phase I Environmental Site Assessment and Independent Third-Party Technical Review, New York, New York. Managed Phase I environmental site assessments of the proposed location for the John Jay College Phase II Building development by Dormitory Authority of the State of New York (DASNY). Mr. Gavras assisted in the technical oversight of the Phase I environmental assessment to ensure that it was consistent with ASTM Standard Practice for Environmental Site Assessments. He oversaw the development of the Phase I report, which identified, within limits, the property's potential environmental liabilities through the review of available historical maps, government regulatory records, site observations, and previous reports. Potential and recognized environmental conditions documented in the Phase I report included asbestos containing material, lead-based paint, suspect polychlorinated biphenyl (PCB)-containing equipment, and solvent and petroleum-impacted soil. The Phase I report also recommended investigative activities, including the installation of soil borings, tests pits, and the implementation of Health and Safety and air-monitoring programs. Review of historical background information indicated that the Site had been identified as the location of a former Consolidated Edison Company gasholder station, and the Site was the subject of a Voluntary Cleanup Agreement (VCA) between the NYSDEC and Consolidated Edison. Pursuant to the VCA, Consolidated Edison was to be responsible for investigating and, where necessary, remediating any residual contamination resulting from the historic operation of the former gasholder station. The additional Phase II activities were conducted by another Consultant consistent with a Site Characterization Work Plan that was developed pursuant to Consolidated Edison's VCA with the NYSDEC. Additional investigative activities included the installation of environmental soil borings and monitoring wells, geotechnical borings, and test pits, and the implementation of a comprehensive HASP and air-monitoring program.

Conducted a third-party technical review and evaluation of the Phase II Site Characterization Report for the former gasholder property. The primary objectives of the technical review were to evaluate the Consultant's draft Site Characterization Report (SCR) and provide a professional opinion and comments in connection with the methodologies, findings, and conclusions of the SCR and provide an opinion and comments regarding the potential sources of the coal-tar derived constituents (e.g., polycyclic aromatic hydrocarbons [PAHs], metals, and cyanide) detected at the subject property. DASNY also requested a review Con Edison's draft response letter to the SCR to evaluate and assess Con Edison's comments regarding the findings of the SCR along with their assertions of other sources of the PAH compounds and metals detected at the subject property. The result was a collaborative effort with the other Consultant to revise and

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finalize the draft SCR and its related figures, tables, and appendices, and to provide a coordinated response to Con Edison's comment letter.

Task Manager, NYCDDC Harper Street Asphalt Plant, Queens, New York. During preparation of the master plan for the proposed asphalt plant, managed and implemented a subsurface sampling plan to evaluate petroleum-impacted soil, sediment, and groundwater from historical site operations. The supplemental sampling plan was prepared to quantify and delineate impacted soil and sediment and supplement existing groundwater quality data. The subsurface data was used to prepare contract documents for the site demolition and construction activities as well as remediation of petroleum-impacted soil, sediment, and groundwater. Within the flood-prone construction site located near Flushing Creek, Mr. Gavras assisted in the preparation of the environmental assessment and land use application, in compliance with the New York City Environmental Quality Review (CEQR) procedures. The project for the New York City Department of Design and Construction (NYCDDC) requires an investigation of dockside conditions and possible improvements. Because the project involved littoral zone wetlands disturbance from dredging, and reconstruction of an existing bulkhead, a joint permit application was prepared and filed with the New York State Department of Environmental Conservation (NYSDEC) and the U.S. Army Corps of Engineers (USACE). As part of the joint application, Mr. Gavras prepared a storm water pollution prevention plan (SWPPP), which incorporated oil/water separators as the primary treatment methodology. Since new outfalls were created, a State Pollutant Discharge Elimination (SPDES) permit application is being prepared along with the required Spill Prevention Control and Countermeasures Plan (SPCC).

Senior Project Manager, The Shops at Atlas Park, Queens, New York. *Winner of the 2007 Phoenix Award for Brownfield Development in EPA Region 2, 2007 ACEC Gold Award for Engineering Excellence, and 2010 New York City Brownfield Cleanup Award for Open Space.* Senior Project Manager for a 12-acre, 80-year old former industrial park that was redeveloped under the New York State Brownfield Cleanup Program for mixed-use commercial, office space and entertainment. Primary responsibilities included authoring and managing a number of submittals to the New York State Department of Environmental Conservation (NYSDEC) including a Remedial Investigation Report, Remedial Action Work Plan, and Final Engineering Report in connection with obtaining a certificate of completion for the project. Atlas Park received the first such certificate to be issued for a NYC project under the Brownfield Cleanup Program, and one of only three such certificates in the State. Mr. Gavras managed the investigative and remedial activities and coordinated with the NYSDEC and the New York State Department of Health. As part of the remediation activities, numerous areas of concern were discovered and mitigated during mass excavation of historic fill from the property for new sub-grade structures (buildings and parking garages). As part of the remedy, sub-slab vapor-depressurization systems (SSDS) were designed and installed to address soil vapors in the sub-slabs of the proposed buildings. The SSDSs were designed and installed in accordance with the New York State Department of Health's soil-vapor intrusion guidance document. Additionally, an air sparge / soil vapor extraction system was designed and installed to remediate a chlorinated solvent plume in groundwater, which is approximately 60-feet below the site. The system is unique because these systems are typically installed at much shallower depths.

Principal-in-Charge, Columbia University/Manhattanville Campus Development, Bronx, New York. Under a term contract with Columbia University, GZA is providing a senior-level environmental project manager to serve as the Interim Director for Field Compliance implementing Columbia's Clean Construction Mitigation Plan at its Manhattanville Campus Development Project. The Interim Director leads a professional staff that proactively addresses potential daily impacts of construction on the surrounding community, including air quality, noise, traffic and vibration; construction parking; trash and rodent control; business disruption; site logistics; trucking and staging; route planning; communications, pre-construction surveys, and review of contractor plans. Early planning, regular monitoring and reporting, clear internal communications, effective problem solving, and timely enforcement are integral to the success of Columbia's Clean Construction Mitigation Plan. The Interim Director monitors contractors, project managers, and consultants for compliance with the program, enforces the program, and reports on compliance to the Manhattanville Campus Development Team. In addition to these planning and implementation elements, the Interim Director and the mitigation team serve as a resource for any community concerns regarding the construction activities and schedule.

Principal-in-Charge, Memorial Sloan-Kettering Cancer Center (MSKCC) – Former MGP Gasholder Facility. Principal-in-Charge of the environmental services in

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connection with the development of MSKCC's York Avenue Ambulatory Surgery Building. The Site was initially developed c. 1874 with a five million cubic-foot capacity gasholder, as part of the former York Avenue Manufactured Gas Plant (MGP) acquired by Standard Gas Light Company of New York. The steel gasholder, reportedly 220-feet long and 41-feet deep, was constructed on a concrete foundation on top of bedrock. The York Avenue Gas Holder Station was operated until 1948, at which time the gasholder at the Site was removed and the attenuating piping was capped and abandoned in place. In 1948, following the removal of the gasholder, the remaining pit was backfilled with unknown material to the ground surface elevation.

The property was redeveloped in 1950 as a six-story commercial building consisting of a parking garage, a commercial office, and warehouse space. A previous Phase I Environmental Site Assessment of the Site identified a 10,000-gallon oil underground storage tank (UST) on the property that had been abandoned in-place using the foam-filling method. GZA GeoEnvironmental (GZA) performed geotechnical and environmental subsurface investigations prior to the building demolition for the construction of a new Outpatient Surgical Center.

GZA managed and navigated this development project through the New York City Mayor's Office of Environmental Remediation's (NYCOER's) E-Designation Program. GZA performed environmental oversight, including subsurface investigation and remediation activities, tank removal, daily status updates to the NYC OER, implementation of a CAMP, and the management, handling, characterization, and off-site disposal of impacted soil and dewatering fluids.

Principal-in-Charge - New York University, Center for Urban Science and Progress (CUSP) - Environmental Due Diligence Services and Universal-Waste and Hazardous-Materials Inspections, 370 Jay Street, Brooklyn, New York. GZA assisted New York University (NYU) during its due diligence phase in anticipation of a long-term lease at the Metropolitan Transit Authority's (MTA) 500,000 square-foot office building. Specifically, GZA conducted a Hazardous Materials and Universal Waste Inspections for suspect asbestos-containing materials, lead-based paint, polychlorinated biphenyls, and mold. GZA also inspected other areas throughout the building for suspect hazardous or universal waste materials including the roof, window caulking, and other building materials and infrastructure. GZA also conducted a Phase I Environmental Site Assessment and an inventory/inspection of the petroleum storage tanks at the property. The findings, results, and conclusions of GZA's Hazardous Materials and Universal Waste Inspections along with the Phase I ESA and petroleum-storage-tank inspections were utilized by NYU to estimate costs for remediation and/or mitigation of the identified environmental concerns at the 370 Jay Street property.

Senior Project Manager, Columbia University, Manhattanville Development Project, Phases IA and 2, Manhattan, New York. Managed site investigation and remedial activities for the initial Phases of this multi-year, 17-acre, and $7 billion campus development project. The project involves the phased construction of numerous campus buildings within a five-block area. The construction will involve excavation up to 80 feet below grade to accommodate 6.8 million gross square feet of above- and below-grade mixed-use academic facilities. The scope of environmental services included compliance with local New York City and New York State regulations governing air pollution, noise generation, water discharge, and solid waste management during remediation and construction, and implementation of the obligations made by the university during the permitting phase of the project. Prepared assessments of properties as they became available for hazardous materials within buildings and under the surface, and prepared abatement and demolition plans and specifications and remedial action plans for removal and abatement of asbestos and other hazardous materials within the existing buildings, proper removal and closure of numerous underground storage tanks and spills, and remediation, handling, and management of impacted soil encountered during development.

Task Manager, DASNY Fashion Institute of Technology (FIT), Phase I and Phase II Environmental Site Assessments, New York, New York. Managed Phase I and Phase II environmental site assessments for a former bookbindery that was renovated into a dormitory by the Dormitory Authority of the State of New York (DASNY) on behalf of the Fashion Institute of Technology (FIT). Mr. Gavras managed the day-to-day scheduling, client interaction, and technical oversight of this project.

He provided technical oversight to ensure that the development of the Phase I environmental assessment was consistent with American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments. Mr. Gavras managed the development of the Phase I report, which identified, within limits, the property's

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potential environmental liabilities through the review of available historical maps, government regulatory records, site observations, and interviews. Based upon Phase I recommendations, he managed the Phase II site investigation that identified the presence of suspected environmental liabilities through a comprehensive lead-based paint and asbestos containing material investigation and a subsurface soil evaluation of suspect fuel-oil contamination. Mr. Gavras also managed the development of the Phase II report, which recommended the abatement of lead and asbestos containing material and shallow petroleum-impacted soil. He assisted in preparing cost proposals for DASNY for the abatement, removal, and excavation of this material in an effort to facilitate the property acquisition and conversion. These preliminary order-of-magnitude cost estimates were "worst-case scenarios" in order to render the building "hazard free". The unit costs were based on projects of similar size, location, and complexity. It was understood that these costs would be generated for utilization in the design phase, wherein they would be further refined and revised during subsequent discussions, planning, and coordination with the Project Architect and DASNY's Construction Project Manager. Mr. Gavras also developed and implemented a comprehensive PCB-wipe sampling and concrete coring/waste characterization program to evaluate the occurrence of PCBs throughout the fifteen-story building including the concrete floors and within oil-drip pans from the former bookbindery and printing operations. The results of the PCB wipe sampling, concrete coring, and waste characterization analyses were utilized by the construction manager for the management of materials generated during the demolition and renovation activities in the building.

Project Manager, Medgar Evers College, Phase I Environmental Site Assessment and Phase II Environmental Services, Brooklyn, New York. The expansion of Medgar Evers College involved the razing of a NYC Department of Sanitation (NYCDOS) facility located in Brooklyn, New York where impacted soil from historical petroleum releases (i.e., gasoline and diesel) are present and petroleum-related compounds migrated downwards from the source areas (e.g., tanks, piping, and dispensers) and in some areas adversely affected perched ground-water quality. In support of a Draft Generic Environmental Impact Statement (DGEIS) for DASNY, Mr. Gavras managed a Phase I Environmental Site Assessment (ESA) of this facility. Based on the findings of the Phase I ESA, recommended the following scope of work for Phase II investigation activities at the site: obtain, review and evaluate existing background information, develop a site-specific Work Plan for characterization of soil and groundwater from a pre-construction standpoint, and provide environmental oversight during construction activities. Developed order-of-magnitude costs for potential remedial activities that may be associated with the discharge of petroleum at the site.

Task Manager, Arverne Urban Renewal Area, Phase I and Phase II Environmental Site Assessment, Queens, New York. Managed Phase I Environmental Site Assessment (ESA) and Sampling and Analysis Plan (SAP) for the Phase II Environmental Site Investigation (ESI) of the Arverne Urban Renewal Area. The Project Area consisted of more than 300-acres of beachfront property, residential communities, retail and commercial properties and light industries. The goal of the ESA was to identify possible sources of contaminated material and hazardous waste within and adjacent to the project area. The ESA was undertaken in support of an Environmental Impact Statement (EIS) for the residential, commercial and parkland development of the Arverne Urban Renewal Project for the New York City Department of Housing Preservation and Development. The findings of the ESA were used to develop the Hazardous Materials Section of the EIS. The assessment was consistent with the protocols presented in the New York City Environmental Quality Review (CEQR) guidelines and the CEQR Technical Manual and guidelines of the ASTM Standard Practice for ESAs.

Senior Project Manager, Royal Bank of Scotland GBM Building, Stamford, Connecticut. Conducted extensive pre-purchase environmental due diligence for the siting of RBS' future Americas Headquarters. Evaluated soil and groundwater impacts at a number of parcels previously occupied by auto repair garages, gasoline stations, and industrial facilities. Soil was impacted with volatile organic compounds, semi-volatile organic compounds, and metals. Site remediation activities included in-situ waste characterization sampling and analyses of soil. Identified and delineated hot spot areas, and managed the methodical excavation and handling of soil for off-site disposal. Conducted post-excavation soil sampling to verify that the hot-spot areas were remediated. Implemented a community air-monitoring program throughout the remedial excavation activities that involved the monitoring and control of dust and total organic vapors. Additional remedial activities involved the decommissioning, removal, and disposal of eleven underground storage tanks (UST) and petroleum-impacted

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soil. A soil vapor barrier/membrane was incorporated into the building foundation design.

Senior Project Manager, The Queens Family Courthouse, Jamaica, New York. Managed the Phase I ESA, the Phase II ESI, and the remediation of petroleum-impacted and historic urban fill material during site development. Based on the results of the Phase I ESA, several recognized environmental conditions were identified including USTs and open spills associated with the USTs. Subsequent to the Phase I ESA, a Phase II ESI was conducted that involved a ground penetrating radar survey, and the installation and sampling of a number of soil borings and monitoring wells to evaluate the extent and magnitude of petroleum-impacted soil and groundwater contamination beneath the subject property. Based on the results of the Phase II ESI, soil and groundwater impacts (i.e., petroleum product and tetrachloroethene [PCE]) were identified. As extensive site excavation was anticipated as part of this project, it was anticipated that other more significant impacts would be identified. On behalf of the owner, a Brownfield Cleanup Program application was prepared and submitted to the NYSDEC. The proposed redevelopment of the Queens Family Courthouse involved mixed-use retail and residential consisting of approximately 69 100%-affordable- cooperative-units, and 276-mixed-income rental units.

Senior Project Manager, Brooklyn Bay Center, Gravesend Bay, Brooklyn, New York. Managed the remedial investigation of this 8-acre commercial peninsula on Gravesend Bay in Brooklyn that was developed into a BJ's Warehouse with a publically-accessible waterfront esplanade. Developed and obtained NYSDEC approval of a Remedial Action Plan to remediate and remove numerous historic underground storage tanks (UST) that remain at the Site along with any associated petroleum-impacted soil. Historical usage at the Site included a solid waste transfer facility, a coal storage facility, an asphalt plant, auto dealership/rentals, and most recently a school bus parking and maintenance facility. Additionally, an extensive volume of historic urban fill mixed with solid waste material comprised the entire western plateau of the Site because the former transfer station reportedly took in more solid waste that it was able to process. Primary responsibilities included managing the implementation of a Phase I ESA and several Phase II ESIs to characterize in-situ solid waste in the western portion of the Site and petroleum-impacted materials in the eastern portion of the Site. Conducted extensive sampling of the solid waste material and performed a statistical analyses of the soil data to develop site-specific soil cleanup objectives that were presented to the NYSDEC's Division of Solid Waste in a Beneficial Use Determination Request to beneficially reuse the resultant solid waste material as fill for building up the eastern portion of the Site during its development. Obtained approval of the BUD request from NYSDEC's Solid Waste Division with the stipulation that hot spot would first need to be remediated and then all solid waste would need to be screened out of the fill material prior to its beneficial reuse to build up the eastern portion of the Site. Mr. Gavras authored a comprehensive Solid Waste Mitigation and Soil Management Plan that was implemented during the beneficial reuse of the fill material at the Site. Building design incorporated a passive methane and hydrogen sulfide monitoring system along with a sub-slab vapor depressurization system as engineering controls to protect future occupants of the big box retail center.

Senior Project Manager, RCRA Violation, A. Philip Randolph Houses (NYCHA), New York, New York. Before granting National Environmental Policy Act (NEPA) approval for the New York City Housing Authority (NYCHA) to acquire the A. Philip Randolph Playground in the Harlem section of Manhattan, the Department of Housing and Urban Development (HUD) required that additional information be provided in connection with a Resource Conservation and Recovery Act (RCRA) violation at a nearby Board of Education facility. Mr. Gavras served as Task Manager in charge of managing the supplemental file review addressing the RCRA violation. Based on the findings of the review, it was determined that the RCRA violation was apparently a "paper violation" due to a non-reporting incident. A conclusion was made that the RCRA violation did not appear to present an adverse effect on playground users or pose any conflicts with the current and proposed future use of the site as a playground.

Senior Project Manager, NYCHA Investigative and Remedial Design, Various Locations, New York, New York. Managed investigative and remedial design services at numerous petroleum bulk storage facilities at housing development sites throughout New York, NY. Mr. Gavras assisted with an order of consent issued by the New York State Department of Environmental Conservation to NYCHA. He developed site-specific work plans for conducting comprehensive site assessments and investigations at documented spill sites, and site investigation activities involving soil boring and monitoring well installations to delineate the extent and magnitude of fuel oil contamination

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Associate Principal

in the soil and groundwater. Following the investigative phase of the contract, Mr. Gavras managed the preparation of site-specific investigative summaries and remedial action work plans. Based on the results of the site investigations, his team provided remedial design services, as needed, and contract plans and specifications for remediation activities where warranted, implementing and observing any remediation activities.

Senior Hydrogeologist, Groundwater Monitoring Services, Town of Oyster Bay, Oyster Bay, New York. Senior hydrogeologist for the groundwater-monitoring program for the Town of Oyster Bay. Groundwater monitoring was conducted to assess the effectiveness of the remediation system at Old Bethpage Landfill, which is located in Oyster Bay. A volatile organic compound (VOC) plume that originated at the landfill was migrated off site 0.5 miles downgradient of the source. The contaminated groundwater was recovered by five high-capacity extraction wells, treated on site, and discharged to an upgradient recharge basin. The remedial system has been operating since April 1992. The remedial system's zone of influence and groundwater quality was monitored on a quarterly basis to assess the progress of the groundwater cleanup and to determine whether the termination criteria for remediation had been met. Mr. Gavras conducted a comprehensive well inventory and assessment, managed the rehabilitation and redevelopment of wells, and coordinated the retrofitting and proper placement of dedicated submersible pumps.

Senior Project Manager, Site Investigation/Hazard Ranking of a Class 2A Site, Hicksville, New York. Supervised Phase I and Phase II site investigations and Hazard Ranking System II scoring to assess chlorinated solvent contamination in soil and groundwater. Key components of the project included drum removal, soil remediation, a comprehensive soil gas survey, extensive groundwater monitoring and assessment, and the generation of supporting data for reclassifying the site as a Class 4 site.

Senior Project Manager, Site Assessment of a Former Color Concentrate Manufacturing Facility and Class 2A Site, Farmingdale, New York, *Confidential Potentially Responsible Party (PRP) Group*. Managed a preliminary site assessment at a former color concentrate manufacturing facility and Class 2a site for a PRP group. Evaluated the occurrence of metals contamination in soil throughout the site, within dry wells, and in former recharge basins through a comprehensive soil and groundwater-sampling program.

Task Manager, Benjamin Beechwood, LLC Arverne Urban Renewal Area Supplemental Phase I ESA, Queens, New York. Managed a supplemental Phase I ESA of a portion of the Arverne Urban Renewal Area in Queens, New York (Project Area) for a developer as part of its environmental due diligence before considering acquisition of the western portion of the Arverne Urban Renewal Area. The Project Area consisted of residential communities, retail and commercial properties and light industry. The primary objective of the Phase I ESA was to update and augment a previous Phase I that was conducted for the New York City Department of Housing Preservation and Development to confirm and identify any new potential recognized environmental conditions within and adjacent to the project area. The findings of the Phase I ESA would be used by the developer to identify and evaluate any recognized environmental conditions. The Phase I ESA was conducted consistent with the ASTM Standard Practice for ESAs.

Project Manager, Site B Phase I ESA and Supplemental File Review for NYCHA Ocean Bay Hope VI Urban Revitalization Area, Queens, New York. Managed the Phase I ESA of Site B at the Ocean Bay Hope VI Urban Revitalization Area. The 110,000-square-foot subject property was comprised of three tax lots along Beach 58th Street between Beach Channel Drive and Elizabeth Avenue. NYCHA was considering using the site for residential, commercial, or community facility use(s) and/or a ferry dock. The primary objective of the Phase I ESA was to identify any recognized environmental conditions in connection with the subject property. The Phase I ESA was conducted consistent with the ASTM Standard Practice for ESAs. Based on the findings of the Phase I ESA, conducted a supplemental file review of an active, off-site petroleum spill of unknown cause that posed a recognized environmental condition in connection with the site. Based on the findings of the supplemental file review, free-phase petroleum product was discovered in a soil boring during a preliminary investigation for a new gas line. The occurrence of free product along the sidewalk at the intersection may have impacted soil and/or groundwater quality at the Site. Further recommendations included conducting a soil gas survey, and soil and/or groundwater sampling as part of a Phase II Environmental Site Investigation (ESI) to further evaluate the extent of any environmental impacts from the active off-site petroleum spill.

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Limited Phase II Environmental Site Investigation (ESI)

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LIMITED PHASE II ENVIRONMENTAL SITE INVESTIGATION HAMPSHIRE COUNTRY CLUB 1025 COVE ROAD MAMARONECK, NEW YORK 11219

PREPARED FOR:
VHB
50 Main Street, Suite 360
White Plains, New York 10606

PREPARED BY:
GZA GeoEnvironmental of New York
104 West 29th Street, 10th Floor
New York, New York 10001

April 2016

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GZA GeoEnvironmental of New York
104 West 29th Street
10th Floor
New York, NY 10001
212.594.8140
www.gza.com

April 25, 2016
File No.: 41.0162403.00

Michael W. Junghans
VHB
50 Main Street, Suite 360
White Plains, NY 10606

Re: Limited Phase II Environmental Site Investigation
Hampshire Country Club
1025 Cover Road
Mamaroneck, New York

Dear Mr. Junghans:

In accordance with our proposal dated December 30, 2015 (revised February 2, 2016), GZA GeoEnvironmental of New York (GZA) is pleased to provide the attached Limited Phase II Environmental Site Investigation Report.

We hope this satisfies your present needs. If you need any additional information, please call Stephen Kline or John Gavras at 212-594-8140.

Very truly yours,

GZA GEOENVIRONMENTAL OF NEW YORK

Stephen M. Kline, P.E.
Senior Project Manager

Benjamin Alter, P.G.
Consultant Reviewer

John M. Gavras, P.G., CPG
Associate Principal

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1.0 INTRODUCTION

GZA GeoEnvironmental of New York (GZA) was retained by VHB (the Client) to perform a Limited Phase II Environmental Site Investigation (ESI) of Hampshire County Club, located at 1025 Cove Road, Mamaroneck, New York (Site). Fieldwork was performed from March 14 through March 16, 2016 in accordance with our proposal, dated December 30, 2015, and revised February 2, 2016.

1.1 Objectives

The primary objective of the Limited Phase II ESI was to collect and analyze shallow soil and sediment samples in order to assess the impacts of pesticide and herbicide usage at the Site on the proposed redevelopment of the Site.

1.2 Scope of Services

GZA implemented a specific scope of work that was developed by the Client. GZA's scope of services included the following activities:

- Collection of 21 shallow soil borings using hand tools;
- Description and classification of soil samples;
- Field screening of soil samples using a photoionization detector (PID);
- Collection of six sediment samples from on-Site water bodies;
- Laboratory analyses of 48 samples; and
- Preparation of this Limited Phase II ESI Report (Report).

This Report presents GZA's field observations, results, and opinions. This Report is subject to modification if subsequent information is developed by GZA, or any other party. This Report has been prepared in accordance with the limitations presented in **Appendix A**.

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2.0 PROJECT BACKGROUND

This section provides information regarding the past uses, ownership, and previous investigations performed of the Site.

2.1 Site Location and Description

The Site is located at 1025 Cove Road in Mamaroneck, New York. The Site is bounded by Delancey Cove to the south and residential neighborhoods to the north, west, and east. The border between the Village of Mamaroneck and the Town of Mamaroneck passes through the western portion of the Site. A Site Location Plan is attached as **Figure 1**.

The approximately 130-acre Site is known as Hampshire Country Club. The country club is identified in the Village of Mamaroneck Section 9, and the following assessor's block and lot numbers:

Block 35: Lot 700,
Block 36: Lot 1
Block 42: Lots 367, 568, 659
Block 43: Lots 1, 12

The southern section of the country club contains the clubhouse, a one-story, 35,000-square foot frame and stone building, which provides amenities including locker rooms, fitness rooms and dining areas. To the southwest of the primary clubhouse is the golf pro shop building, swimming pool, and swimming pool maintenance building. On the north side of Delancey Cove Road, is a caddy headquarters/golf cart-storage garage.

The central area is primarily compromised of the 18-hole golf course. Water hazards on the golf course consist of six artificially created ponds are located throughout the golf course. Various sand traps and landscaped hills are located throughout the golf course. A comfort station/restroom is located on the north side of the golf course.

The northern side of the Site contains the maintenance areas. The maintenance area consists of a workshop building, a chemical storage shed, an equipment storage building and an equipment storage shed.

2.2 Site and Area Use

The Site is occupied by Hampshire Country Club. It is a private country club consisting of a golf course, tennis courts, a swimming pool, and associated buildings. Eagle Knolls Road, which turns into Cove Road, passes through the southern side of the Site, to the north of the primary clubhouse and parking areas.

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2.3 Previous Investigations

GZA recently completed a Phase I Environmental Site Assessment (ESA) and a Preliminary Geotechnical Engineering Report as part of the redevelopment studies. The Client also provided GZA with excerpts from a subsurface investigation report performed in 2012. These three previous investigations are summarized below in chronological order.

Subsurface Investigation Boring Logs – East Coast Geoservices, LLC, dated July 2012

GZA reviewed soil-boring logs, dated July 2012, and prepared by East Coast Geoservices, LLC (ECG). ECG performed six soil borings at the Site (identified as B-1 through B-6). Groundwater was encountered at borings B-1 through B-3 at 5 feet below ground surface (bgs). Groundwater was encountered in boring B-4 at 10 feet bgs and in boring B-6 at 15 feet bgs. Groundwater was not encountered in boring B-5. The borings ranged in depth from 6 feet bgs (due to refusal) to 17 feet bgs (due to refusal). ECG assumed that drilling refusal was at the top of bedrock, but ECG did not conduct any rock coring to confirm the bedrock elevation. No environmental observations were noted on the boring logs.

Preliminary Geotechnical Engineering Report, prepared by GZA, dated March 18, 2016

GZA performed a geotechnical investigation at the Site and prepared a Preliminary Geotechnical Engineering Report, dated March 18, 2016. The geotechnical investigation consisted of six test borings (designated GZ-1 through GZ-6), drilled by Soil Testing, Inc. of Oxford, Connecticut, from February 29-March 1, 2016 using hollow-stem auger drilling techniques. Depth to bedrock based on drilling refusal was encountered between three to 17.5 feet bgs. Bedrock was cored at one location (GZ-2). The report evaluated subsurface conditions at the Site and provided preliminary geotechnical design and construction recommendations for proposed redevelopment at the Site.

Phase I Environmental Site Assessment, prepared by GZA, dated April 18, 2016

GZA conducted a Phase I ESA and prepared a Phase I ESA Report dated April 18, 2016. The Phase I ESA report identified the history of pesticide and herbicide use at the Site for maintenance of the golf course, and the absence of quantitative soil quality data at the Site as a data gap.

2.4 Site History

On the 1934 Sanborn Fire Insurance Map reviewed as part of GZA's Phase I ESA, the Site is a golf course. On prior Sanborn maps, the Site and general vicinity consisted of vacant land utilized for agricultural purposes. The Hampshire Country Club website indicates that Devereux Emmet designed the golf course in 1927. In addition, a review of the historical topographic maps indicated that during the development of the country club, inlets from Long Island Sound and coastal marshland that were present on the Site were backfilled. The source of the historic fill material is unknown.

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2.5 Proposed Development

The proposed conceptual site plan consists of the development of 105 units to include single-family homes and town homes, roadways, utilities, detention ponds, and recreational facilities. It is also our understanding that certain areas of the proposed site grades will be raised by up to 10 feet from existing grade and the total building footprint will be approximately 500,000 square feet.

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3.0 ENVIRONMENTAL SETTING

Based on a review of the 2013 U.S. Geologic Survey (USGS) Map for Mamaroneck, New York the Site is located at an approximate elevation between five and 10 feet above mean sea level (MSL). The general, regional topography slopes downward from the north to the south, with a localized higher elevation area running northeast of the Site and separating it from Mamaroneck Harbor further to the northeast of the Site. Running north to south in the middle of the Site are a series of small hills, which reach elevations greater than 20 feet above MSL, and slope downward towards the on-Site ponds in the eastern and southern portions of the Site. As shown on **Figure 1**, topography near the Site generally slopes downward towards Delancey Cove to the south of the Site.

3.1 Soil and Rock Conditions

Based on the results of the subsurface exploration programs conducted by ECG and GZA, the subsurface conditions at the Site generally consist of a thin overburden overlaying shallow bedrock. The strata were generally described as consisting of the following, in order of increasing depth:

- SURFACE COVER – A three to four-inch thick topsoil/sod layer typically was observed at the ground surface.
- FILL – Fill, consisting of gray/tan fine to coarse sand, was encountered in some of the test borings.
- SILT AND CLAY – A Silt and Clay stratum, consisting of gray silt, and clay, was encountered immediately below the surface cover in most locations to depths ranging between 2 and 4 feet bgs.
- PEAT – A fibrous peat layer was noted in the eastern portions of the Site.
- SAND – A sand stratum, consisting of gray/brown fine to coarse sand, was encountered in each test boring below the Surface Cover, Fill, or Silt and Clay layers to depths ranging from three to 17.5 feet bgs. The Sand stratum extended to the top of bedrock in each exploration.
- BEDROCK – Refusal (presumed to be top of bedrock) was encountered at all of the test borings at depths ranging from three to 17.5 feet bgs. The bedrock encountered consisted of slightly fractured, moderately weathered Gneiss.

3.2 Groundwater Conditions

The estimated depth to groundwater is less than 10 feet bgs. Based on a review of regional topography depicted on the USGS Map for the area, the inferred direction of groundwater flow is to the south towards Delancey Cove.

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A groundwater observation well was installed at the Site during a geotechnical investigation on March 1, 2016. Groundwater was encountered in the monitoring well at less than 5 feet bgs. It should be noted that changes in groundwater levels generally would occur due to variations in seasonal influences, tidal fluctuations, precipitation amounts, local pumping, utility leakage, and other factors different from those existing at the time the observations were made.

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4.0 SITE INVESTIGATION ACTIVITIES

GZA collected 42 samples from 21 individual shallow soil borings (SS-01 through SS-21) across the Site from March 14 through March 16, 2016. In addition, six sediment samples (SED-01 through SED-06) were collected from on-Site ponds. The sampling locations were selected to obtain representative coverage of the Site including the proposed redevelopment area.

The soil boring and sediment sampling locations are shown on **Figure 2**. Sample collection information, which includes the location and description of the samples, is provided in **Table 1.** Representative photographs of the field investigation activities are included in **Appendix B**.

4.1 Shallow Soil Sampling

On March 14, 15, and 16, 2016, GZA personnel used a hand auger to collect soil samples from two intervals at each location: 1) "surface soil" (a sample at a depth of 0-6 inches), and 2) "subsurface soil" (a sample at a depth of 18-24 inches). During the sampling, the hand auger was field decontaminated by washing with a laboratory grade detergent (Alconox™) to remove visible contamination. The hand auger was subsequently wiped dry prior to reuse.

GZA personnel screened the soil cores for the presence of total organic vapors (TOV) using a photoionization detector (PID) equipped with a 10.6 eV lamp, visually observed for staining, and classified recovered soil using the modified Burmister soil classification system (see **Table 1**).

4.2 Sediment Sampling

On March 14, 2016, GZA personnel also used a hand auger to collect sediment samples. The sediment samples were collected from the edge of the ponds, and near visible discharge pipes located within the ponds.

Similar to the procedures described above, GZA personnel screen the sediment samples for the presence of TOV using a PID equipped with a 10.6 eV lamp, and visually observed for any staining. During the sediment sampling, the hand auger was field decontaminated by washing with a laboratory grade detergent to remove visible contamination between sampling locations.

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4.3 Sample Collection and Chemical Analysis

Media sampled and evaluated as part of this Limited Phase II ESI included shallow soil and sediment. A summary of the chemical analytical methods performed on the shallow soil and sediment samples is provided below.

Summary of Chemical Analytical Methods Performed

Laboratory	**Description**
Chemical Analytical Laboratory	ESS Laboratory of Cranston, Rhode Island (ESS).
Soil and Sediment Analytical Methods	Arsenic by EPA Method 6010C Lead by EPA Method 6010C Organochlorine Pesticides by EPA Method 8081B Chlorinated Herbicides by EPA Method 8151A

5.0 RESULTS

The analytical results of soil and sediment samples collected during the Limited Phase II ESI activities are discussed below. The soil sample analytical results were compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 "Unrestricted Use" Soil Cleanup Objectives (SCO) and the "Restricted Use" Residential SCO. The soil analytical results are presented in **Tables 2 through 4**. **Tables 2 through 4** provide a summary of only the compounds that were detected in the laboratory analyses. The complete ESS laboratory report with the full list of analyzed compounds is attached as **Appendix C.**

Surface Soil (0"-6" bgs) Samples

Laboratory analytical results for the surface soil samples, collected from 0-6 inches bgs, are summarized in **Table 2.**

Arsenic was identified in eight samples (SS-06, SS-07, SS-12, SS-13, SS-15, SS-16, SS-17, and SS-19) at concentrations that exceeded its respective Unrestricted Use SCO. The arsenic concentration in six of these samples (SS-07, SS-12, SS-13, SS-15, SS-17, and SS-19) also exceeded its respective Residential Use SCO.

Lead was identified in seven samples (SS-03, SS-04, SS-06, SS-07, SS-12, SS-13, and SS-17) at concentrations that exceeded its respective Unrestricted Use SCO. None of the lead concentrations in the surface soil samples exceeded its respective Residential Use SCO.

The laboratory analysis for pesticides identified six compounds (4,4'-DDD, 4,4'-DDE, 4,4-DDT, Aldrin, alpha-Chlordane, and Dieldrin) at concentrations that exceeded their respective Unrestricted Use SCOs in 20 of the 21 surface soil samples. The pesticides 4,4'-DDE, 4,4'-DDT and Dieldrin were identified in three of these locations (SS-06, SS-07, and SS-15) at concentrations that also exceeded their respective Residential Use SCO.

No herbicide compounds were detected in any of the surface soil samples.

Subsurface Soil (18"-24" bgs) Samples

Laboratory analytical results for the subsurface soil samples, collected from 18-24 inches bgs, are summarized in **Table 3.**

Arsenic was identified in four subsurface samples (SS-06, SS-12, SS-14, and SS-17) at concentrations that exceeded the Unrestricted Use SCO. The arsenic concentration in two of these subsurface samples (SS-14 and SS-17) also exceeded its Residential Use SCO.

Lead was identified in three subsurface samples (SS-05, SS-06, and SS-12) at concentrations that exceeded the Unrestricted Use SCO. None of the lead concentrations in the subsurface soil samples exceeded the Residential Use SCO.

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The laboratory analysis for pesticides identified eight compounds (4,4'-DDD, 4,4'-DDE, 4,4-DDT, Aldrin, alpha-Chlordane, delta-BHC, Dieldrin, and Endrin) at concentrations that exceeded the Unrestricted Use SCO. Pesticides concentrations exceeding the Unrestricted Use SCO were identified in 15 of the 21 subsurface soil samples. The pesticide Dieldrin was identified in one of these locations (SS-06) at a concentration that also exceeded its Residential Use SCO.

No herbicide compounds were detected in any of the subsurface soil samples.

Sediment Samples

Laboratory analytical results for the sediment sampling are summarized in **Table 4**.

Arsenic was not detected in any of the sediment samples at concentrations that exceeded the Unrestricted Use SCO. Lead was identified in one sample (SED-06) at a concentration that exceeded its respective Unrestricted Use SCO. Neither metallic element exceed its Residential Use SCO.

The laboratory analysis for pesticides identified six compounds (4,4'-DDD, 4,4'-DDE, 4,4-DDT, Aldrin, alpha-Chlordane, and Dieldrin) at concentrations that exceeded their respective Unrestricted Use SCO in four of the six sediment samples. None of the pesticides concentrations exceeded the Residential Use SCO at any of the locations.

Herbicide concentrations were detected in sediment samples (SED-02). However, there are no NYSDEC SCOs for the two compounds detected (i.e., Dicamba and Dichlorprop).

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6.0 FINDINGS AND CONCLUSIONS

GZA conducted a Limited Phase II Environmental Site Investigation for Hampshire Country Club, located at 1025 Cove Road in Mamaroneck, New York. The Limited Phase II ESI included shallow soil sampling of surface (i.e., 0-inch to 6-inches bgs) and subsurface (i.e., 18-inch to 24-inches bgs) intervals, and sediment sampling from the six on-Site ponds. No groundwater sampling was performed.

The findings of the Limited Phase II ESI are summarized below.

- Arsenic was not detected in any of the sediment samples at concentrations that exceeded its respective soil cleanup objective.
- Lead was identified in one sediment sample (SED-06) at a concentration that exceeded its respective Unrestricted Use SCO.
- Six pesticides were identified in the sediment samples (4,4'-DDD, 4,4'-DDE, 4,4-DDT, Aldrin, alpha-Chlordane, and Dieldrin) at concentrations which exceeded the Unrestricted Use SCO. The exceedances were identified in five of the six sediment samples. None of the pesticide compounds exceeded their Residential Use SCO in any of the samples analyzed.
- Arsenic was identified in eight of the 21 surface soil samples (SS-06 0-6, SS-07 0-6, SS-12 0-6, SS-13 0-6, SS-15 0-6, SS-16 0-6, SS-17 0-6, and SS-19 0-6) at concentrations that exceeded the Unrestricted Use SCO. The arsenic concentrations in six of these samples (SS-07 0-6, SS-12 0-6, SS-13 0-6, SS-15 0-6, SS-17 0-6, and SS-19 0-6) also exceeded the Residential Use SCO.
- Lead was identified in seven of the 21 surface soil samples (SS-03 0-6, SS-04 0-6, SS-06 0-6, SS-07 0-6, SS-12 0-6, SS-13 0-6, and SS-17 0-6) at concentrations that exceeded its respective Unrestricted Use SCO. None of the lead concentrations in the surface soil samples exceeded the Residential Use SCO.
- Six pesticides were detected in the surface soil samples (4,4'-DDD, 4,4'-DDE, 4,4-DDT, Aldrin, alpha-Chlordane, and Dieldrin) at concentrations that exceeded the Unrestricted Use SCO. Pesticides concentrations exceeding the Unrestricted Use SCO were identified in 20 of the 21 surface soil samples. The pesticides 4,4'-DDE, 4,4'-DDT and Dieldrin were identified in three of these locations (SS-06 0-6, SS-07 0-6, and SS-15 0-6) at concentrations that also exceeded the Residential Use SCO.
- Arsenic was identified in four of the 21 deeper soil samples (SS-06 18-24, SS-12 18-24, SS-14 18-24, and SS-17 18-24) at concentrations that exceeded its respective Unrestricted Use SCO. The arsenic concentrations in two of these samples (SS-14 18-24, and SS-17 18-24) also exceeded the Residential Use SCO.
- Lead was identified in three of the subsurface soil samples (SS-05 18-24, SS-06 18-24, and SS-12 18-24) at concentrations that exceeded its respective Unrestricted Use SCO. None

of the lead concentrations in the subsurface soil samples exceeded the Residential Use SCO.

- Eight pesticides were identified in the 21 subsurface soil samples (4,4'-DDD, 4,4'-DDE, 4,4-DDT, Aldrin, alpha-Chlordane, delta-BHC, Dieldrin, and Endrin) at concentrations that exceeded the Unrestricted Use SCO. Pesticides concentrations exceeding the Unrestricted Use SCO were identified in 15 of the 21 subsurface soil samples. The pesticide Dieldrin was identified in one of these locations (SS-06 18-24) at a concentration that also exceeded the Residential Use SCO.
- No herbicides were detected in any of the surface or subsurface soil samples.
- Herbicide concentrations were detected in one of the sediment samples (SED-02). However, there are no NYSDEC SCOs for the two herbicide compounds detected (i.e., Dicamba and Dichlorprop).

Please note that soils and sediments that exceed Unrestricted Use and/or Residential Use SCOs, and that remain on-Site after redevelopment, may have regulatory restrictions imposed, such as environmental easements, or other land use controls.

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TABLES

Table 1 - Soil and Sediment Sampling Log

Hampshire Country Club
Mamaroneck, New York

Sample No.	Depth	PID	Location Description	Soil Description
SS-1	(0-6")	ND	Between berm and pulloff on road. On north side of cart path	brown, fine to medium SAND
	(18-24")	ND		brown, fine to medium SAND
SS-2	(0-6")	ND	Middle of pond shore between cart path and pond	grey, fine to medium SAND, and gravel, trace silt.
	(18-24")	ND		grey, fine to medium SAND, and gravel, trace silt.
SS-3	(0-6")	ND	Flat area south of hill on east side of cart path	black, fiberous PEAT, some silt
	(18-24")	ND		black, fiberous PEAT, some silt
SS-4	(0-6")	ND	Between sand trap and cart path on west side of path	brown, fine to medium SAND, some gravel, trace silt
	(18-24")	ND		grey, fine to medium SAND
SS-5	(0-6")	ND	In brush covered hill side adjacent to back of clubhouse	brown, organic-rich topsoil
	(18-24")	ND		brown, fine to medium SAND, some gravel
SS-6	(0-6")	ND	In flowerbed between upper and lower parking lots (on ramp, south side)	brown, fine to medium SAND, little silt
	(18-24")	ND		brown, fine to medium SAND, some gravel
SS-7	(0-6")	ND	On hillside adjacent to tee east of cart path	light brown, fine to medium SAND, little organics.
	(18-24")	ND		light brown, clay & silt
SS-8	(0-6")	ND	In grass southwest of cart path near boring GZ-04	grey, GRAVEL, little silt, little sand, trace of fiberous organics
	(18-24")	ND		grey, fine to medium SAND, little silt, little gravel.
SS-9	(0-6")	ND	In flat area adjacent to fairway (north side) south of hill in dirt patch	Black fiberous PEAT
	(18-24")	ND		Black fiberous PEAT
SS-10	(0-6")	ND	In flat area between two ponds	brown, fine to medium SAND, and gravel, trace silt.
	(18-24")	ND		brown, fine to medium SAND, and gravel, trace silt.
SS-11	(0-6")	ND	West of cart path adjacent to small hill	dark brown, organic-rich topsoil
	(18-24")	ND		brown, fine to medium SAND, and gravel, trace silt.
SS-12	(0-6")	ND	On south side of tee	brown, fine to medium SAND, and gravel, trace silt.
	(18-24")	ND		brown, fine to medium SAND, and gravel, trace silt.
SS-13	(0-6")	ND	In rough area to west of tee	grey to black, organic SILT and CLAY, little fiberous peat
	(18-24")	ND		grey to black, organic SILT and CLAY, little fiberous peat
SS-14	(0-6")	ND	Flat area adjacent to small tree at intersection of cart paths	black, CLAY and fine grained peat
	(18-24")	ND		black, CLAY and fine grained peat
SS-15	(0-6")	ND	Base of hill slope on south side of fairway	brown, fine to medium SAND, and gravel, trace silt.
	(18-24")	ND		brown, fine to medium SAND, and gravel, trace silt.
SS-16	(0-6")	ND	Flat area adjacent to trees and small hill south of tee	light brown, fine to medium SAND
	(18-24")	ND		light brown, fine to medium SAND
SS-17	(0-6")	ND	Directly between two cart paths where they are come closest to each other	brown, fine to medium SAND, and gravel, trace silt.
	(18-24")	ND		brown, fine to medium SAND, and gravel, trace silt.
SS-18	(0-6")	ND	Northwest side of cart path adjacent to sand trap	brown, fine to medium SAND, and gravel, trace silt.
	(18-24")	ND		light brown, fine to medium SAND
SS-19	(0-6")	ND	Infront of hose attachment east side of garage	grey, GRAVEL, little silt
	(18-24")	ND		brown to grey CLAY
SS-20	(0-6")	ND	In grass off east edge of pavement	brown, fine to medium SAND, and gravel, trace silt.
	(18-24")	ND		brown, fine to medium SAND, and gravel, trace silt.
SS-21	(0-6")	ND	Directly adjacent to north end of gas tank	brown, fine to medium SAND, and gravel, trace silt.
	(18-24")	ND		brown, fine to medium SAND, and gravel, trace silt.
Sed-1	(0-6")	ND	Near drain pipe in south east end of pond	grey clayey silt
Sed-2	(0-6")	ND	Near drain pipe in south east end of pond	grey clayey silt
Sed-3	(0-6")	ND	Near drain pipe in south west end of pond	grey clayey silt
Sed-4	(0-6")	ND	Near drain pipe in south west end of pond	grey clayey silt
Sed-5	(0-6")	ND	Near drain pipe in south east end of pond	grey clayey silt
Sed-6	(0-6")	ND	Near drain pipe in south west end of pond	grey clayey silt

Table 2 - Surface Soil
Analytical Results

Hampshire Country Club
Mamaroneck, New York

Laboratory Sample Designation		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Residential Use Soil Cleanup Objectives	1603331-07		1603331-09		1603332-01		1603332-03		1603332-05	
Sample Designation				SS-01 0-6		SS-02 0-6		SS-03 0-6		SS-04 0-6		SS-05 0-6	
Sample Date				03/14/2016		03/14/2016		03/14/2016		03/14/2016		03/14/2016	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals													
Arsenic	mg/kg	**13**	**16**	10.9	-	5.58	-	7.73	-	6.55	-	9.1	-
Lead	mg/kg	**63**	**400**	27.8	-	32.9	-	**67.2**	-	**126**	-	44.3	-
Pesticides													
4,4´-DDD	mg/kg	**0.0033**	**2.6**	0.003	U	**0.0101**	**LC, P**	**0.0087**	-	**0.0063**	-	**0.0082**	**U**
4,4´-DDE	mg/kg	**0.0033**	**1.8**	**0.026**	-	**1.56**	**D**	**0.0107**	-	**0.0804**	**D**	**0.0264**	-
4,4´-DDT	mg/kg	**0.0033**	**1.7**	**0.0315**	**D**	**0.443**	**D**	**0.0057**	**U**	**0.0331**	**D**	**0.0106**	**LC, P**
Aldrin	mg/kg	**0.005**	**0.019**	0.003	U	0.0032	U	**0.0057**	**U**	0.0033	U	**0.0082**	**U**
alpha-Chlordane	mg/kg	**0.094**	**0.91**	0.003	U	**0.146**	**D**	0.0057	U	0.0066	LC, P	0.0112	-
beta-BHC	mg/kg	**0.036**	**0.072**	0.003	U	0.0032	U	0.0057	U	0.0033	U	0.0082	U
Chlordane (total)	mg/kg	--	--	0.0354	U	0.345	D	0.0687	U	0.0391	U	0.0986	U
Dieldrin	mg/kg	**0.005**	**0.039**	0.003	U	0.0032	U	**0.0057**	**U**	0.0033	U	**0.0082**	**U**
Endosulfan Sulfate	mg/kg	**2.4**	**2.4**	0.0055	-	0.0032	U	0.0057	U	0.0033	U	0.0082	U
gamma-Chlordane	mg/kg	--	--	0.003	U	0.0293	D	0.0057	U	0.0052	-	0.0082	U
Heptachlor Epoxide	mg/kg	--	--	0.003	U	0.118	D	0.0057	U	0.0047	-	0.0082	U
Hexachlorobenzene	mg/kg	--	--	0.003	U	0.0032	U	0.0057	U	0.0033	U	0.0082	U
Herbicides													
Chlorinated Herbicides List	mg/kg			U		U		U		U		U	

TABLE NOTES:

	Value Exceeds Unrestricted Use Soil Cleanup Objectives (SCO)
	Value Exceeds Residential Use SCO.
	Non Detect Value with a reporting limit which exceeds the Unrestricted Use SCO

QUAL Qualifiers

J	Estimated Value. The target analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL).
D	Sample was diluted.
LC	Lower value is used due to matrix interferences
P	Percent difference between primary and confirmation results exceeds 40%
U	Not detected at the reported detection limit for the sample
--	No Guidance Value
mg/kg	milligrams per kilogram

Table 2 - Surface Soil
Analytical Results

Hampshire Country Club
Mamaroneck, New York

Laboratory Sample Designation		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Residential Use Soil Cleanup Objectives	1603332-07		1603332-09		1603332-11		1603332-13		1603375-01	
Sample Designation				SS-06 0-6		SS-07 0-6		SS-08 0-6		SS-09 0-6		SS-10 0-6	
Sample Date				03/14/2016		03/14/2016		03/14/2016		03/14/2016		03/15/2016	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals													
Arsenic	mg/kg	**13**	**16**	**13.1**	-	**55.7**	-	4.41	-	9.52	U	11.4	-
Lead	mg/kg	**63**	**400**	**89.8**	-	**189**	-	52.7	-	19	U	14.1	-
Pesticides													
4,4′-DDD	mg/kg	**0.0033**	**2.6**	**0.0035**	**U**	**0.0959**	**LC, P, D**	**0.0226**	**P**	**0.0119**	-	**0.011**	**P**
4,4′-DDE	mg/kg	**0.0033**	**1.8**	**0.0991**	**D**	**4.1**	**D**	**0.0796**	**D**	**0.0109**	**U**	**0.0489**	**D**
4,4′-DDT	mg/kg	**0.0033**	**1.7**	**0.0911**	**D**	**4.11**	**D**	**0.0131**	**-**	**0.0109**	**U**	**0.0607**	**D**
Aldrin	mg/kg	**0.005**	**0.019**	**0.0096**	**-**	0.003	U	0.0031	U	**0.0109**	**U**	0.0029	U
alpha-Chlordane	mg/kg	**0.094**	**0.91**	**0.102**	**P, D**	0.063	P, D	0.03	-	0.0109	U	0.0029	U
beta-BHC	mg/kg	**0.036**	**0.072**	0.0035	U	0.003	U	0.0031	U	0.0109	U	0.0029	U
Chlordane (total)	mg/kg	--	--	0.354	D	0.463	D	0.103	-	0.131	U	0.0349	U
Dieldrin	mg/kg	**0.005**	**0.039**	**0.162**	**D**	0.003	U	0.0031	U	**0.0109**	**U**	**0.0059**	-
Endosulfan Sulfate	mg/kg	**2.4**	**2.4**	0.0035	U	0.003	U	0.0031	U	0.0109	U	0.0029	U
gamma-Chlordane	mg/kg	--	--	0.0514	D	0.0083	LC, P	0.0190	P	0.0109	U	0.0029	U
Heptachlor Epoxide	mg/kg	--	--	0.0094	-	0.0223	LC, P	0.0040	-	0.0109	U	0.0029	U
Hexachlorobenzene	mg/kg	--	--	0.0035	U	0.0141	-	0.0031	U	0.0109	U	0.0029	U
Herbicides													
Chlorinated Herbicides List	mg/kg			U		U		U		U		U	

TABLE NOTES:

	Value Exceeds Unrestricted Use Soil Cleanup Objectives (SCO)
	Value Exceeds Residential Use SCO.
	Non Detect Value with a reporting limit which exceeds the Unrestricted Use SCO

QUAL Qualifiers

J	Estimated Value. The target analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL).
D	Sample was diluted.
LC	Lower value is used due to matrix interferences
P	Percent difference between primary and confirmation results exceeds 40%
U	Not detected at the reported detection limit for the sample
--	No Guidance Value
mg/kg	milligrams per kilogram

Table 2 - Surface Soil
Analytical Results

Hampshire Country Club
Mamaroneck, New York

Laboratory Sample Designation		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Residential Use Soil Cleanup Objectives	1603375-03		1603375-05		1603375-07		1603375-09		1603375-11	
Sample Designation				SS-11 0-6		SS-12 0-6		SS-13 0-6		SS-14 0-6		SS-15 0-6	
Sample Date				03/15/2016		03/15/2016		03/15/2016		03/15/2016		03/15/2016	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals													
Arsenic	mg/kg	**13**	**16**	11.8	-	**16.9**	-	**32.5**	-	10.3	-	**17.8**	-
Lead	mg/kg	**63**	**400**	31.8	-	**76.6**	-	**304**	-	20.4	-	56.5	-
Pesticides													
4,4´-DDD	mg/kg	**0.0033**	**2.6**	**0.0526**	**LC, P, D**	**0.016**	**LC, P**	**0.117**	**D**	**0.0079**	**LC, P**	**0.266**	**D**
4,4´-DDE	mg/kg	**0.0033**	**1.8**	**1.6**	**D**	**1.1**	**D**	**1.58**	**D**	**0.0622**	**D**	**2**	**D**
4,4´-DDT	mg/kg	**0.0033**	**1.7**	**0.83**	**D**	**0.682**	**D**	**0.0788**	**P, D**	**0.0146**	**-**	**0.84**	**D**
Aldrin	mg/kg	**0.005**	**0.019**	0.0034	U	0.0032	U	0.0048	U	0.0031	U	0.0036	U
alpha-Chlordane	mg/kg	**0.094**	**0.91**	**0.0951**	**LC, P, D**	0.0541	P, D	**0.106**	**P, D**	0.069	P, D	**0.153**	**LC, P, D**
beta-BHC	mg/kg	**0.036**	**0.072**	0.0034	U	0.0032	U	0.0048	U	0.0031	U	0.0036	U
Chlordane (total)	mg/kg	--	--	0.720	D	0.206	-	0.309	-	0.171	-	0.864	D
Dieldrin	mg/kg	**0.005**	**0.039**	**0.0078**	**LC, P**	0.0032	U	0.0048	-	0.0036	LC, P	**0.0226**	**LC, P**
Endosulfan Sulfate	mg/kg	**2.4**	**2.4**	0.0034	U	0.0032	U	0.0048	U	0.0031	U	0.0036	U
gamma-Chlordane	mg/kg	--	--	0.107	D	0.0310	-	0.0422	D	0.0282	-	0.0938	D
Heptachlor Epoxide	mg/kg	--	--	0.282	D	0.0741	D	0.0337	-	0.0147	-	0.105	D
Hexachlorobenzene	mg/kg	--	--	0.0034	U	---	---	0.0048	U	0.0031	U	0.0036	U
Herbicides													
Chlorinated Herbicides List	mg/kg			U		U		U		U		U	

TABLE NOTES:

	Value Exceeds Unrestricted Use Soil Cleanup Objectives (SCO)
	Value Exceeds Residential Use SCO.
	Non Detect Value with a reporting limit which exceeds the Unrestricted Use SCO

QUAL Qualifiers

J	Estimated Value. The target analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL).
D	Sample was diluted.
LC	Lower value is used due to matrix interferences
P	Percent difference between primary and confirmation results exceeds 40%
U	Not detected at the reported detection limit for the sample
--	No Guidance Value
mg/kg	milligrams per kilogram

Table 2 - Surface Soil
Analytical Results

Hampshire Country Club
Mamaroneck, New York

Laboratory Sample Designation		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Residential Use Soil Cleanup Objectives	1603375-13		1603396-01		1603396-03		1603396-05		1603396-07		1603396-09	
Sample Designation				SS-16 0-6		SS-17 0-6		SS-18 0-6		SS-19 0-6		SS-20 0-6		SS-21 0-6	
Sample Date				03/15/2016		03/16/2016		03/16/2016		03/16/2016		03/16/2016		03/16/2016	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals															
Arsenic	mg/kg	**13**	**16**	**15.1**	-	**19.3**	-	10.2	-	**27**	-	2.31	U	9.31	-
Lead	mg/kg	**63**	**400**	19.9	-	**65.3**	-	36.6	-	55.6	-	24.4	-	52	-
Pesticides															
4,4´-DDD	mg/kg	**0.0033**	**2.6**	**0.0292**	**-**	**0.0129**	**LC, P**	**0.088**	**D**	**0.069**	**D**	**0.0138**	**U, D**	**0.0072**	**-**
4,4´-DDE	mg/kg	**0.0033**	**1.8**	**0.376**	**D**	**1.55**	**D**	**0.392**	**D**	**0.0572**	**D**	**0.0138**	**U, D**	**0.0469**	**D**
4,4´-DDT	mg/kg	**0.0033**	**1.7**	**0.0539**	**D**	**0.432**	**D**	**0.111**	**D**	**0.017**	**-**	**0.0138**	**U, D**	**0.0388**	**D**
Aldrin	mg/kg	**0.005**	**0.019**	0.0036	U	0.0035	U	0.0032	U	0.0032	U	**0.0138**	**U, D**	0.003	U
alpha-Chlordane	mg/kg	**0.094**	**0.91**	0.0111	LC, P	0.0064	LC, P	0.0826	P, D	0.0666	LC, P, D	0.0138	U, D	0.0058	LC, P
beta-BHC	mg/kg	**0.036**	**0.072**	0.0036	U	0.0035	U	0.0032	U	0.0053	LC, P	0.0138	U, D	0.003	U
Chlordane (total)	mg/kg	--	--	0.0614	-	0.0418	U	0.275	-	0.735	D	0.165	U, D	0.0362	U
Dieldrin	mg/kg	**0.005**	**0.039**	0.0037	LC, P	0.0035	U	0.0032	LC, P	0.0032	U	**0.0138**	**U, D**	0.003	U
Endosulfan Sulfate	mg/kg	**2.4**	**2.4**	0.0036	U	0.0035	U	0.0032	U	0.0032	U	0.0138	U, D	0.003	U
gamma-Chlordane	mg/kg	--	--	0.0073	-	0.0035	U	0.0264	D	0.191	D	0.0138	U, D	0.0039	-
Heptachlor Epoxide	mg/kg	--	--	0.0043	LC, P	0.0057	LC, P	0.0212	-	0.0302	-	0.0138	U, D	0.003	U
Hexachlorobenzene	mg/kg	--	--	0.0064	LC, P	0.0035	U	0.0063	-	0.0062	-	0.0138	U, D	0.003	U
Herbicides															
Chlorinated Herbicides List	mg/kg			U		U		U		U		U		U	

TABLE NOTES:

	Value Exceeds Unrestricted Use Soil Cleanup Objectives (SCO)
	Value Exceeds Residential Use SCO.
	Non Detect Value with a reporting limit which exceeds the Unrestricted Use SCO

QUAL Qualifiers

J	Estimated Value. The target analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL).
D	Sample was diluted.
LC	Lower value is used due to matrix interferences
P	Percent difference between primary and confirmation results exceeds 40%
U	Not detected at the reported detection limit for the sample
--	No Guidance Value
mg/kg	milligrams per kilogram

Table 3 - Subsurface Soil
Analytical Results

Hampshire Country Club
Mamaroneck, New York

Laboratory Sample Designation		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Residential Use Soil Cleanup Objectives	1603331-08		1603331-10		1603332-02		1603332-04		1603332-06	
Sample Designation				SS-01 18-24		SS-02 18-24		SS-03 18-24		SS-04 18-24		SS-05 18-24	
Sample Date				03/14/2016		03/14/2016		03/14/2016		03/14/2016		03/14/2016	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals													
Arsenic	mg/kg	**13**	**16**	3.78	-	2.83	U	6.28	U	4.45	-	11.7	-
Lead	mg/kg	**63**	**400**	28.5	-	11.9	-	38.7	-	9.44	-	**123**	**-**
Pesticides													
4,4´-DDD	mg/kg	**0.0033**	**2.6**	0.0027	U	**0.0071**	**LC, P**	**0.0093**	**U**	0.0027	U	**0.0134**	**-**
4,4´-DDE	mg/kg	**0.0033**	**1.8**	**0.0269**	**-**	**0.364**	**D**	**0.0093**	**U**	**0.0217**	**-**	**0.282**	**D**
4,4´-DDT	mg/kg	**0.0033**	**1.7**	**0.0187**	**-**	**0.14**	**D**	**0.0093**	**U**	**0.0225**	**-**	**0.382**	**D**
Aldrin	mg/kg	**0.005**	**0.019**	0.0027	U	0.0029	U	0.0093	U	0.0027	U	0.0039	U
alpha-BHC	mg/kg	**0.02**	**0.097**	0.0027	U	0.0029	U	0.0093	U	0.0027	U	0.0137	-
alpha-Chlordane	mg/kg	**0.094**	**0.91**	0.0027	U	0.0152	LC, P	0.0093	U	0.0027	U	0.0099	LC, P
beta-BHC	mg/kg	**0.036**	**0.072**	0.0027	U	0.0029	U	0.0093	U	0.0027	U	0.0359	-
Chlordane (Total)	mg/kg	**--**	**--**	0.0329	U	0.0949	-	0.111	U	0.0322	U	0.0474	U
delta-BHC	mg/kg	**0.04**	**100**	0.0027	U	0.0029	U	0.0093	U	0.0027	U	**0.0551**	**D**
Dieldrin	mg/kg	**0.005**	**0.039**	0.0027	U	0.0029	U	**0.0093**	**U**	0.0027	U	**0.0175**	**P**
Endrin	mg/kg	**2.2**	**0.014**	0.0016	U	0.0018	U	0.0056	U	0.0016	U	0.0672	D
gamma-Chlordane	mg/kg	**--**	**--**	0.0027	U	0.0079	-	0.0093	U	0.0027	U	0.0039	U
Heptachlor Epoxide	mg/kg	**--**	**--**	0.0027	U	0.0284	-	0.0093	U	0.0027	U	0.0045	-
Hexachlorobenzene	mg/kg	**--**	**--**	0.0027	U	0.0029	U	0.0093	U	0.0027	U	0.0039	U
Herbicides													
Chlorinated Herbicides List	mg/kg			U		U		U		U		U	

TABLE NOTES:

	Value Exceeds Unrestricted Use Soil Cleanup Objectives (SCO)
	Value Exceeds Residential Use SCO.
	Non Detect Value with a reporting limit which exceeds the Unrestricted Use SCO

QUAL	Qualifiers
J	Estimated Value. The target analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL).
D	Sample was diluted.
LC	Lower value is used due to matrix interferences
P	Percent difference between primary and confirmation results exceeds 40%
U	Not detected at the reported detection limit for the sample
--	No Guidance Value
mg/kg	milligrams per kilogram

Table 3 - Subsurface Soil
Analytical Results

Hampshire Country Club
Mamaroneck, New York

Laboratory Sample Designation		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Residential Use Soil Cleanup Objectives	1603332-08		1603332-10		1603332-12		1603332-14		1603375-02	
Sample Designation				SS-06 18-24		SS-07 18-24		SS-08 18-24		SS-09 18-24		SS-10 18-24	
Sample Date				03/14/2016		03/14/2016		03/14/2016		03/14/2016		03/15/2016	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals													
Arsenic	mg/kg	**13**	**16**	**15**	**-**	**8.28**	-	2.8	U	8.22	U	12.4	-
Lead	mg/kg	**63**	**400**	**80.4**	**-**	**23.1**	-	8.93	-	16.4	U	13.9	-
Pesticides													
4,4´-DDD	mg/kg	**0.0033**	**2.6**	**0.0075**	**LC, P**	0.003	U	0.0028	U	**0.0174**	**U**	**0.0274**	**-**
4,4´-DDE	mg/kg	**0.0033**	**1.8**	**0.231**	**D**	**0.111**	**D**	0.0028	U	0.0174	U	**0.0494**	**D**
4,4´-DDT	mg/kg	**0.0033**	**1.7**	**0.21**	**D**	**0.0664**	**D**	0.0028	U	0.0174	U	**0.0744**	**D**
Aldrin	mg/kg	**0.005**	**0.019**	**0.0301**	**D**	0.003	U	0.0028	U	0.0174	U	0.0029	U
alpha-BHC	mg/kg	**0.02**	**0.097**	0.0031	U	0.003	U	0.0028	U	0.0174	U	0.0029	U
alpha-Chlordane	mg/kg	**0.094**	**0.91**	**0.143**	**D**	0.003	U	0.0028	U	0.0174	U	0.0115	-
beta-BHC	mg/kg	**0.036**	**0.072**	0.0031	U	0.003	U	0.0028	U	0.0174	U	0.0029	U
Chlordane (Total)	mg/kg	--	--	0.661	D	0.0363	U	0.0338	U	0.209	U	0.0353	U
delta-BHC	mg/kg	**0.04**	**100**	0.0199	P	0.003	U	0.0028	U	0.0174	U	0.0029	U
Dieldrin	mg/kg	**0.005**	**0.039**	**0.433**	**D**	0.003	U	0.0028	U	0.0174	U	0.0047	LC, P
Endrin	mg/kg	**2.2**	**0.014**	0.0019	U	0.0018	U	0.0017	U	0.0105	U	0.0018	U
gamma-Chlordane	mg/kg	--	--	0.0955	D	0.003	U	0.0028	U	0.0174	U	0.0069	-
Heptachlor Epoxide	mg/kg	--	--	0.0110	-	0.003	U	0.0028	U	0.0174	U	0.0063	-
Hexachlorobenzene	mg/kg	--	--	0.0031	U	0.003	U	0.0028	U	0.0174	U	0.0029	U
Herbicides													
Chlorinated Herbicides List	mg/kg			U		U		U		U		U	

TABLE NOTES:

	Value Exceeds Unrestricted Use Soil Cleanup Objectives (SCO)
	Value Exceeds Residential Use SCO.
	Non Detect Value with a reporting limit which exceeds the Unrestricted Use SCO

QUAL Qualifiers

J	Estimated Value. The target analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL).
D	Sample was diluted.
LC	Lower value is used due to matrix interferences
P	Percent difference between primary and confirmation results exceeds 40%
U	Not detected at the reported detection limit for the sample
--	No Guidance Value
mg/kg	milligrams per kilogram

Table 3 - Subsurface Soil
Analytical Results

Hampshire Country Club
Mamaroneck, New York

Laboratory Sample Designation		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Residential Use Soil Cleanup Objectives	1603375-04		1603375-06		1603375-08		1603375-10		1603375-12	
Sample Designation				SS-11 18-24		SS-12 18-24		SS-13 18-24		SS-14 18-24		SS-15 18-24	
Sample Date				03/15/2016		03/15/2016		03/15/2016		03/15/2016		03/15/2016	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals													
Arsenic	mg/kg	**13**	**16**	11.7	-	**14.4**	-	9.73	-	**16.4**	-	12.2	-
Lead	mg/kg	**63**	**400**	8.48	-	**85.2**	-	11.6	-	11.2	-	10.2	-
Pesticides													
4,4´-DDD	mg/kg	**0.0033**	**2.6**	0.0029	U	**0.0095**	-	0.0033	U	**0.0035**	**U**	0.003	U
4,4´-DDE	mg/kg	**0.0033**	**1.8**	**0.0673**	**D**	**0.309**	**D**	**0.0081**	-	**0.0035**	-	**0.0338**	**D**
4,4´-DDT	mg/kg	**0.0033**	**1.7**	**0.0467**	**D**	**0.244**	**D**	0.0033	U	0.0035	U	**0.0182**	-
Aldrin	mg/kg	**0.005**	**0.019**	0.0029	U	0.003	U	0.0033	U	0.0035	U	0.003	U
alpha-BHC	mg/kg	**0.02**	**0.097**	0.0029	U	0.003	U	0.0033	U	0.0035	U	0.003	U
alpha-Chlordane	mg/kg	**0.094**	**0.91**	0.0029	U	0.0122	-	0.0033	U	0.0035	U	0.003	U
beta-BHC	mg/kg	**0.036**	**0.072**	0.0029	U	0.003	U	0.0033	U	0.0035	U	0.003	U
Chlordane (Total)	mg/kg	--	--	0.0354	U	0.0844	P	0.04	U	0.0416	U	0.0366	U
delta-BHC	mg/kg	**0.04**	**100**	0.0029	U	0.003	U	0.0033	U	0.0035	U	0.003	U
Dieldrin	mg/kg	**0.005**	**0.039**	0.0029	U	0.003	U	0.0033	U	0.0035	U	0.003	U
Endrin	mg/kg	**2.2**	**0.014**	0.0018	U	0.0018	U	0.002	U	0.0021	U	0.0018	U
gamma-Chlordane	mg/kg	--	--	0.0029	U	0.0060	LC, P	0.0033	U	0.0035	U	0.003	U
Heptachlor Epoxide	mg/kg	--	--	0.0037	-	0.0215	-	0.0033	U	0.0035	U	0.003	U
Hexachlorobenzene	mg/kg	--	--	0.0029	U	0.0092	-	0.0033	U	0.0035	U	0.003	U
Herbicides													
Chlorinated Herbicides List	mg/kg			U		U		U		U		U	

TABLE NOTES:

	Value Exceeds Unrestricted Use Soil Cleanup Objectives (SCO)
	Value Exceeds Residential Use SCO.
	Non Detect Value with a reporting limit which exceeds the Unrestricted Use SCO

QUAL Qualifiers

J	Estimated Value. The target analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL).
D	Sample was diluted.
LC	Lower value is used due to matrix interferences
P	Percent difference between primary and confirmation results exceeds 40%
U	Not detected at the reported detection limit for the sample
--	No Guidance Value
mg/kg	milligrams per kilogram

Table 3 - Subsurface Soil
Analytical Results

Hampshire Country Club
Mamaroneck, New York

Laboratory Sample Designation		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Residential Use Soil Cleanup Objectives	1603375-14		1603396-02		1603396-04		1603396-06		1603396-08		1603396-10	
Sample Designation				SS-16 18-24		SS-17 18-24		SS-18 18-24		SS-19 18-24		SS-20 18-24		SS-21 18-24	
Sample Date				03/15/2016		03/16/2016		03/16/2016		03/16/2016		03/16/2016		03/16/2016	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals															
Arsenic	mg/kg	**13**	**16**	13	-	**16.5**	-	3.91	-	5.99	-	8.3	U, D	9.52	-
Lead	mg/kg	**63**	**400**	11.2	-	40.5	-	5.59	U	4.59	U	39.1	-	48.5	-
Pesticides															
4,4´-DDD	mg/kg	**0.0033**	**2.6**	0.0033	U	**0.0034**	**U**	0.003	U	0.003	U	**0.0144**	**U, D**	**0.0048**	**LC, P**
4,4´-DDE	mg/kg	**0.0033**	**1.8**	0.0033	U	**0.112**	**D**	**0.0157**	**-**	0.003	U	**0.0144**	**U, D**	**0.0533**	**D**
4,4´-DDT	mg/kg	**0.0033**	**1.7**	0.0033	U	**0.0337**	**D**	**0.013**	**-**	0.003	U	**0.0144**	**U, D**	**0.0308**	**D**
Aldrin	mg/kg	**0.005**	**0.019**	0.0033	U	0.0034	U	0.003	U	0.003	U	**0.0144**	**U, D**	0.0029	U
alpha-BHC	mg/kg	**0.02**	**0.097**	0.0033	U	0.0034	U	0.003	U	0.003	U	0.0144	U, D	0.0029	U
alpha-Chlordane	mg/kg	**0.094**	**0.91**	0.0033	U	0.0034	U	0.003	U	0.003	U	0.0144	U, D	0.0113	LC, P
beta-BHC	mg/kg	**0.036**	**0.072**	0.0033	U	0.0034	U	0.003	U	0.003	U	0.0144	U, D	0.0029	U
Chlordane (Total)	mg/kg	--	--	0.0398	U	0.041	U	0.0357	U	0.0362	U	0.173	U, D	0.0484	-
delta-BHC	mg/kg	**0.04**	**100**	0.0033	U	0.0034	U	0.003	U	0.003	U	0.0144	U, D	0.0029	U
Dieldrin	mg/kg	**0.005**	**0.039**	0.0033	U	0.0034	U	0.003	U	0.003	U	**0.0144**	**U, D**	0.0029	U
Endrin	mg/kg	**2.2**	**0.014**	0.002	U	0.002	U	0.0018	U	0.0018	U	0.0086	U, D	0.0017	U
gamma-Chlordane	mg/kg	--	--	0.0033	U	0.0034	U	0.003	U	0.003	U	0.0144	U, D	0.0058	-
Heptachlor Epoxide	mg/kg	--	--	0.0033	U	0.0034	U	0.003	U	0.003	U	0.0144	U, D	0.0029	U
Hexachlorobenzene	mg/kg	--	--	0.0033	U	0.0034	U	0.003	U	0.003	U	0.0144	U, D	0.0029	U
Herbicides															
Chlorinated Herbicides List	mg/kg			U		U		U		U		U		U	

TABLE NOTES:

	Value Exceeds Unrestricted Use Soil Cleanup Objectives (SCO)
	Value Exceeds Residential Use SCO.
	Non Detect Value with a reporting limit which exceeds the Unrestricted Use SCO

QUAL Qualifiers

J	Estimated Value. The target analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL).
D	Sample was diluted.
LC	Lower value is used due to matrix interferences
P	Percent difference between primary and confirmation results exceeds 40%
U	Not detected at the reported detection limit for the sample
--	No Guidance Value
mg/kg	milligrams per kilogram

Table 4 - Sediment Samples
Analytical Results

Hampshire Country Club
Mamaroneck, New York

Laboratory Sample Designation		Part 375 Unrestricted Use Soil Cleanup Objectives	Part 375 Residential Use Soil Cleanup Objectives	1603331-01		1603331-02		1603331-03		1603331-04		1603331-05		1603331-06	
Sample Designation				SED-01		SED-02		SED-03		SED-04		SED-05		SED-06	
Sample Date				03/14/2016		03/14/2016		03/14/2016		03/14/2016		03/14/2016		03/14/2016	
				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals															
Arsenic	mg/kg	**13**	**16**	1.51	-	4.48	-	5.11	-	2.04	-	2.14	-	11.4	-
Lead	mg/kg	**63**	**400**	16	-	36.5	-	10.1	-	6.14	-	6	-	**102**	-
Pesticides															
4,4´-DDD	mg/kg	**0.0033**	**2.6**	**0.0295**	**D**	**0.0237**	**-**	**0.037**	**-**	0.0033	U	**0.0034**	**U**	**0.29**	**D**
4,4´-DDE	mg/kg	**0.0033**	**1.8**	**0.0668**	**D**	**0.0664**	**D**	**0.0446**	**D**	0.0033	U	**0.0034**	**U**	**0.309**	**D**
4,4´-DDT	mg/kg	**0.0033**	**1.7**	**0.0136**	**-**	**0.0047**	**U**	**0.004**	**U**	0.0033	U	**0.0034**	**U**	**0.0122**	**LC, P**
Aldrin	mg/kg	**0.005**	**0.019**	0.0032	U	0.0047	U	0.004	U	0.0033	U	0.0034	U	**0.0052**	**U**
alpha-Chlordane	mg/kg	**0.094**	**0.91**	0.0069	P	0.0086	P	0.0453	D	0.0033	U	0.0034	U	0.0898	P, D
Dieldrin	mg/kg	**0.005**	**0.039**	0.0032	U	0.0047	U	0.004	U	0.0033	U	0.0034	U	**0.0052**	**U**
gamma-Chlordane	mg/kg	**--**	**--**	0.0043	-	0.0198	-	0.0238	-	0.0033	U	0.0034	U	0.301	D
Herbicides															
Dicamba	mg/kg	--	--	0.012	U	0.091	LC, P, D	0.014	U	0.012	U	0.013	U	0.019	U
Dichlorprop	mg/kg	--	--	0.24	U	1.30	-	0.29	U	0.231	U	0.252	U	0.382	U

TABLE NOTES:

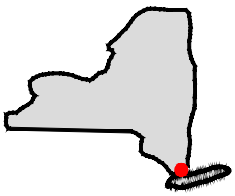
	Value Exceeds Unrestricted Use Soil Cleanup Objectives (SCO)
	Value Exceeds Residential Use SCO.
	Non Detect Value with a reporting limit which exceeds the Unrestricted Use SCO

QUAL	Qualifiers
J	Estimated Value. The target analyte concentration is below the quantitative limit (RL), but above the method detection
D	Sample was diluted.
LC	Lower value is used due to matrix interferences
P	Percent difference between primary and confirmation results exceeds 40%
U	Not detected at the reported detection limit for the sample
--	No Guidance Value
mg/kg	milligrams per kilogram

GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION MANAGEMENT

FIGURES

NEW YORK



QUADRANGLE LOCATION

SOURCE:

USGS TOPOGRAPHIC MAP: MAMARONECK, NY–CT (2013). CONTOUR INTERVAL 10FT., NAVD–1988, ORIGINAL SCALE 1:24,000 (1"=2,000FT.)

N W E S

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HAMPSHIRE COUNTRY CLUB
1025 COVE ROAD
MAMARONECK, NY

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

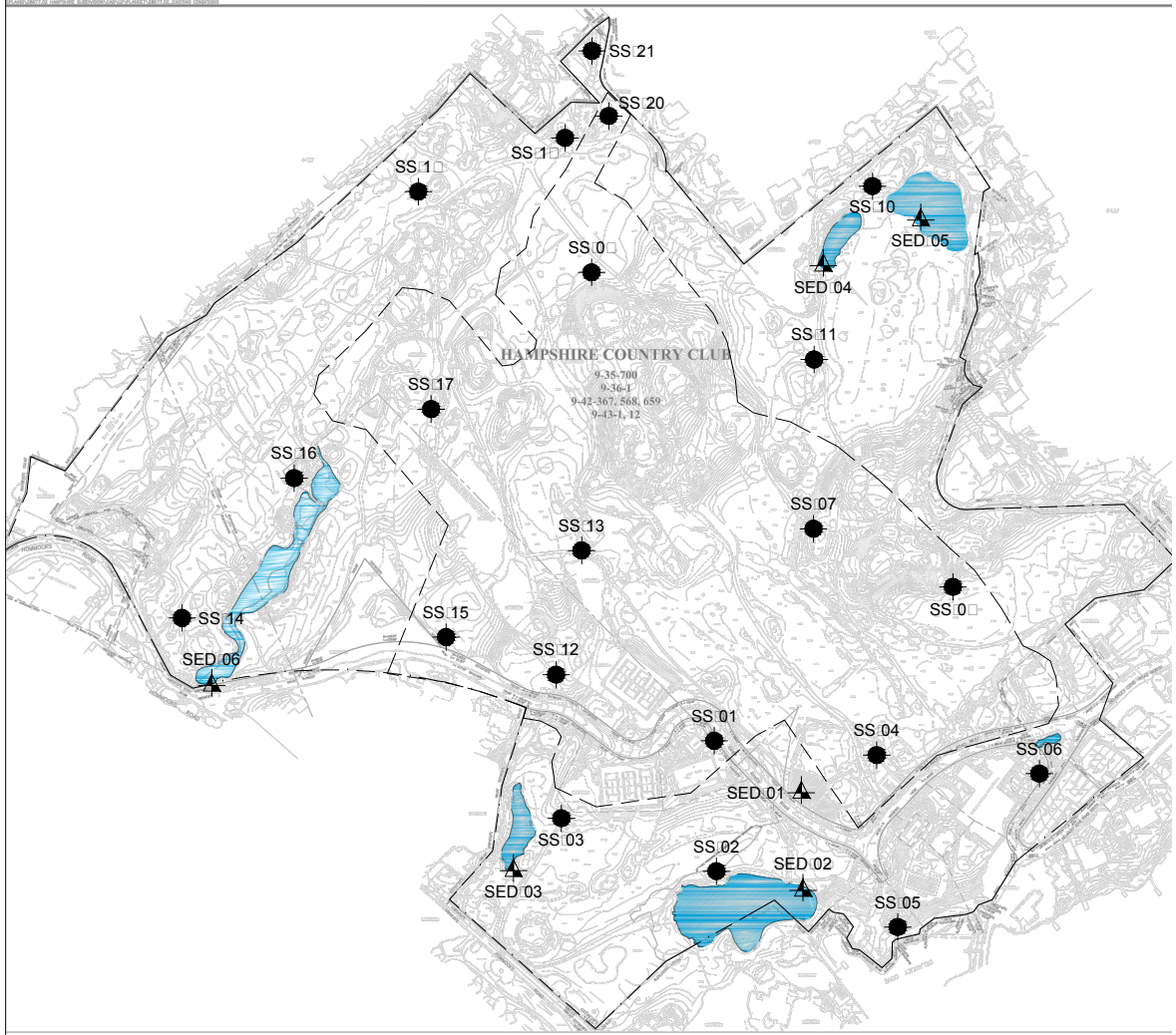
PREPARED FOR:
VHB
50 MAIN STREET, SUITE 360
WHITE PLAINS, NY 10606

SITE LOCATION PLAN

PROJ MGR: MK	REVIEWED BY: CAW	CHECKED BY: DSR	FIGURE 1
DESIGNED BY: KN	DRAWN BY: KN	SCALE: 1"=2000'	
DATE: APRIL 2016	PROJECT NO. 41.0162403.00	REVISION NO. 0	SHEET NO. 01 OF 02

© 2015 – GZA GeoEnvironmental, Inc. GZA–J:\Active 162400 to 162499\162403.10 – VHB Hampshire CC Geotechnical\Drawings\CAD\Figures.dwg [FIGURE 1] March 17, 2016 – 4:46pm kayla.newton

© 2015 – GZA GeoEnvironmental, Inc. GZA–\\GZAHAM1\Jobs\162400's\41.0162403.10\Figures\CAD\Figures 1–2.dwg [FIGURE 2] April 21, 2016 – 4:07pm rahul.bhatia



NOTES:

1. BASE MAP DEVELOPED FROM PLAN PROVIDED BY VHB ENTITLED "E□ISTING CONDITIONS PLAN" DATED SEPTEMBER □, 2014, ORIGINAL SCALE 1"=100'
2. SOIL BORING LOCATIONS WERE APPRO□IMATELY DETERMINED BY TAPE MEASUREMENTS FROM E□ISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. SOIL BORINGS AND SEDIMENT SAMPLES WERE PERFORMED BY G□A ON MARCH 14, 15, AND 16, 2016.

LEGEND:

SS□01 — SOIL BORING LOCATION

SED□01 — SEDIMENT SAMPLE LOCATION

PROPERTY BOUNDARY

RESIDENTIAL DEVELOPMENT AREA

POND

N

0 300 600 1,200

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

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HAMPSHIRE COUNTRY CLUB
1025 COVE ROAD
MAMARONECK, NY

E□PLO□ATION LOCATION PLAN

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
VHB
50 MAIN STREET, SUITE 360
WHITE PLAINS, NY 10606

PROJ MGR: SK	REVIEWED BY: JG	CHECKED BY: SK	FIGURE 2
DESIGNED BY: JC	DRAWN BY: RB	SCALE: 1"=5000'	
DATE: APRIL 2016	PROJECT NO. 41.0162403.10	REVISION NO. 0	SHEET NO.

APPENDIX A

LIMITATIONS

USE OF REPORT

1. GZA GeoEnvironmental, Inc. (GZA) prepared this report on behalf of, and for the exclusive use of our Client for the stated purpose(s) and location(s) identified in the Proposal for Services and/or Report. Use of this report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not expressly identified in the agreement, for any use, without our prior written permission, shall be at that party's sole risk, and without any liability to GZA.

STANDARD OF CARE

2. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).

3. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state or federal agency.

4. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

SUBSURFACE CONDITIONS

5. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs. The nature and extent of variations between these explorations may not become evident until further exploration or construction. If variations or other latent conditions then become evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

COMPLIANCE WITH CODES AND REGULATIONS

6. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

SCREENING AND ANALYTICAL TESTING

7. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future Site activities and uses may result in a requirement for additional testing.

8. Our interpretation of field screening and laboratory data is presented in the Report. Unless otherwise noted, we relied upon the laboratory's QA/QC program to validate these data.

9. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.

INTERPRETATION OF DATA

10. Our opinions are based on available information as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support the opinions provided in the Report.

ADDITIONAL INFORMATION

11. In the event that the Client or others authorized to use this report obtain additional information on environmental or hazardous waste issues at the Site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

ADDITIONAL SERVICES

12. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction, and/or property development/ redevelopment at the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

APPENDIX B

SITE PHOTOGRAPHS

SITE PHOTOGRAPHS

Client Name:	**Site Name and Location:**	**Project No.**
VHB	Hampshire Country Club, 1025 Cove Road, Mamaroneck, NY	41.0162403.00

Photo No.	**Date:**
1	3/14/16

Description:

GZA collected samples within pond on north margin of site.

Photo No.	**Date:**
2	3/15/16

Description:

Typical soil sampling procedure.

Photo No.	Date:
3	3/16/16

Description:

Fibrous organic soils encountered at SS-09.

Photo No.	Date:
4	3/14/16

Description:

Sampling location near maintenance storage area.

Photo No.	Date:
5	3/15/16

Description:

Typical sampling location

Photo No.	Date:
6	3/16/16

Description:

Typical sampling location borehole after full depth was reached.

APPENDIX C

LABORATORY REPORTS

CERTIFICATE OF ANALYSIS

Stephen Kline
GZA GeoEnvironmental, Inc.
104 West 29th Street, 10th Floor
New York, NY 10001

RE: Hampshire CC (41.0162403.00)
ESS Laboratory Work Order Number: 1603331

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Laurel Stoddard
Laboratory Director

REVIEWED
By ESS Laboratory at 2:34 pm, Mar 25, 2016

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

The test results present in this report are in compliance with NELAC Standards, A2LA and/or client Quality Assurance Project Plans (QAPP). The laboratory has reviewed the following: Sample Preservations, Hold Times, Initial Calibrations, Continuing Calibrations, Method Blanks, Blank Spikes, Blank Spike Duplicates, Duplicates, Matrix Spikes, Matrix Spike Duplicates, Surrogates and Internal Standards. Any results which were found to be outside of the recommended ranges stated in our SOPs will be noted in the Project Narrative.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

SAMPLE RECEIPT

The following samples were received on March 14, 2016 for the analyses specified on the enclosed Chain of Custody Record.

Lab Number	Sample Name	Matrix	Analysis
1603331-01	SED-01	Sediment	6010C, 8081B, 8151A
1603331-02	SED-02	Sediment	6010C, 8081B, 8151A
1603331-03	SED-03	Sediment	6010C, 8081B, 8151A
1603331-04	SED-04	Sediment	6010C, 8081B, 8151A
1603331-05	SED-05	Sediment	6010C, 8081B, 8151A
1603331-06	SED-06	Sediment	6010C, 8081B, 8151A
1603331-07	SS-01 0-6	Sediment	6010C, 8081B, 8151A
1603331-08	SS-01 18-24	Sediment	6010C, 8081B, 8151A
1603331-09	SS-02 0-6	Sediment	6010C, 8081B, 8151A
1603331-10	SS-02 18-24	Sediment	6010C, 8081B, 8151A

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

PROJECT NARRATIVE

8081B Organochlorine Pesticides

1603331-01	**Percent difference between primary and confirmation results exceeds 40% (P).**
	alpha-Chlordane
1603331-02	**Percent difference between primary and confirmation results exceeds 40% (P).**
	alpha-Chlordane
1603331-06	**Lower value is used due to matrix interferences (LC).**
	4,4´-DDT
1603331-06	**Percent difference between primary and confirmation results exceeds 40% (P).**
	4,4´-DDT , alpha-Chlordane
1603331-09	**Lower value is used due to matrix interferences (LC).**
	4,4´-DDD
1603331-09	**Percent difference between primary and confirmation results exceeds 40% (P).**
	4,4´-DDD
1603331-10	**Lower value is used due to matrix interferences (LC).**
	4,4´-DDD , alpha-Chlordane [2C]
1603331-10	**Percent difference between primary and confirmation results exceeds 40% (P).**
	4,4´-DDD , alpha-Chlordane [2C]
CZC0278-CCV1	**Continuing Calibration %Diff/Drift is above control limit (CD+).**
	Methoxychlor [2C] (22% @ 20%)
CZC0278-CCV2	**Continuing Calibration %Diff/Drift is above control limit (CD+).**
	Methoxychlor [2C] (25% @ 20%)
CZC0278-CCV4	**Continuing Calibration %Diff/Drift is above control limit (CD+).**
	Methoxychlor [2C] (39% @ 20%)
CZC0278-CCV6	**Continuing Calibration %Diff/Drift is above control limit (CD+).**
	Methoxychlor [2C] (27% @ 20%)
CZC0317-CCV9	**Continuing Calibration %Diff/Drift is below control limit (CD-).**
	4,4´-DDD (31% @ 20%), 4,4´-DDE (23% @ 20%), 4,4´-DDT (30% @ 20%), alpha-Chlordane (27% @ 20%), Decachlorobiphenyl (35% @ 20%), Dieldrin (30% @ 20%), Endosulfan I (30% @ 20%), Endosulfan II (33% @ 20%), Endosulfan Sulfate (33% @ 20%), Endrin (30% @ 20%), Endrin Aldehyde (32% @ 20%), Endrin Ketone (35% @ 20%), gamma-Chlordane (27% @ 20%), Heptachlor Epoxide (24% @ 20%), Methoxychlor (29% @ 20%)
CZC0317-CCVA	**Continuing Calibration %Diff/Drift is below control limit (CD-).**
	Decachlorobiphenyl (28% @ 20%)

8151A Chlorinated Herbicides

1603331-02	**Lower value is used due to matrix interferences (LC).**
	Dicamba [2C]
1603331-02	**Modified result**
	MCPA
1603331-02	**Peaks found in the retention time window for MCPA did not confirm by GC/MS.**
1603331-02	**Percent difference between primary and confirmation results exceeds 40% (P).**
	Dicamba [2C]

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC ESS Laboratory Work Order: 1603331

1603331-03	**Modified result**
	MCPA , MCPP
1603331-03	**Peaks found in the retention time window for MCPA MCPP did not confirm by GC/MS.**
1603331-04	**Modified result**
	MCPP
1603331-04	**Peaks found in the retention time window for MCPP did not confirm by GC/MS.**
1603331-06	**Modified result**
	MCPA , MCPP
1603331-06	**Peaks found in the retention time window for MCPA MCPP did not confirm by GC/MS.**
CC61542-BS1	**Blank Spike recovery is below lower control limit (B-).**
	Dalapon (33% @ 40-140%), Dalapon [2C] (33% @ 40-140%)
CC61542-BSD1	**Blank Spike recovery is below lower control limit (B-).**
	Dalapon (29% @ 40-140%), Dalapon [2C] (30% @ 40-140%), Dinoseb [2C] (% @ 10-100%)
CC61542-BSD1	**Relative percent difference for duplicate is outside of criteria (D+).**
	Dinoseb [2C] (200% @ 30%)
CC61724-BS1	**Blank Spike recovery is below lower control limit (B-).**
	2,4-DB [2C] (38% @ 40-140%)
CC61724-BSD1	**Relative percent difference for duplicate is outside of criteria (D+).**
	2,4,5-T (33% @ 30%), 2,4,5-TP (Silvex) (32% @ 30%), 2,4,5-TP (Silvex) [2C] (52% @ 30%), 2,4-D (31% @ 30%), 2,4-D [2C] (31% @ 30%), 2,4-DB (54% @ 30%), 2,4-DB [2C] (58% @ 30%), Dicamba [2C] (33% @ 30%), Dichlorprop [2C] (31% @ 30%), Dinoseb (43% @ 30%), Dinoseb [2C] (36% @ 30%), MCPA (32% @ 30%), MCPA [2C] (45% @ 30%), MCPP (36% @ 30%), MCPP [2C] (49% @ 30%)

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

CURRENT SW-846 METHODOLOGY VERSIONS

Analytical Methods

1010A - Flashpoint
6010C - ICP
6020A - ICP MS
7010 - Graphite Furnace
7196A - Hexavalent Chromium
7470A - Aqueous Mercury
7471B - Solid Mercury
8011 - EDB/DBCP/TCP
8015D - GRO/DRO
8081B - Pesticides
8082A - PCB
8100M - TPH
8151A - Herbicides
8260B - VOA
8270D - SVOA
8270D SIM - SVOA Low Level
9014 - Cyanide
9038 - Sulfate
9040C - Aqueous pH
9045D - Solid pH (Corrosivity)
9050A - Specific Conductance
9056A - Anions (IC)
9060A - TOC
9095B - Paint Filter
MADEP 04-1.1 - EPH / VPH

Prep Methods

3005A - Aqueous ICP Digestion
3020A - Aqueous Graphite Furnace / ICP MS Digestion
3050B - Solid ICP / Graphite Furnace / ICP MS Digestion
3060A - Solid Hexavalent Chromium Digestion
3510C - Separatory Funnel Extraction
3520C - Liquid / Liquid Extraction
3540C - Manual Soxhlet Extraction
3541 - Automated Soxhlet Extraction
3546 - Microwave Extraction
3580A - Waste Dilution
5030B - Aqueous Purge and Trap
5030C - Aqueous Purge and Trap
5035 - Solid Purge and Trap

SW846 Reactivity Methods 7.3.3.2 (Reactive Cyanide) and 7.3.4.1 (Reactive Sulfide) have been withdrawn by EPA. These methods are reported per client request and are not NELAP accredited.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-01
Date Sampled: 03/14/16 09:00
Percent Solids: 78

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-01
Sample Matrix: Sediment
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**1.51** (1.27)		6010C		1	KJK	03/16/16 17:27	5.02	100	CC61502
Lead	**16.0** (2.54)		6010C		1	KJK	03/16/16 0:45	5.02	100	CC61502

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-01
Date Sampled: 03/14/16 09:00
Percent Solids: 78
Initial Volume: 20
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-01
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.0295** (0.0160)		8081B		5	03/19/16 11:40	CZC0317	CC61616
4,4´-DDE	**0.0668** (0.0160)		8081B		5	03/19/16 11:40	CZC0317	CC61616
4,4´-DDT [2C]	**0.0136** (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Aldrin	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
alpha-BHC	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
alpha-Chlordane	**P 0.0069** (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
beta-BHC	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Chlordane (Total)	ND (0.0383)		8081B		1	03/18/16 8:04	CZC0317	CC61616
delta-BHC	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Dieldrin	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Endosulfan I	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Endosulfan II	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Endrin	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Endrin Aldehyde	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Endrin Ketone	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0019)		8081B		1	03/18/16 8:04	CZC0317	CC61616
gamma-Chlordane [2C]	**0.0043** (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Heptachlor	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Heptachlor Epoxide	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Hexachlorobenzene	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Methoxychlor	ND (0.0032)		8081B		1	03/18/16 8:04	CZC0317	CC61616
Toxaphene	ND (0.160)		8081B		1	03/18/16 8:04	CZC0317	CC61616

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*89 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*101 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*77 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*85 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-01
Date Sampled: 03/14/16 09:00
Percent Solids: 78
Initial Volume: 10
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-01
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: VSC
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/21/16 14:51	CZC0356	CC61724
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/21/16 14:51	CZC0356	CC61724
2,4-D	ND (0.240)		8151A		1	03/21/16 14:51	CZC0356	CC61724
2,4-DB	ND (0.243)		8151A		1	03/21/16 14:51	CZC0356	CC61724
Dalapon	ND (0.232)		8151A		1	03/21/16 14:51	CZC0356	CC61724
Dicamba	ND (0.012)		8151A		1	03/21/16 14:51	CZC0356	CC61724
Dichlorprop	ND (0.240)		8151A		1	03/21/16 14:51	CZC0356	CC61724
Dinoseb	ND (0.243)		8151A		1	03/21/16 14:51	CZC0356	CC61724
MCPA	ND (23.7)		8151A		1	03/21/16 14:51	CZC0356	CC61724
MCPP	ND (24.0)		8151A		1	03/21/16 14:51	CZC0356	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*61 %*		*30-150*
Surrogate: DCAA [2C]	*58 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-02
Date Sampled: 03/14/16 09:10
Percent Solids: 56

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-02
Sample Matrix: Sediment
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**4.48** (2.01)		6010C		1	KJK	03/16/16 17:47	4.44	100	CC61502
Lead	**36.5** (4.02)		6010C		1	KJK	03/16/16 1:18	4.44	100	CC61502

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-02
Date Sampled: 03/14/16 09:10
Percent Solids: 56
Initial Volume: 19.2
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-02
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.0237** (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
4,4´-DDE	**0.0664** (0.0233)		8081B		5	03/19/16 14:26	CZC0317	CC62227
4,4´-DDT	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Aldrin	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
alpha-BHC	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
alpha-Chlordane	**P 0.0086** (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
beta-BHC	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Chlordane (Total)	ND (0.0558)		8081B		1	03/19/16 13:52	CZC0317	CC62227
delta-BHC	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Dieldrin	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Endosulfan I	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Endosulfan II	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Endosulfan Sulfate	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Endrin	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Endrin Aldehyde	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Endrin Ketone	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
gamma-BHC (Lindane)	ND (0.0028)		8081B		1	03/19/16 13:52	CZC0317	CC62227
gamma-Chlordane [2C]	**0.0198** (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Heptachlor	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Heptachlor Epoxide	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Hexachlorobenzene	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Methoxychlor	ND (0.0047)		8081B		1	03/19/16 13:52	CZC0317	CC62227
Toxaphene	ND (0.233)		8081B		1	03/19/16 13:52	CZC0317	CC62227

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*79 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*87 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*73 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*83 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-02
Date Sampled: 03/14/16 09:10
Percent Solids: 56
Initial Volume: 10
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-02
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: VSC
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.017)		8151A		1	03/21/16 15:19	CZC0356	CC61724
2,4,5-TP (Silvex)	ND (0.017)		8151A		1	03/21/16 15:19	CZC0356	CC61724
2,4-D	ND (0.336)		8151A		1	03/21/16 15:19	CZC0356	CC61724
2,4-DB	ND (0.339)		8151A		1	03/21/16 15:19	CZC0356	CC61724
Dalapon [2C]	ND (0.325)		8151A		1	03/21/16 15:19	CZC0356	CC61724
Dicamba [2C]	**LC, P 0.091** (0.084)		8151A		5	03/23/16 7:29	CZC0356	CC61724
Dichlorprop [2C]	**1.30** (0.336)		8151A		1	03/21/16 15:19	CZC0356	CC61724
Dinoseb	ND (0.339)		8151A		1	03/21/16 15:19	CZC0356	CC61724
MCPA	# ND (166)		8151A		5	03/23/16 7:29	CZC0356	CC61724
MCPP	ND (33.6)		8151A		1	03/21/16 15:19	CZC0356	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*100 %*		*30-150*
Surrogate: DCAA [2C]	*47 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-03
Date Sampled: 03/14/16 09:50
Percent Solids: 64

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-03
Sample Matrix: Sediment
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**5.11** (1.84)		6010C		1	KJK	03/16/16 17:51	4.24	100	CC61502
Lead	**10.1** (3.67)		6010C		1	KJK	03/16/16 1:22	4.24	100	CC61502

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-03
Date Sampled: 03/14/16 09:50
Percent Solids: 64
Initial Volume: 19.6
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-03
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.0370** (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
4,4´-DDE	**0.0446** (0.0199)		8081B		5	03/19/16 15:32	CZC0317	CC62227
4,4´-DDT	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Aldrin	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
alpha-BHC	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
alpha-Chlordane	**0.0453** (0.0199)		8081B		5	03/19/16 15:32	CZC0317	CC62227
beta-BHC	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Chlordane (Total)	ND (0.0477)		8081B		1	03/19/16 14:59	CZC0317	CC62227
delta-BHC	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Dieldrin	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Endosulfan I	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Endosulfan II	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Endosulfan Sulfate	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Endrin	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Endrin Aldehyde	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Endrin Ketone	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
gamma-BHC (Lindane)	ND (0.0024)		8081B		1	03/19/16 14:59	CZC0317	CC62227
gamma-Chlordane [2C]	**0.0238** (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Heptachlor	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Heptachlor Epoxide	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Hexachlorobenzene	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Methoxychlor	ND (0.0040)		8081B		1	03/19/16 14:59	CZC0317	CC62227
Toxaphene	ND (0.199)		8081B		1	03/19/16 14:59	CZC0317	CC62227

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*70 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*76 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*63 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*71 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-03
Date Sampled: 03/14/16 09:50
Percent Solids: 64
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-03
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: VSC
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.015)		8151A		1	03/21/16 15:47	CZC0356	CC61724
2,4,5-TP (Silvex)	ND (0.015)		8151A		1	03/21/16 15:47	CZC0356	CC61724
2,4-D	ND (0.290)		8151A		1	03/21/16 15:47	CZC0356	CC61724
2,4-DB	ND (0.293)		8151A		1	03/21/16 15:47	CZC0356	CC61724
Dalapon	ND (0.281)		8151A		1	03/21/16 15:47	CZC0356	CC61724
Dicamba	ND (0.014)		8151A		1	03/21/16 15:47	CZC0356	CC61724
Dichlorprop	ND (0.290)		8151A		1	03/21/16 15:47	CZC0356	CC61724
Dinoseb	ND (0.293)		8151A		1	03/21/16 15:47	CZC0356	CC61724
MCPA	# ND (28.7)		8151A		1	03/21/16 15:47	CZC0356	CC61724
MCPP	# ND (29.0)		8151A		1	03/21/16 15:47	CZC0356	CC61724

	%Recovery	*Qualifier*	*Limits*
Surrogate: DCAA	*70 %*		*30-150*
Surrogate: DCAA [2C]	*70 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-04
Date Sampled: 03/14/16 10:15
Percent Solids: 77

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-04
Sample Matrix: Sediment
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**2.04** (1.57)		6010C		1	KJK	03/16/16 18:08	4.11	100	CC61502
Lead	**6.14** (3.14)		6010C		1	KJK	03/16/16 1:26	4.11	100	CC61502

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-04
Date Sampled: 03/14/16 10:15
Percent Solids: 77
Initial Volume: 19.5
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-04
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
4,4´-DDE	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
4,4´-DDT	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Aldrin	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
alpha-BHC	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
alpha-Chlordane	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
beta-BHC	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Chlordane (Total)	ND (0.0397)		8081B		1	03/19/16 16:05	CZC0317	CC62227
delta-BHC	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Dieldrin	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Endosulfan I	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Endosulfan II	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Endosulfan Sulfate	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Endrin	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Endrin Aldehyde	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Endrin Ketone	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
gamma-BHC (Lindane)	ND (0.0020)		8081B		1	03/19/16 16:05	CZC0317	CC62227
gamma-Chlordane	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Heptachlor	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Heptachlor Epoxide	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Hexachlorobenzene	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Methoxychlor	ND (0.0033)		8081B		1	03/19/16 16:05	CZC0317	CC62227
Toxaphene	ND (0.165)		8081B		1	03/19/16 16:05	CZC0317	CC62227

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*102 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*104 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*92 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*99 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-04
Date Sampled: 03/14/16 10:15
Percent Solids: 77
Initial Volume: 10.5
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-04
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: VSC
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/21/16 16:15	CZC0356	CC61724
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/21/16 16:15	CZC0356	CC61724
2,4-D	ND (0.231)		8151A		1	03/21/16 16:15	CZC0356	CC61724
2,4-DB	ND (0.234)		8151A		1	03/21/16 16:15	CZC0356	CC61724
Dalapon	ND (0.224)		8151A		1	03/21/16 16:15	CZC0356	CC61724
Dicamba	ND (0.012)		8151A		1	03/21/16 16:15	CZC0356	CC61724
Dichlorprop	ND (0.231)		8151A		1	03/21/16 16:15	CZC0356	CC61724
Dinoseb	ND (0.234)		8151A		1	03/21/16 16:15	CZC0356	CC61724
MCPA	ND (22.9)		8151A		1	03/21/16 16:15	CZC0356	CC61724
MCPP	# ND (23.1)		8151A		1	03/21/16 16:15	CZC0356	CC61724

	%Recovery	*Qualifier*	*Limits*
Surrogate: DCAA	*64 %*		*30-150*
Surrogate: DCAA [2C]	*60 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-05
Date Sampled: 03/14/16 10:30
Percent Solids: 75

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-05
Sample Matrix: Sediment
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**2.14** (1.35)		6010C		1	KJK	03/16/16 18:12	4.95	100	CC61502
Lead	**6.00** (2.70)		6010C		1	KJK	03/16/16 1:30	4.95	100	CC61502

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-05
Date Sampled: 03/14/16 10:30
Percent Solids: 75
Initial Volume: 19.5
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-05
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
4,4´-DDE	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
4,4´-DDT	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Aldrin	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
alpha-BHC	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
alpha-Chlordane	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
beta-BHC	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Chlordane (Total)	ND (0.0412)		8081B		1	03/18/16 10:16	CZC0317	CC61616
delta-BHC	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Dieldrin	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Endosulfan I	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Endosulfan II	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Endrin	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Endrin Aldehyde	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Endrin Ketone	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0021)		8081B		1	03/18/16 10:16	CZC0317	CC61616
gamma-Chlordane	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Heptachlor	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Heptachlor Epoxide	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Hexachlorobenzene	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Methoxychlor	ND (0.0034)		8081B		1	03/18/16 10:16	CZC0317	CC61616
Toxaphene	ND (0.172)		8081B		1	03/18/16 10:16	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*77 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*80 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*79 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*91 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-05
Date Sampled: 03/14/16 10:30
Percent Solids: 75
Initial Volume: 10
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-05
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: VSC
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.013)		8151A		1	03/21/16 16:43	CZC0356	CC61724
2,4,5-TP (Silvex)	ND (0.013)		8151A		1	03/21/16 16:43	CZC0356	CC61724
2,4-D	ND (0.252)		8151A		1	03/21/16 16:43	CZC0356	CC61724
2,4-DB	ND (0.254)		8151A		1	03/21/16 16:43	CZC0356	CC61724
Dalapon	ND (0.244)		8151A		1	03/21/16 16:43	CZC0356	CC61724
Dicamba	ND (0.013)		8151A		1	03/21/16 16:43	CZC0356	CC61724
Dichlorprop	ND (0.252)		8151A		1	03/21/16 16:43	CZC0356	CC61724
Dinoseb	ND (0.254)		8151A		1	03/21/16 16:43	CZC0356	CC61724
MCPA	ND (24.9)		8151A		1	03/21/16 16:43	CZC0356	CC61724
MCPP	ND (25.2)		8151A		1	03/21/16 16:43	CZC0356	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*62 %*		*30-150*
Surrogate: DCAA [2C]	*56 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-06
Date Sampled: 03/14/16 10:40
Percent Solids: 48

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-06
Sample Matrix: Sediment
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**11.4** (2.40)		6010C		1	KJK	03/16/16 18:16	4.32	100	CC61502
Lead	**102** (4.80)		6010C		1	KJK	03/16/16 1:34	4.32	100	CC61502

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-06
Date Sampled: 03/14/16 10:40
Percent Solids: 48
Initial Volume: 19.9
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-06
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: TJ
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.290** (0.0521)		8081B		10	03/19/16 17:11	CZC0317	CC62227
4,4´-DDE [2C]	**0.309** (0.0521)		8081B		10	03/19/16 17:11	CZC0317	CC62227
4,4´-DDT	**LC, P 0.0122** (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Aldrin	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
alpha-BHC	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
alpha-Chlordane	**P 0.0898** (0.0521)		8081B		10	03/19/16 17:11	CZC0317	CC62227
beta-BHC	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Chlordane (Total)	ND (0.0625)		8081B		1	03/19/16 16:38	CZC0317	CC62227
delta-BHC	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Dieldrin	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Endosulfan I	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Endosulfan II	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Endosulfan Sulfate	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Endrin	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Endrin Aldehyde	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Endrin Ketone	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
gamma-BHC (Lindane)	ND (0.0031)		8081B		1	03/19/16 16:38	CZC0317	CC62227
gamma-Chlordane [2C]	**0.301** (0.0521)		8081B		10	03/19/16 17:11	CZC0317	CC62227
Heptachlor	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Heptachlor Epoxide	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Hexachlorobenzene	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Methoxychlor	ND (0.0052)		8081B		1	03/19/16 16:38	CZC0317	CC62227
Toxaphene	ND (0.260)		8081B		1	03/19/16 16:38	CZC0317	CC62227

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*75 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*92 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*76 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*83 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SED-06
Date Sampled: 03/14/16 10:40
Percent Solids: 48
Initial Volume: 10.2
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-06
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: VSC
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.019)		8151A		1	03/21/16 17:11	CZC0356	CC61724
2,4,5-TP (Silvex)	ND (0.019)		8151A		1	03/21/16 17:11	CZC0356	CC61724
2,4-D	ND (0.382)		8151A		1	03/21/16 17:11	CZC0356	CC61724
2,4-DB	ND (0.386)		8151A		1	03/21/16 17:11	CZC0356	CC61724
Dalapon [2C]	ND (0.370)		8151A		1	03/21/16 17:11	CZC0356	CC61724
Dicamba	ND (0.019)		8151A		1	03/21/16 17:11	CZC0356	CC61724
Dichlorprop	ND (0.382)		8151A		1	03/21/16 17:11	CZC0356	CC61724
Dinoseb	ND (0.386)		8151A		1	03/21/16 17:11	CZC0356	CC61724
MCPA	# ND (37.8)		8151A		1	03/21/16 17:11	CZC0356	CC61724
MCPP	# ND (38.2)		8151A		1	03/21/16 17:11	CZC0356	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*63 %*		*30-150*
Surrogate: DCAA [2C]	*56 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-01 0-6
Date Sampled: 03/14/16 11:00
Percent Solids: 83

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-07
Sample Matrix: Sediment
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**10.9** (2.84)		6010C		1	KJK	03/16/16 18:20	2.11	100	CC61502
Lead	**27.8** (5.68)		6010C		1	KJK	03/16/16 1:38	2.11	100	CC61502

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-01 0-6
Date Sampled: 03/14/16 11:00
Percent Solids: 83
Initial Volume: 20.3
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-07
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
4,4´-DDE [2C]	**0.0260** (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
4,4´-DDT [2C]	**0.0315** (0.0148)		8081B		5	03/18/16 22:24	CZC0278	CC62410
Aldrin	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
alpha-BHC	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
alpha-Chlordane [2C]	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
beta-BHC	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Chlordane (Total)	ND (0.0354)		8081B		1	03/17/16 2:04	CZC0278	CC62410
delta-BHC	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Dieldrin	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Endosulfan I	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Endosulfan II	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Endosulfan Sulfate	**0.0055** (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Endrin	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Endrin Aldehyde	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Endrin Ketone	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/17/16 2:04	CZC0278	CC62410
gamma-Chlordane	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Heptachlor	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Heptachlor Epoxide	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Hexachlorobenzene	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Methoxychlor	ND (0.0030)		8081B		1	03/17/16 2:04	CZC0278	CC62410
Toxaphene	ND (0.148)		8081B		1	03/17/16 2:04	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*81 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*93 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*81 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*66 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-01 0-6
Date Sampled: 03/14/16 11:00
Percent Solids: 83
Initial Volume: 10.2
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-07
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/17/16 15:04	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/17/16 15:04	CZC0298	CC61542
2,4-D	ND (0.221)		8151A		1	03/17/16 15:04	CZC0298	CC61542
2,4-DB	ND (0.223)		8151A		1	03/17/16 15:04	CZC0298	CC61542
Dalapon	ND (0.214)		8151A		1	03/17/16 15:04	CZC0298	CC61542
Dicamba	ND (0.011)		8151A		1	03/17/16 15:04	CZC0298	CC61542
Dichlorprop	ND (0.221)		8151A		1	03/17/16 15:04	CZC0298	CC61542
Dinoseb	ND (0.223)		8151A		1	03/17/16 15:04	CZC0298	CC61542
MCPA	ND (21.9)		8151A		1	03/17/16 15:04	CZC0298	CC61542
MCPP	ND (22.1)		8151A		1	03/17/16 15:04	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*73 %*		*30-150*
Surrogate: DCAA [2C]	*66 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-01 18-24
Date Sampled: 03/14/16 11:00
Percent Solids: 88

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-08
Sample Matrix: Sediment
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**3.78** (2.48)		6010C		1	KJK	03/16/16 18:24	2.28	100	CC61502
Lead	**28.5** (4.96)		6010C		1	KJK	03/16/16 1:55	2.28	100	CC61502

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-01 18-24
Date Sampled: 03/14/16 11:00
Percent Solids: 88
Initial Volume: 20.6
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-08
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
4,4´-DDE	**0.0269** (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
4,4´-DDT [2C]	**0.0187** (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Aldrin	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
alpha-BHC	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
alpha-Chlordane [2C]	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
beta-BHC	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Chlordane (Total)	ND (0.0329)		8081B		1	03/17/16 2:37	CZC0278	CC62410
delta-BHC	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Dieldrin	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Endosulfan I	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Endosulfan II	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Endrin	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Endrin Aldehyde	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Endrin Ketone	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0016)		8081B		1	03/17/16 2:37	CZC0278	CC62410
gamma-Chlordane	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Heptachlor	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Heptachlor Epoxide	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Hexachlorobenzene	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Methoxychlor	ND (0.0027)		8081B		1	03/17/16 2:37	CZC0278	CC62410
Toxaphene	ND (0.137)		8081B		1	03/17/16 2:37	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*76 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*85 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*79 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*65 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-01 18-24
Date Sampled: 03/14/16 11:00
Percent Solids: 88
Initial Volume: 10.5
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-08
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.010)		8151A		1	03/17/16 16:30	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.010)		8151A		1	03/17/16 16:30	CZC0298	CC61542
2,4-D	ND (0.202)		8151A		1	03/17/16 16:30	CZC0298	CC61542
2,4-DB	ND (0.205)		8151A		1	03/17/16 16:30	CZC0298	CC61542
Dalapon	ND (0.196)		8151A		1	03/17/16 16:30	CZC0298	CC61542
Dicamba	ND (0.010)		8151A		1	03/17/16 16:30	CZC0298	CC61542
Dichlorprop	ND (0.202)		8151A		1	03/17/16 16:30	CZC0298	CC61542
Dinoseb	ND (0.205)		8151A		1	03/17/16 16:30	CZC0298	CC61542
MCPA	ND (20.0)		8151A		1	03/17/16 16:30	CZC0298	CC61542
MCPP	ND (20.2)		8151A		1	03/17/16 16:30	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*58 %*		*30-150*
Surrogate: DCAA [2C]	*59 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-02 0-6
Date Sampled: 03/14/16 11:15
Percent Solids: 82

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-09
Sample Matrix: Sediment
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**5.58** (2.83)		6010C		1	KJK	03/16/16 18:28	2.15	100	CC61502
Lead	**32.9** (5.66)		6010C		1	KJK	03/16/16 1:59	2.15	100	CC61502

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-02 0-6
Date Sampled: 03/14/16 11:15
Percent Solids: 82
Initial Volume: 10.2
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-09
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/17/16 16:59	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/17/16 16:59	CZC0298	CC61542
2,4-D	ND (0.224)		8151A		1	03/17/16 16:59	CZC0298	CC61542
2,4-DB	ND (0.227)		8151A		1	03/17/16 16:59	CZC0298	CC61542
Dalapon	ND (0.217)		8151A		1	03/17/16 16:59	CZC0298	CC61542
Dicamba	ND (0.011)		8151A		1	03/17/16 16:59	CZC0298	CC61542
Dichlorprop	ND (0.224)		8151A		1	03/17/16 16:59	CZC0298	CC61542
Dinoseb	ND (0.227)		8151A		1	03/17/16 16:59	CZC0298	CC61542
MCPA	ND (22.2)		8151A		1	03/17/16 16:59	CZC0298	CC61542
MCPP	ND (22.4)		8151A		1	03/17/16 16:59	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*62 %*		*30-150*
Surrogate: DCAA [2C]	*59 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-02 18-24
Date Sampled: 03/14/16 11:15
Percent Solids: 88

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-10
Sample Matrix: Sediment
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	ND (2.83)		6010C		1	KJK	03/16/16 18:32	2.01	100	CC61502
Lead	**11.9** (5.66)		6010C		1	KJK	03/16/16 2:03	2.01	100	CC61502

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-02 18-24
Date Sampled: 03/14/16 11:15
Percent Solids: 88
Initial Volume: 19.4
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-10
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	**LC, P 0.0071** (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
4,4´-DDE	**0.364** (0.0586)		8081B		20	03/19/16 1:10	CZC0278	CC62410
4,4´-DDT [2C]	**0.140** (0.0293)		8081B		10	03/19/16 0:37	CZC0278	CC62410
Aldrin	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
alpha-BHC	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
alpha-Chlordane [2C]	**LC, P 0.0152** (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
beta-BHC	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Chlordane (Total)	**0.0949** (0.0352)		8081B		1	03/17/16 3:43	CZC0278	CC62410
delta-BHC	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Dieldrin	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Endosulfan I	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Endosulfan II	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Endrin	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Endrin Aldehyde	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Endrin Ketone	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/17/16 3:43	CZC0278	CC62410
gamma-Chlordane [2C]	**0.0079** (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Heptachlor	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Heptachlor Epoxide [2C]	**0.0284** (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Hexachlorobenzene	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Methoxychlor	ND (0.0029)		8081B		1	03/17/16 3:43	CZC0278	CC62410
Toxaphene	ND (0.147)		8081B		1	03/17/16 3:43	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*78 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*85 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*80 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*66 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-02 18-24
Date Sampled: 03/14/16 11:15
Percent Solids: 88
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603331
ESS Laboratory Sample ID: 1603331-10
Sample Matrix: Sediment
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/17/16 17:28	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/17/16 17:28	CZC0298	CC61542
2,4-D	ND (0.212)		8151A		1	03/17/16 17:28	CZC0298	CC61542
2,4-DB	ND (0.214)		8151A		1	03/17/16 17:28	CZC0298	CC61542
Dalapon	ND (0.205)		8151A		1	03/17/16 17:28	CZC0298	CC61542
Dicamba	ND (0.011)		8151A		1	03/17/16 17:28	CZC0298	CC61542
Dichlorprop	ND (0.212)		8151A		1	03/17/16 17:28	CZC0298	CC61542
Dinoseb	ND (0.214)		8151A		1	03/17/16 17:28	CZC0298	CC61542
MCPA	ND (20.9)		8151A		1	03/17/16 17:28	CZC0298	CC61542
MCPP	ND (21.2)		8151A		1	03/17/16 17:28	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*68 %*		*30-150*
Surrogate: DCAA [2C]	*64 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Total Metals										
Batch CC61502 - 3050B										
Blank										
Arsenic	ND	2.50	mg/kg wet							
Lead	ND	5.00	mg/kg wet							
LCS										
Arsenic	147	7.81	mg/kg wet	161.0		91	80-120			
Lead	117	15.6	mg/kg wet	138.0		84	80-120			
LCS Dup										
Arsenic	136	9.43	mg/kg wet	161.0		84	80-120	8	20	
Lead	113	18.9	mg/kg wet	138.0		82	80-120	3	20	
8081B Organochlorine Pesticides										
Batch CC61616 - 3546										
Blank										
4,4´-DDD	ND	0.0025	mg/kg wet							
4,4´-DDD [2C]	ND	0.0025	mg/kg wet							
4,4´-DDE	ND	0.0025	mg/kg wet							
4,4´-DDE [2C]	ND	0.0025	mg/kg wet							
4,4´-DDT	ND	0.0025	mg/kg wet							
4,4´-DDT [2C]	ND	0.0025	mg/kg wet							
Aldrin	ND	0.0025	mg/kg wet							
Aldrin [2C]	ND	0.0025	mg/kg wet							
alpha-BHC	ND	0.0025	mg/kg wet							
alpha-BHC [2C]	ND	0.0025	mg/kg wet							
alpha-Chlordane	ND	0.0025	mg/kg wet							
alpha-Chlordane [2C]	ND	0.0025	mg/kg wet							
beta-BHC	ND	0.0025	mg/kg wet							
beta-BHC [2C]	ND	0.0025	mg/kg wet							
delta-BHC	ND	0.0025	mg/kg wet							
delta-BHC [2C]	ND	0.0025	mg/kg wet							
Dieldrin	ND	0.0025	mg/kg wet							
Dieldrin [2C]	ND	0.0025	mg/kg wet							
Endosulfan I	ND	0.0025	mg/kg wet							
Endosulfan I [2C]	ND	0.0025	mg/kg wet							
Endosulfan II	ND	0.0025	mg/kg wet							
Endosulfan II [2C]	ND	0.0025	mg/kg wet							
Endosulfan Sulfate	ND	0.0025	mg/kg wet							
Endosulfan Sulfate [2C]	ND	0.0025	mg/kg wet							
Endrin	ND	0.0025	mg/kg wet							
Endrin [2C]	ND	0.0025	mg/kg wet							
Endrin Aldehyde	ND	0.0025	mg/kg wet							
Endrin Aldehyde [2C]	ND	0.0025	mg/kg wet							
Endrin Ketone	ND	0.0025	mg/kg wet							
Endrin Ketone [2C]	ND	0.0025	mg/kg wet							
gamma-BHC (Lindane)	ND	0.0015	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

8081B Organochlorine Pesticides

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch CC61616 - 3546										
gamma-BHC (Lindane) [2C]	ND	0.0015	mg/kg wet							
gamma-Chlordane	ND	0.0025	mg/kg wet							
gamma-Chlordane [2C]	ND	0.0025	mg/kg wet							
Heptachlor	ND	0.0025	mg/kg wet							
Heptachlor [2C]	ND	0.0025	mg/kg wet							
Heptachlor Epoxide	ND	0.0025	mg/kg wet							
Heptachlor Epoxide [2C]	ND	0.0025	mg/kg wet							
Hexachlorobenzene	ND	0.0025	mg/kg wet							
Hexachlorobenzene [2C]	ND	0.0025	mg/kg wet							
Methoxychlor	ND	0.0025	mg/kg wet							
Methoxychlor [2C]	ND	0.0025	mg/kg wet							
Surrogate: Decachlorobiphenyl	*0.0130*		mg/kg wet	*0.01250*		*104*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0130*		mg/kg wet	*0.01250*		*104*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0117*		mg/kg wet	*0.01250*		*94*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0114*		mg/kg wet	*0.01250*		*91*	*30-150*			
LCS										
4,4´-DDD	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
4,4´-DDD [2C]	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
4,4´-DDE	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
4,4´-DDE [2C]	0.0121	0.0025	mg/kg wet	0.01250		96	40-140			
4,4´-DDT	0.0131	0.0025	mg/kg wet	0.01250		105	40-140			
4,4´-DDT [2C]	0.0133	0.0025	mg/kg wet	0.01250		106	40-140			
Aldrin	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
Aldrin [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
alpha-BHC	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
alpha-BHC [2C]	0.0109	0.0025	mg/kg wet	0.01250		88	40-140			
alpha-Chlordane	0.0117	0.0025	mg/kg wet	0.01250		93	40-140			
alpha-Chlordane [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
beta-BHC	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
beta-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
delta-BHC	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
delta-BHC [2C]	0.0112	0.0025	mg/kg wet	0.01250		90	40-140			
Dieldrin	0.0121	0.0025	mg/kg wet	0.01250		96	40-140			
Dieldrin [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Endosulfan I	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
Endosulfan I [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
Endosulfan II	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
Endosulfan II [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Endosulfan Sulfate	0.0124	0.0025	mg/kg wet	0.01250		99	40-140			
Endosulfan Sulfate [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140			
Endrin	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
Endrin [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
Endrin Aldehyde	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Endrin Aldehyde [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC61616 - 3546										
Endrin Ketone	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
Endrin Ketone [2C]	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
gamma-BHC (Lindane)	0.0117	0.0015	mg/kg wet	0.01250		94	40-140			
gamma-BHC (Lindane) [2C]	0.0112	0.0015	mg/kg wet	0.01250		89	40-140			
gamma-Chlordane	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
gamma-Chlordane [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Heptachlor	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
Heptachlor [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
Heptachlor Epoxide	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Heptachlor Epoxide [2C]	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
Hexachlorobenzene	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Hexachlorobenzene [2C]	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			
Methoxychlor	0.0129	0.0025	mg/kg wet	0.01250		103	40-140			
Methoxychlor [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
Surrogate: Decachlorobiphenyl	*0.0123*		mg/kg wet	*0.01250*		*99*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0123*		mg/kg wet	*0.01250*		*98*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0115*		mg/kg wet	*0.01250*		*92*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0113*		mg/kg wet	*0.01250*		*91*	*30-150*			
LCS Dup										
4,4´-DDD	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	7	30	
4,4´-DDD [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
4,4´-DDE	0.0126	0.0025	mg/kg wet	0.01250		101	40-140	4	30	
4,4´-DDE [2C]	0.0126	0.0025	mg/kg wet	0.01250		101	40-140	4	30	
4,4´-DDT	0.0142	0.0025	mg/kg wet	0.01250		113	40-140	8	30	
4,4´-DDT [2C]	0.0142	0.0025	mg/kg wet	0.01250		113	40-140	7	30	
Aldrin	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
Aldrin [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	4	30	
alpha-BHC	0.0126	0.0025	mg/kg wet	0.01250		101	40-140	4	30	
alpha-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	5	30	
alpha-Chlordane	0.0122	0.0025	mg/kg wet	0.01250		97	40-140	4	30	
alpha-Chlordane [2C]	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	4	30	
beta-BHC	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	4	30	
beta-BHC [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	4	30	
delta-BHC	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
delta-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	3	30	
Dieldrin	0.0126	0.0025	mg/kg wet	0.01250		101	40-140	4	30	
Dieldrin [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140	4	30	
Endosulfan I	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	5	30	
Endosulfan I [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	4	30	
Endosulfan II	0.0124	0.0025	mg/kg wet	0.01250		100	40-140	6	30	
Endosulfan II [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	4	30	
Endosulfan Sulfate	0.0129	0.0025	mg/kg wet	0.01250		103	40-140	4	30	
Endosulfan Sulfate [2C]	0.0132	0.0025	mg/kg wet	0.01250		106	40-140	4	30	
Endrin	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	5	30	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC61616 - 3546										
Endrin [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	4	30	
Endrin Aldehyde	0.0117	0.0025	mg/kg wet	0.01250		94	40-140	2	30	
Endrin Aldehyde [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	0.5	30	
Endrin Ketone	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	5	30	
Endrin Ketone [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	5	30	
gamma-BHC (Lindane)	0.0122	0.0015	mg/kg wet	0.01250		97	40-140	4	30	
gamma-BHC (Lindane) [2C]	0.0116	0.0015	mg/kg wet	0.01250		93	40-140	4	30	
gamma-Chlordane	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	5	30	
gamma-Chlordane [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	4	30	
Heptachlor	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	4	30	
Heptachlor [2C]	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	4	30	
Heptachlor Epoxide	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	4	30	
Heptachlor Epoxide [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
Hexachlorobenzene	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	4	30	
Hexachlorobenzene [2C]	0.0122	0.0025	mg/kg wet	0.01250		97	40-140	5	30	
Methoxychlor	0.0137	0.0025	mg/kg wet	0.01250		110	40-140	6	30	
Methoxychlor [2C]	0.0135	0.0025	mg/kg wet	0.01250		108	40-140	8	30	
Surrogate: Decachlorobiphenyl	*0.0125*		mg/kg wet	*0.01250*		*100*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0126*		mg/kg wet	*0.01250*		*101*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0117*		mg/kg wet	*0.01250*		*94*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0114*		mg/kg wet	*0.01250*		*91*	*30-150*			
Batch CC62227 - 3546										
Blank										
4,4´-DDD	ND	0.0025	mg/kg wet							
4,4´-DDD [2C]	ND	0.0025	mg/kg wet							
4,4´-DDE	ND	0.0025	mg/kg wet							
4,4´-DDE [2C]	ND	0.0025	mg/kg wet							
4,4´-DDT	ND	0.0025	mg/kg wet							
4,4´-DDT [2C]	ND	0.0025	mg/kg wet							
Aldrin	ND	0.0025	mg/kg wet							
Aldrin [2C]	ND	0.0025	mg/kg wet							
alpha-BHC	ND	0.0025	mg/kg wet							
alpha-BHC [2C]	ND	0.0025	mg/kg wet							
alpha-Chlordane	ND	0.0025	mg/kg wet							
alpha-Chlordane [2C]	ND	0.0025	mg/kg wet							
beta-BHC	ND	0.0025	mg/kg wet							
beta-BHC [2C]	ND	0.0025	mg/kg wet							
delta-BHC	ND	0.0025	mg/kg wet							
delta-BHC [2C]	ND	0.0025	mg/kg wet							
Dieldrin	ND	0.0025	mg/kg wet							
Dieldrin [2C]	ND	0.0025	mg/kg wet							
Endosulfan I	ND	0.0025	mg/kg wet							
Endosulfan I [2C]	ND	0.0025	mg/kg wet							
Endosulfan II	ND	0.0025	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC62227 - 3546										
Endosulfan II [2C]	ND	0.0025	mg/kg wet							
Endosulfan Sulfate	ND	0.0025	mg/kg wet							
Endosulfan Sulfate [2C]	ND	0.0025	mg/kg wet							
Endrin	ND	0.0025	mg/kg wet							
Endrin [2C]	ND	0.0025	mg/kg wet							
Endrin Aldehyde	ND	0.0025	mg/kg wet							
Endrin Aldehyde [2C]	ND	0.0025	mg/kg wet							
Endrin Ketone	ND	0.0025	mg/kg wet							
Endrin Ketone [2C]	ND	0.0025	mg/kg wet							
gamma-BHC (Lindane)	ND	0.0015	mg/kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0015	mg/kg wet							
gamma-Chlordane	ND	0.0025	mg/kg wet							
gamma-Chlordane [2C]	ND	0.0025	mg/kg wet							
Heptachlor	ND	0.0025	mg/kg wet							
Heptachlor [2C]	ND	0.0025	mg/kg wet							
Heptachlor Epoxide	ND	0.0025	mg/kg wet							
Heptachlor Epoxide [2C]	ND	0.0025	mg/kg wet							
Hexachlorobenzene	ND	0.0025	mg/kg wet							
Hexachlorobenzene [2C]	ND	0.0025	mg/kg wet							
Methoxychlor	ND	0.0025	mg/kg wet							
Methoxychlor [2C]	ND	0.0025	mg/kg wet							
Surrogate: Decachlorobiphenyl	*0.0124*		mg/kg wet	*0.01250*		*99*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0126*		mg/kg wet	*0.01250*		*101*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0117*		mg/kg wet	*0.01250*		*94*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0119*		mg/kg wet	*0.01250*		*95*	*30-150*			
LCS										
4,4´-DDD	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
4,4´-DDD [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
4,4´-DDE	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			
4,4´-DDE [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
4,4´-DDT	0.0132	0.0025	mg/kg wet	0.01250		106	40-140			
4,4´-DDT [2C]	0.0137	0.0025	mg/kg wet	0.01250		110	40-140			
Aldrin	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Aldrin [2C]	0.0122	0.0025	mg/kg wet	0.01250		97	40-140			
alpha-BHC	0.0126	0.0025	mg/kg wet	0.01250		101	40-140			
alpha-BHC [2C]	0.0117	0.0025	mg/kg wet	0.01250		93	40-140			
alpha-Chlordane	0.0114	0.0025	mg/kg wet	0.01250		91	40-140			
alpha-Chlordane [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
beta-BHC	0.0114	0.0025	mg/kg wet	0.01250		91	40-140			
beta-BHC [2C]	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
delta-BHC	0.0117	0.0025	mg/kg wet	0.01250		93	40-140			
delta-BHC [2C]	0.0112	0.0025	mg/kg wet	0.01250		90	40-140			
Dieldrin	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
Dieldrin [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC62227 - 3546										
Endosulfan I	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
Endosulfan I [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
Endosulfan II	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Endosulfan II [2C]	0.0121	0.0025	mg/kg wet	0.01250		96	40-140			
Endosulfan Sulfate	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Endosulfan Sulfate [2C]	0.0128	0.0025	mg/kg wet	0.01250		103	40-140			
Endrin	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
Endrin [2C]	0.0126	0.0025	mg/kg wet	0.01250		101	40-140			
Endrin Aldehyde	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Endrin Aldehyde [2C]	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
Endrin Ketone	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Endrin Ketone [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
gamma-BHC (Lindane)	0.0120	0.0015	mg/kg wet	0.01250		96	40-140			
gamma-BHC (Lindane) [2C]	0.0117	0.0015	mg/kg wet	0.01250		94	40-140			
gamma-Chlordane	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
gamma-Chlordane [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
Heptachlor	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			
Heptachlor [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Heptachlor Epoxide	0.0111	0.0025	mg/kg wet	0.01250		88	40-140			
Heptachlor Epoxide [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
Hexachlorobenzene	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
Hexachlorobenzene [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
Methoxychlor	0.0128	0.0025	mg/kg wet	0.01250		102	40-140			
Methoxychlor [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140			
Surrogate: Decachlorobiphenyl	*0.0122*		mg/kg wet	*0.01250*		*98*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0129*		mg/kg wet	*0.01250*		*103*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0119*		mg/kg wet	*0.01250*		*96*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0120*		mg/kg wet	*0.01250*		*96*	*30-150*			
LCS Dup										
4,4´-DDD	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	8	30	
4,4´-DDD [2C]	0.0128	0.0025	mg/kg wet	0.01250		102	40-140	8	30	
4,4´-DDE	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	8	30	
4,4´-DDE [2C]	0.0132	0.0025	mg/kg wet	0.01250		105	40-140	7	30	
4,4´-DDT	0.0147	0.0025	mg/kg wet	0.01250		117	40-140	10	30	
4,4´-DDT [2C]	0.0151	0.0025	mg/kg wet	0.01250		121	40-140	10	30	
Aldrin	0.0122	0.0025	mg/kg wet	0.01250		97	40-140	6	30	
Aldrin [2C]	0.0128	0.0025	mg/kg wet	0.01250		103	40-140	5	30	
alpha-BHC	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	3	30	
alpha-BHC [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	4	30	
alpha-Chlordane	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	8	30	
alpha-Chlordane [2C]	0.0129	0.0025	mg/kg wet	0.01250		103	40-140	7	30	
beta-BHC	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	5	30	
beta-BHC [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	6	30	
delta-BHC	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	6	30	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC62227 - 3546										
delta-BHC [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	7	30	
Dieldrin	0.0128	0.0025	mg/kg wet	0.01250		102	40-140	8	30	
Dieldrin [2C]	0.0134	0.0025	mg/kg wet	0.01250		107	40-140	7	30	
Endosulfan I	0.0128	0.0025	mg/kg wet	0.01250		102	40-140	9	30	
Endosulfan I [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	7	30	
Endosulfan II	0.0126	0.0025	mg/kg wet	0.01250		100	40-140	9	30	
Endosulfan II [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	8	30	
Endosulfan Sulfate	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	8	30	
Endosulfan Sulfate [2C]	0.0139	0.0025	mg/kg wet	0.01250		111	40-140	8	30	
Endrin	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	8	30	
Endrin [2C]	0.0137	0.0025	mg/kg wet	0.01250		109	40-140	8	30	
Endrin Aldehyde	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	5	30	
Endrin Aldehyde [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
Endrin Ketone	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	9	30	
Endrin Ketone [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	8	30	
gamma-BHC (Lindane)	0.0125	0.0015	mg/kg wet	0.01250		100	40-140	4	30	
gamma-BHC (Lindane) [2C]	0.0122	0.0015	mg/kg wet	0.01250		98	40-140	4	30	
gamma-Chlordane	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	7	30	
gamma-Chlordane [2C]	0.0132	0.0025	mg/kg wet	0.01250		105	40-140	7	30	
Heptachlor	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	5	30	
Heptachlor [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140	4	30	
Heptachlor Epoxide	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	7	30	
Heptachlor Epoxide [2C]	0.0129	0.0025	mg/kg wet	0.01250		103	40-140	6	30	
Hexachlorobenzene	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	3	30	
Hexachlorobenzene [2C]	0.0128	0.0025	mg/kg wet	0.01250		102	40-140	4	30	
Methoxychlor	0.0143	0.0025	mg/kg wet	0.01250		114	40-140	11	30	
Methoxychlor [2C]	0.0144	0.0025	mg/kg wet	0.01250		115	40-140	10	30	
Surrogate: Decachlorobiphenyl	*0.0143*		mg/kg wet	*0.01250*		*115*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0142*		mg/kg wet	*0.01250*		*114*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0123*		mg/kg wet	*0.01250*		*99*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0120*		mg/kg wet	*0.01250*		*96*	*30-150*			
Batch CC62410 - 3546										
Blank										
4,4´-DDD	ND	0.0025	mg/kg wet							
4,4´-DDD [2C]	ND	0.0025	mg/kg wet							
4,4´-DDE	ND	0.0025	mg/kg wet							
4,4´-DDE [2C]	ND	0.0025	mg/kg wet							
4,4´-DDT	ND	0.0025	mg/kg wet							
4,4´-DDT [2C]	ND	0.0025	mg/kg wet							
Aldrin	ND	0.0025	mg/kg wet							
Aldrin [2C]	ND	0.0025	mg/kg wet							
alpha-BHC	ND	0.0025	mg/kg wet							
alpha-BHC [2C]	ND	0.0025	mg/kg wet							
alpha-Chlordane	ND	0.0025	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

8081B Organochlorine Pesticides

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch CC62410 - 3546										
alpha-Chlordane [2C]	ND	0.0025	mg/kg wet							
beta-BHC	ND	0.0025	mg/kg wet							
beta-BHC [2C]	ND	0.0025	mg/kg wet							
delta-BHC	ND	0.0025	mg/kg wet							
delta-BHC [2C]	ND	0.0025	mg/kg wet							
Dieldrin	ND	0.0025	mg/kg wet							
Dieldrin [2C]	ND	0.0025	mg/kg wet							
Endosulfan I	ND	0.0025	mg/kg wet							
Endosulfan I [2C]	ND	0.0025	mg/kg wet							
Endosulfan II	ND	0.0025	mg/kg wet							
Endosulfan II [2C]	ND	0.0025	mg/kg wet							
Endosulfan Sulfate	ND	0.0025	mg/kg wet							
Endosulfan Sulfate [2C]	ND	0.0025	mg/kg wet							
Endrin	ND	0.0025	mg/kg wet							
Endrin [2C]	ND	0.0025	mg/kg wet							
Endrin Aldehyde	ND	0.0025	mg/kg wet							
Endrin Aldehyde [2C]	ND	0.0025	mg/kg wet							
Endrin Ketone	ND	0.0025	mg/kg wet							
Endrin Ketone [2C]	ND	0.0025	mg/kg wet							
gamma-BHC (Lindane)	ND	0.0015	mg/kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0015	mg/kg wet							
gamma-Chlordane	ND	0.0025	mg/kg wet							
gamma-Chlordane [2C]	ND	0.0025	mg/kg wet							
Heptachlor	ND	0.0025	mg/kg wet							
Heptachlor [2C]	ND	0.0025	mg/kg wet							
Heptachlor Epoxide	ND	0.0025	mg/kg wet							
Heptachlor Epoxide [2C]	ND	0.0025	mg/kg wet							
Hexachlorobenzene	ND	0.0025	mg/kg wet							
Hexachlorobenzene [2C]	ND	0.0025	mg/kg wet							
Methoxychlor	ND	0.0025	mg/kg wet							
Methoxychlor [2C]	ND	0.0025	mg/kg wet							
Surrogate: Decachlorobiphenyl	*0.0121*		mg/kg wet	*0.01250*		*96*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0120*		mg/kg wet	*0.01250*		*96*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0125*		mg/kg wet	*0.01250*		*100*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.00951*		mg/kg wet	*0.01250*		*76*	*30-150*			
LCS										
4,4´-DDD	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
4,4´-DDD [2C]	0.0131	0.0025	mg/kg wet	0.01250		104	40-140			
4,4´-DDE	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
4,4´-DDE [2C]	0.0129	0.0025	mg/kg wet	0.01250		103	40-140			
4,4´-DDT	0.0137	0.0025	mg/kg wet	0.01250		110	40-140			
4,4´-DDT [2C]	0.0142	0.0025	mg/kg wet	0.01250		113	40-140			
Aldrin	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Aldrin [2C]	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC62410 - 3546										
alpha-BHC	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
alpha-BHC [2C]	0.0107	0.0025	mg/kg wet	0.01250		85	40-140			
alpha-Chlordane	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
alpha-Chlordane [2C]	0.0126	0.0025	mg/kg wet	0.01250		101	40-140			
beta-BHC	0.0128	0.0025	mg/kg wet	0.01250		102	40-140			
beta-BHC [2C]	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			
delta-BHC	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
delta-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Dieldrin	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Dieldrin [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140			
Endosulfan I	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
Endosulfan I [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140			
Endosulfan II	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
Endosulfan II [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140			
Endosulfan Sulfate	0.0131	0.0025	mg/kg wet	0.01250		105	40-140			
Endosulfan Sulfate [2C]	0.0145	0.0025	mg/kg wet	0.01250		116	40-140			
Endrin	0.0128	0.0025	mg/kg wet	0.01250		103	40-140			
Endrin [2C]	0.0139	0.0025	mg/kg wet	0.01250		111	40-140			
Endrin Aldehyde	0.0111	0.0025	mg/kg wet	0.01250		89	40-140			
Endrin Aldehyde [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Endrin Ketone	0.0128	0.0025	mg/kg wet	0.01250		102	40-140			
Endrin Ketone [2C]	0.0132	0.0025	mg/kg wet	0.01250		106	40-140			
gamma-BHC (Lindane)	0.0123	0.0015	mg/kg wet	0.01250		98	40-140			
gamma-BHC (Lindane) [2C]	0.0112	0.0015	mg/kg wet	0.01250		90	40-140			
gamma-Chlordane	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
gamma-Chlordane [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140			
Heptachlor	0.0127	0.0025	mg/kg wet	0.01250		101	40-140			
Heptachlor [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140			
Heptachlor Epoxide	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
Heptachlor Epoxide [2C]	0.0126	0.0025	mg/kg wet	0.01250		101	40-140			
Hexachlorobenzene	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
Hexachlorobenzene [2C]	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
Methoxychlor	0.0145	0.0025	mg/kg wet	0.01250		116	40-140			
Methoxychlor [2C]	0.0155	0.0025	mg/kg wet	0.01250		124	40-140			
Surrogate: Decachlorobiphenyl	*0.0126*		mg/kg wet	*0.01250*		*101*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0130*		mg/kg wet	*0.01250*		*104*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0124*		mg/kg wet	*0.01250*		*99*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.00958*		mg/kg wet	*0.01250*		*77*	*30-150*			
LCS Dup										
4,4´-DDD	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	0.08	30	
4,4´-DDD [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	0.4	30	
4,4´-DDE	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	1	30	
4,4´-DDE [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	0.7	30	
4,4´-DDT	0.0141	0.0025	mg/kg wet	0.01250		113	40-140	3	30	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC62410 - 3546										
4,4´-DDT [2C]	0.0144	0.0025	mg/kg wet	0.01250		115	40-140	2	30	
Aldrin	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	2	30	
Aldrin [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140	2	30	
alpha-BHC	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	2	30	
alpha-BHC [2C]	0.0109	0.0025	mg/kg wet	0.01250		87	40-140	2	30	
alpha-Chlordane	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	2	30	
alpha-Chlordane [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140	0.9	30	
beta-BHC	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	4	30	
beta-BHC [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140	2	30	
delta-BHC	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	2	30	
delta-BHC [2C]	0.0117	0.0025	mg/kg wet	0.01250		94	40-140	2	30	
Dieldrin	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	1	30	
Dieldrin [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	0.7	30	
Endosulfan I	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	1	30	
Endosulfan I [2C]	0.0128	0.0025	mg/kg wet	0.01250		103	40-140	0.7	30	
Endosulfan II	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	0.9	30	
Endosulfan II [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	0.2	30	
Endosulfan Sulfate	0.0133	0.0025	mg/kg wet	0.01250		107	40-140	2	30	
Endosulfan Sulfate [2C]	0.0145	0.0025	mg/kg wet	0.01250		116	40-140	0.2	30	
Endrin	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	2	30	
Endrin [2C]	0.0141	0.0025	mg/kg wet	0.01250		113	40-140	1	30	
Endrin Aldehyde	0.0114	0.0025	mg/kg wet	0.01250		91	40-140	2	30	
Endrin Aldehyde [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	0.3	30	
Endrin Ketone	0.0133	0.0025	mg/kg wet	0.01250		106	40-140	4	30	
Endrin Ketone [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	1	30	
gamma-BHC (Lindane)	0.0125	0.0015	mg/kg wet	0.01250		100	40-140	2	30	
gamma-BHC (Lindane) [2C]	0.0114	0.0015	mg/kg wet	0.01250		91	40-140	1	30	
gamma-Chlordane	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	1	30	
gamma-Chlordane [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	1	30	
Heptachlor	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	3	30	
Heptachlor [2C]	0.0127	0.0025	mg/kg wet	0.01250		101	40-140	2	30	
Heptachlor Epoxide	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	1	30	
Heptachlor Epoxide [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140	1	30	
Hexachlorobenzene	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	2	30	
Hexachlorobenzene [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	2	30	
Methoxychlor	0.0147	0.0025	mg/kg wet	0.01250		118	40-140	1	30	
Methoxychlor [2C]	0.0157	0.0025	mg/kg wet	0.01250		125	40-140	1	30	
Surrogate: Decachlorobiphenyl	*0.0129*		mg/kg wet	*0.01250*		*103*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0131*		mg/kg wet	*0.01250*		*105*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0126*		mg/kg wet	*0.01250*		*100*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.00964*		mg/kg wet	*0.01250*		*77*	*30-150*			
8151A Chlorinated Herbicides										
Batch CC61542 - 3546										

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8151A Chlorinated Herbicides										
Batch CC61542 - 3546										
Blank										
2,4,5-T	ND	0.010	mg/kg wet							
2,4,5-T [2C]	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex)	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex) [2C]	ND	0.010	mg/kg wet							
2,4-D	ND	0.188	mg/kg wet							
2,4-D [2C]	ND	0.188	mg/kg wet							
2,4-DB	ND	0.190	mg/kg wet							
2,4-DB [2C]	ND	0.190	mg/kg wet							
Dalapon	ND	0.182	mg/kg wet							
Dalapon [2C]	ND	0.182	mg/kg wet							
Dicamba	ND	0.009	mg/kg wet							
Dicamba [2C]	ND	0.009	mg/kg wet							
Dichlorprop	ND	0.188	mg/kg wet							
Dichlorprop [2C]	ND	0.188	mg/kg wet							
Dinoseb	ND	0.190	mg/kg wet							
Dinoseb [2C]	ND	0.190	mg/kg wet							
MCPA	ND	18.6	mg/kg wet							
MCPA [2C]	ND	18.6	mg/kg wet							
MCPP	ND	18.8	mg/kg wet							
MCPP [2C]	ND	18.8	mg/kg wet							
Surrogate: DCAA	*13.6*		mg/kg wet	*20.00*		*68*	*30-150*			
Surrogate: DCAA [2C]	*12.6*		mg/kg wet	*20.00*		*63*	*30-150*			
LCS										
2,4,5-T	0.009	0.010	mg/kg wet	0.01900		46	40-140			
2,4,5-T [2C]	0.010	0.010	mg/kg wet	0.01900		50	40-140			
2,4,5-TP (Silvex)	0.009	0.010	mg/kg wet	0.01900		48	40-140			
2,4,5-TP (Silvex) [2C]	0.008	0.010	mg/kg wet	0.01900		44	40-140			
2,4-D	0.106	0.188	mg/kg wet	0.1880		56	40-140			
2,4-D [2C]	0.102	0.188	mg/kg wet	0.1880		54	40-140			
2,4-DB	0.102	0.190	mg/kg wet	0.1900		54	40-140			
2,4-DB [2C]	0.084	0.190	mg/kg wet	0.1900		44	40-140			
Dalapon	0.150	0.182	mg/kg wet	0.4550		33	40-140			B-
Dalapon [2C]	0.152	0.182	mg/kg wet	0.4550		33	40-140			B-
Dicamba	0.009	0.009	mg/kg wet	0.01880		46	40-140			
Dicamba [2C]	0.009	0.009	mg/kg wet	0.01880		46	40-140			
Dichlorprop	0.131	0.188	mg/kg wet	0.1880		70	40-140			
Dichlorprop [2C]	0.120	0.188	mg/kg wet	0.1880		64	40-140			
Dinoseb	0.012	0.190	mg/kg wet	0.09500		12	10-100			
Dinoseb [2C]	0.011	0.190	mg/kg wet	0.09500		11	10-100			
MCPA	8.51	18.6	mg/kg wet	18.60		46	40-140			
MCPA [2C]	8.03	18.6	mg/kg wet	18.60		43	40-140			
MCPP	8.54	18.8	mg/kg wet	18.80		45	40-140			
MCPP [2C]	8.97	18.8	mg/kg wet	18.80		48	40-140			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8151A Chlorinated Herbicides										
Batch CC61542 - 3546										
Surrogate: DCAA	*14.2*		mg/kg wet	*20.00*		*71*	*30-150*			
Surrogate: DCAA [2C]	*14.0*		mg/kg wet	*20.00*		*70*	*30-150*			
LCS Dup										
2,4,5-T	0.008	0.010	mg/kg wet	0.01900		42	40-140	9	30	
2,4,5-T [2C]	0.009	0.010	mg/kg wet	0.01900		46	40-140	8	30	
2,4,5-TP (Silvex)	0.009	0.010	mg/kg wet	0.01900		46	40-140	4	30	
2,4,5-TP (Silvex) [2C]	0.008	0.010	mg/kg wet	0.01900		42	40-140	5	30	
2,4-D	0.099	0.188	mg/kg wet	0.1880		53	40-140	7	30	
2,4-D [2C]	0.095	0.188	mg/kg wet	0.1880		50	40-140	7	30	
2,4-DB	0.087	0.190	mg/kg wet	0.1900		46	40-140	16	30	
2,4-DB [2C]	0.076	0.190	mg/kg wet	0.1900		40	40-140	10	30	
Dalapon	0.132	0.182	mg/kg wet	0.4550		29	40-140	12	30	B-
Dalapon [2C]	0.134	0.182	mg/kg wet	0.4550		30	40-140	12	30	B-
Dicamba	0.008	0.009	mg/kg wet	0.01880		44	40-140	4	30	
Dicamba [2C]	0.008	0.009	mg/kg wet	0.01880		44	40-140	4	30	
Dichlorprop	0.125	0.188	mg/kg wet	0.1880		66	40-140	5	30	
Dichlorprop [2C]	0.111	0.188	mg/kg wet	0.1880		59	40-140	8	30	
Dinoseb	0.010	0.190	mg/kg wet	0.09500		10	10-100	21	30	
Dinoseb [2C]	ND	0.190	mg/kg wet	0.09500			10-100	200	30	B-, D+
MCPA	8.00	18.6	mg/kg wet	18.60		43	40-140	6	30	
MCPA [2C]	7.45	18.6	mg/kg wet	18.60		40	40-140	8	30	
MCPP	7.98	18.8	mg/kg wet	18.80		42	40-140	7	30	
MCPP [2C]	8.07	18.8	mg/kg wet	18.80		43	40-140	11	30	
Surrogate: DCAA	*13.2*		mg/kg wet	*20.00*		*66*	*30-150*			
Surrogate: DCAA [2C]	*12.3*		mg/kg wet	*20.00*		*61*	*30-150*			
Batch CC61724 - 3546										
Blank										
2,4,5-T	ND	0.010	mg/kg wet							
2,4,5-T [2C]	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex)	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex) [2C]	ND	0.010	mg/kg wet							
2,4-D	ND	0.188	mg/kg wet							
2,4-D [2C]	ND	0.188	mg/kg wet							
2,4-DB	ND	0.190	mg/kg wet							
2,4-DB [2C]	ND	0.190	mg/kg wet							
Dalapon	ND	0.182	mg/kg wet							
Dalapon [2C]	ND	0.182	mg/kg wet							
Dicamba	ND	0.009	mg/kg wet							
Dicamba [2C]	ND	0.009	mg/kg wet							
Dichlorprop	ND	0.188	mg/kg wet							
Dichlorprop [2C]	ND	0.188	mg/kg wet							
Dinoseb	ND	0.190	mg/kg wet							
Dinoseb [2C]	ND	0.190	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8151A Chlorinated Herbicides										
Batch CC61724 - 3546										
MCPA	ND	18.6	mg/kg wet							
MCPA [2C]	ND	18.6	mg/kg wet							
MCPP	ND	18.8	mg/kg wet							
MCPP [2C]	ND	18.8	mg/kg wet							
Surrogate: DCAA	*11.4*		mg/kg wet	*20.00*		*57*	*30-150*			
Surrogate: DCAA [2C]	*11.0*		mg/kg wet	*20.00*		*55*	*30-150*			
LCS										
2,4,5-T	0.010	0.010	mg/kg wet	0.01900		50	40-140			
2,4,5-T [2C]	0.010	0.010	mg/kg wet	0.01900		54	40-140			
2,4,5-TP (Silvex)	0.010	0.010	mg/kg wet	0.01900		52	40-140			
2,4,5-TP (Silvex) [2C]	0.010	0.010	mg/kg wet	0.01900		54	40-140			
2,4-D	0.118	0.188	mg/kg wet	0.1880		63	40-140			
2,4-D [2C]	0.160	0.188	mg/kg wet	0.1880		85	40-140			
2,4-DB	0.081	0.190	mg/kg wet	0.1900		43	40-140			
2,4-DB [2C]	0.073	0.190	mg/kg wet	0.1900		38	40-140			B-
Dalapon	0.200	0.182	mg/kg wet	0.4550		44	40-140			
Dalapon [2C]	0.222	0.182	mg/kg wet	0.4550		49	40-140			
Dicamba	0.012	0.009	mg/kg wet	0.01880		64	40-140			
Dicamba [2C]	0.012	0.009	mg/kg wet	0.01880		66	40-140			
Dichlorprop	0.148	0.188	mg/kg wet	0.1880		79	40-140			
Dichlorprop [2C]	0.150	0.188	mg/kg wet	0.1880		80	40-140			
Dinoseb	0.022	0.190	mg/kg wet	0.09500		24	10-100			
Dinoseb [2C]	0.025	0.190	mg/kg wet	0.09500		26	10-100			
MCPA	11.3	18.6	mg/kg wet	18.60		61	40-140			
MCPA [2C]	11.2	18.6	mg/kg wet	18.60		60	40-140			
MCPP	9.86	18.8	mg/kg wet	18.80		52	40-140			
MCPP [2C]	11.2	18.8	mg/kg wet	18.80		60	40-140			
Surrogate: DCAA	*17.3*		mg/kg wet	*20.00*		*87*	*30-150*			
Surrogate: DCAA [2C]	*18.2*		mg/kg wet	*20.00*		*91*	*30-150*			
LCS Dup										
2,4,5-T	0.013	0.010	mg/kg wet	0.01900		70	40-140	33	30	D+
2,4,5-T [2C]	0.014	0.010	mg/kg wet	0.01900		72	40-140	29	30	
2,4,5-TP (Silvex)	0.014	0.010	mg/kg wet	0.01900		72	40-140	32	30	D+
2,4,5-TP (Silvex) [2C]	0.017	0.010	mg/kg wet	0.01900		92	40-140	52	30	D+
2,4-D	0.162	0.188	mg/kg wet	0.1880		86	40-140	31	30	D+
2,4-D [2C]	0.217	0.188	mg/kg wet	0.1880		116	40-140	31	30	D+
2,4-DB	0.141	0.190	mg/kg wet	0.1900		74	40-140	54	30	D+
2,4-DB [2C]	0.132	0.190	mg/kg wet	0.1900		70	40-140	58	30	D+
Dalapon	0.250	0.182	mg/kg wet	0.4550		55	40-140	22	30	
Dalapon [2C]	0.277	0.182	mg/kg wet	0.4550		61	40-140	22	30	
Dicamba	0.015	0.009	mg/kg wet	0.01880		82	40-140	25	30	
Dicamba [2C]	0.017	0.009	mg/kg wet	0.01880		92	40-140	33	30	D+
Dichlorprop	0.197	0.188	mg/kg wet	0.1880		105	40-140	28	30	
Dichlorprop [2C]	0.205	0.188	mg/kg wet	0.1880		109	40-140	31	30	D+

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8151A Chlorinated Herbicides										
Batch CC61724 - 3546										
Dinoseb	0.035	0.190	mg/kg wet	0.09500		36	10-100	43	30	D+
Dinoseb [2C]	0.036	0.190	mg/kg wet	0.09500		38	10-100	36	30	D+
MCPA	15.6	18.6	mg/kg wet	18.60		84	40-140	32	30	D+
MCPA [2C]	17.6	18.6	mg/kg wet	18.60		95	40-140	45	30	D+
MCPP	14.2	18.8	mg/kg wet	18.80		75	40-140	36	30	D+
MCPP [2C]	18.5	18.8	mg/kg wet	18.80		99	40-140	49	30	D+
Surrogate: DCAA	*22.0*		mg/kg wet	*20.00*		*110*	*30-150*			
Surrogate: DCAA [2C]	*22.4*		mg/kg wet	*20.00*		*112*	*30-150*			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC ESS Laboratory Work Order: 1603331

Notes and Definitions

Z-09	ND
XHb	Peaks found in the retention time window for MCPP did not confirm by GC/MS.
XHa	Peaks found in the retention time window for MCPA MCPP did not confirm by GC/MS.
XH	Peaks found in the retention time window for MCPA did not confirm by GC/MS.
U	Analyte included in the analysis, but not detected
P	Percent difference between primary and confirmation results exceeds 40% (P).
LC	Lower value is used due to matrix interferences (LC).
D+	Relative percent difference for duplicate is outside of criteria (D+).
D	Diluted.
CD+	Continuing Calibration %Diff/Drift is above control limit (CD+).
CD-	Continuing Calibration %Diff/Drift is below control limit (CD-).
B-	Blank Spike recovery is below lower control limit (B-).
#	Modified result
ND	Analyte NOT DETECTED at or above the MRL (LOQ), LOD for DoD Reports, MDL for J-Flagged Analytes
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
DL	Detection Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
[CALC]	Calculated Analyte
SUB	Subcontracted analysis; see attached report

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603331

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Rhode Island Potable and Non Potable Water: LAI00179
http://www.health.ri.gov/find/labs/analytical/ESS.pdf

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/OutofStateCommercialLaboratories.pdf

Maine Potable and Non Potable Water, and Solid and Hazardous Waste: RI00002
http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/documents/AllLabs.xls

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/Labcert/Labcert.aspx

New Hampshire (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 2424
http://des.nh.gov/organization/divisions/water/dwgb/nhelap/index.htm

New York (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

New Jersey (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: RI006
http://datamine2.state.nj.us/DEP_OPRA/OpraMain/pi_main?mode=pi_by_site&sort_order=PI_NAMEA&Select+a+Site:=58715

United States Department of Agriculture Soil Permit: P330-12-00139

Pennsylvania: 68-01752
http://www.depweb.state.pa.us/portal/server.pt/community/labs/13780/laboratory_accreditation_program/590095

ESS Laboratory Sample and Cooler Receipt Checklist

Client: GZA - New York, NY - GZA/CMT

Shipped/Delivered Via: ESS Courier

ESS Project ID: 1603331
Date Received: 3/14/2016
Project Due Date: 3/21/2016
Days for Project: 5 Day

1. Air bill manifest present? Yes
   Air No.: NA
2. Were custody seals present? No
3. Is radiation count <100 CPM? Yes
4. Is a Cooler Present? Yes
   Temp: 1.8 Iced with: Ice
5. Was COC signed and dated by client? Yes
6. Does COC match bottles? Yes
7. Is COC complete and correct? Yes
8. Were samples received intact? Yes
9. **Were labs informed about short holds & rushes?** Yes / No / (NA)
10. Were any analyses received outside of hold time? Yes / (No)

11. Any Subcontracting needed? Yes / (No)
    ESS Sample IDs:
    Analysis:
    TAT:
12. Were VOAs received? Yes / (No)
    a. Air bubbles in aqueous VOAs? Yes / No
    b. Does methanol cover soil completely? Yes / No / (NA)

13. Are the samples properly preserved? (Yes) / No
    a. If metals preserved upon receipt: Date: Time: By:
    b. Low Level VOAs brought to freezer: Date: Time: By:

Sample Receiving Notes:

14. Was there a need to contact Project Manager? Yes / (No)
    a. Was there a need to contact the client? Yes / No
    Who was contacted? Date: Time: By:

Sample Number	Container ID	Proper Container	Air Bubbles Present	Sufficient Volume	Container Type	Preservative	Record pH (Cyanide and 608 Pesticides)
01	16940	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
02	16939	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
03	16938	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
04	16937	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
05	16936	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
06	16935	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
07	16934	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
08	16933	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
09	16932	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
10	16931	Yes	NA	Yes	8 oz. Jar - Unpres	NP	

2nd Review
Are barcode labels on correct containers? (Yes) / No

Completed By: Date & Time: 3/14/16 1830
Reviewed By: Date & Time: 3/14/16 1940

ESS Laboratory

Division of Thielsch Engineering, Inc.

185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

ESS Lab # 16033331

Turn Time X Standard Other_____

Regulatory State: MA RI CT NH NJ (NY) ME Other_____

Is this project for any of the following:(please circle)
MA-MCP Navy USACE CT DEP Other_____

Reporting Limits - _____

Electonic Deliverables Excel Access PDF

Co. Name: GZA GEOENVIRONMENTAL	Project #: 41.0162403.00	Project Name: HAMPSHIRE CC	
Contact Person: STEPHEN KLINE	Address: 104 W. 29th STREET		
City: NEW YORK	State: NY	Zip: 10001	PO #:
Tel: 212-594-8140	Fax:	email: STEPHEN.KLINE@GZA.COM	

ESS Lab ID	Date	Collection Time	Grab -G Composite-C	Matrix	Sample ID	Pres Code	# of Containers	Type of Container	Vol of Container	Analysis: VOA	PCB	Pest	Herb
1	3/14/16	9:00	G	SEDIMENT	SED-01	NONE	1	AG	8 oz	X	X	X	
2	"	9:10	"	"	SED-02	"	1	"	"	X	X	X	
3	"	9:50	"	"	SED-03	"	1	"	"	X	X	X	
4	"	10:15	"	"	SED-04	"	1	"	"	X	X	X	
5	"	10:30	"	"	SED-05	"	1	"	"	X	X	X	
6	"	10:40	"	"	SED-06	"	1	"	"	X	X	X	
7	"	11:00	"	"	SS-01(0-6)	"	1	"	"	X	X	X	
8	"	11:00	"	"	SS-01(18-24)	"	1	"	"	X	X	X	
9	"	11:15 JC	"	"	SS-02(0-6)	"	1	"	"	X	X	X	
10	"	11:15	"	"	SS-02(18-24)	"	1	"	"	X	X	X	

Container Type: P-Poly G-Glass AG-Amber Glass S-Sterile V-VOA

Matrix: S-Soil SD-Solid D-Sludge WW-Wastewater GW-Groundwater SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filter

Cooler Present ✓ Yes ____No

Seals Intact ____ Yes ____No NA: X

Cooler Temperature: 1.8 ice RB

Internal Use Only

[4 Pickup

[ ] Technician___

Preservation Code: 1-NP, 2-HCl, 3-H2SO4, 4-HNO3, 5-NaOH, 6-MeOH, 7-Asorbic Acid, 8-ZnAct, 9-_____

Sampled by : JAMES COLONY

Comments:

Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)
3/14/16 10:45	3/14/16 14:48	3/14/16 18:08	3K1602820
Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)

* By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VIIA

Please fax to the laboratory all changes to Chain of Custody

1 (White) Lab Copy
2 (Yellow) Client Receipt

CERTIFICATE OF ANALYSIS

Stephen Kline
GZA GeoEnvironmental, Inc.
104 West 29th Street, 10th Floor
New York, NY 10001

RE: Hampshire CC (41.0162403.00)
ESS Laboratory Work Order Number: 1603332

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Laurel Stoddard
Laboratory Director

REVIEWED
By ESS Laboratory at 2:49 pm, Mar 25, 2016

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

The test results present in this report are in compliance with NELAC Standards, A2LA and/or client Quality Assurance Project Plans (QAPP). The laboratory has reviewed the following: Sample Preservations, Hold Times, Initial Calibrations, Continuing Calibrations, Method Blanks, Blank Spikes, Blank Spike Duplicates, Duplicates, Matrix Spikes, Matrix Spike Duplicates, Surrogates and Internal Standards. Any results which were found to be outside of the recommended ranges stated in our SOPs will be noted in the Project Narrative.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

SAMPLE RECEIPT

The following samples were received on March 14, 2016 for the analyses specified on the enclosed Chain of Custody Record.

Lab Number	Sample Name	Matrix	Analysis
1603332-01	SS-03 0-6	Soil	6010C, 8081B, 8151A
1603332-02	SS-03 18-24	Soil	6010C, 8081B, 8151A
1603332-03	SS-04 0-6	Soil	6010C, 8081B, 8151A
1603332-04	SS-04 18-24	Soil	6010C, 8081B, 8151A
1603332-05	SS-05 0-6	Soil	6010C, 8081B, 8151A
1603332-06	SS-05 18-24	Soil	6010C, 8081B, 8151A
1603332-07	SS-06 0-6	Soil	6010C, 8081B, 8151A
1603332-08	SS-06 18-24	Soil	6010C, 8081B, 8151A
1603332-09	SS-07 0-6	Soil	6010C, 8081B, 8151A
1603332-10	SS-07 18-24	Soil	6010C, 8081B, 8151A
1603332-11	SS-08 0-6	Soil	6010C, 8081B, 8151A
1603332-12	SS-08 18-24	Soil	6010C, 8081B, 8151A
1603332-13	SS-09 0-6	Soil	6010C, 8081B, 8151A
1603332-14	SS-09 18-24	Soil	6010C, 8081B, 8151A

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

PROJECT NARRATIVE

8081B Organochlorine Pesticides

1603332-03	**Lower value is used due to matrix interferences (LC).** alpha-Chlordane [2C]
1603332-03	**Percent difference between primary and confirmation results exceeds 40% (P).** alpha-Chlordane [2C]
1603332-05	**Lower value is used due to matrix interferences (LC).** 4,4´-DDT
1603332-05	**Percent difference between primary and confirmation results exceeds 40% (P).** 4,4´-DDT
1603332-06	**Lower value is used due to matrix interferences (LC).** alpha-Chlordane
1603332-06	**Percent difference between primary and confirmation results exceeds 40% (P).** alpha-Chlordane , Dieldrin
1603332-07	**Percent difference between primary and confirmation results exceeds 40% (P).** alpha-Chlordane , delta-BHC
1603332-08	**Lower value is used due to matrix interferences (LC).** 4,4´-DDD , Endrin
1603332-08	**Percent difference between primary and confirmation results exceeds 40% (P).** 4,4´-DDD , delta-BHC , Endrin
1603332-09	**Lower value is used due to matrix interferences (LC).** 4,4´-DDD , gamma-Chlordane , Heptachlor Epoxide [2C]
1603332-09	**Percent difference between primary and confirmation results exceeds 40% (P).** 4,4´-DDD , alpha-Chlordane , gamma-Chlordane , Heptachlor Epoxide [2C]
1603332-11	**Percent difference between primary and confirmation results exceeds 40% (P).** 4,4´-DDD [2C] , gamma-Chlordane [2C]
CZC0278-CCV1	**Continuing Calibration %Diff/Drift is above control limit (CD+).** Methoxychlor [2C] (22% @ 20%)
CZC0278-CCV2	**Continuing Calibration %Diff/Drift is above control limit (CD+).** Methoxychlor [2C] (25% @ 20%)
CZC0278-CCV4	**Continuing Calibration %Diff/Drift is above control limit (CD+).** Methoxychlor [2C] (39% @ 20%)
CZC0278-CCV6	**Continuing Calibration %Diff/Drift is above control limit (CD+).** Methoxychlor [2C] (27% @ 20%)
CZC0317-CCV9	**Continuing Calibration %Diff/Drift is below control limit (CD-).** 4,4´-DDD (31% @ 20%), 4,4´-DDE (23% @ 20%), 4,4´-DDT (30% @ 20%), alpha-Chlordane (27% @ 20%), Decachlorobiphenyl (35% @ 20%), Dieldrin (30% @ 20%), Endosulfan I (30% @ 20%), Endosulfan II (33% @ 20%), Endosulfan Sulfate (33% @ 20%), Endrin (30% @ 20%), Endrin Aldehyde (32% @ 20%), Endrin Ketone (35% @ 20%), gamma-Chlordane (27% @ 20%), Heptachlor Epoxide (24% @ 20%), Methoxychlor (29% @ 20%)
CZC0317-CCVA	**Continuing Calibration %Diff/Drift is below control limit (CD-).** Decachlorobiphenyl (28% @ 20%)

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

8151A Chlorinated Herbicides

CC61542-BS1 **Blank Spike recovery is below lower control limit (B-).**
Dalapon (33% @ 40-140%), Dalapon [2C] (33% @ 40-140%)

CC61542-BSD1 **Blank Spike recovery is below lower control limit (B-).**
Dalapon (29% @ 40-140%), Dalapon [2C] (30% @ 40-140%), Dinoseb [2C] (% @ 10-100%)

CC61542-BSD1 **Relative percent difference for duplicate is outside of criteria (D+).**
Dinoseb [2C] (200% @ 30%)

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

CURRENT SW-846 METHODOLOGY VERSIONS

Analytical Methods

1010A - Flashpoint
6010C - ICP
6020A - ICP MS
7010 - Graphite Furnace
7196A - Hexavalent Chromium
7470A - Aqueous Mercury
7471B - Solid Mercury
8011 - EDB/DBCP/TCP
8015D - GRO/DRO
8081B - Pesticides
8082A - PCB
8100M - TPH
8151A - Herbicides
8260B - VOA
8270D - SVOA
8270D SIM - SVOA Low Level
9014 - Cyanide
9038 - Sulfate
9040C - Aqueous pH
9045D - Solid pH (Corrosivity)
9050A - Specific Conductance
9056A - Anions (IC)
9060A - TOC
9095B - Paint Filter
MADEP 04-1.1 - EPH / VPH

Prep Methods

3005A - Aqueous ICP Digestion
3020A - Aqueous Graphite Furnace / ICP MS Digestion
3050B - Solid ICP / Graphite Furnace / ICP MS Digestion
3060A - Solid Hexavalent Chromium Digestion
3510C - Separatory Funnel Extraction
3520C - Liquid / Liquid Extraction
3540C - Manual Soxhlet Extraction
3541 - Automated Soxhlet Extraction
3546 - Microwave Extraction
3580A - Waste Dilution
5030B - Aqueous Purge and Trap
5030C - Aqueous Purge and Trap
5035 - Solid Purge and Trap

SW846 Reactivity Methods 7.3.3.2 (Reactive Cyanide) and 7.3.4.1 (Reactive Sulfide) have been withdrawn by EPA. These methods are reported per client request and are not NELAP accredited.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-03 0-6
Date Sampled: 03/14/16 11:35
Percent Solids: 44

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-01
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**7.73** (5.42)		6010C		1	KJK	03/17/16 0:50	2.09	100	CC61503
Lead	**67.2** (10.8)		6010C		1	KJK	03/17/16 0:50	2.09	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-03 0-6
Date Sampled: 03/14/16 11:35
Percent Solids: 44
Initial Volume: 19.8
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.0087** (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
4,4´-DDE [2C]	**0.0107** (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
4,4´-DDT	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Aldrin	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
alpha-BHC	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
alpha-Chlordane [2C]	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
beta-BHC	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Chlordane (Total)	ND (0.0687)		8081B		1	03/17/16 4:16	CZC0278	CC62410
delta-BHC	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Dieldrin	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Endosulfan I	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Endosulfan II	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Endrin	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Endrin Aldehyde	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Endrin Ketone	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0034)		8081B		1	03/17/16 4:16	CZC0278	CC62410
gamma-Chlordane	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Heptachlor	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Heptachlor Epoxide	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Hexachlorobenzene	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Methoxychlor	ND (0.0057)		8081B		1	03/17/16 4:16	CZC0278	CC62410
Toxaphene	ND (0.286)		8081B		1	03/17/16 4:16	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*49 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*51 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*41 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*51 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-03 0-6
Date Sampled: 03/14/16 11:35
Percent Solids: 44
Initial Volume: 10.5
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.021)		8151A		1	03/21/16 13:55	CZC0356	CC61542
2,4,5-TP (Silvex)	ND (0.021)		8151A		1	03/21/16 13:55	CZC0356	CC61542
2,4-D	ND (0.406)		8151A		1	03/21/16 13:55	CZC0356	CC61542
2,4-DB	ND (0.410)		8151A		1	03/21/16 13:55	CZC0356	CC61542
Dalapon	ND (0.393)		8151A		1	03/21/16 13:55	CZC0356	CC61542
Dicamba [2C]	ND (0.020)		8151A		1	03/21/16 13:55	CZC0356	CC61542
Dichlorprop	ND (0.406)		8151A		1	03/21/16 13:55	CZC0356	CC61542
Dinoseb	ND (0.410)		8151A		1	03/21/16 13:55	CZC0356	CC61542
MCPA	ND (40.2)		8151A		1	03/21/16 13:55	CZC0356	CC61542
MCPP	ND (40.6)		8151A		1	03/21/16 13:55	CZC0356	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*54 %*		*30-150*
Surrogate: DCAA [2C]	*45 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-03 18-24
Date Sampled: 03/14/16 11:45
Percent Solids: 27

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-02
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	ND (6.28)		6010C		1	KJK	03/17/16 0:54	2.9	100	CC61503
Lead	**38.7** (12.6)		6010C		1	KJK	03/17/16 0:54	2.9	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-03 18-24
Date Sampled: 03/14/16 11:45
Percent Solids: 27
Initial Volume: 19.6
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-02
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
4,4´-DDE	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
4,4´-DDT	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Aldrin	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
alpha-BHC	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
alpha-Chlordane	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
beta-BHC	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Chlordane (Total)	ND (0.111)		8081B		1	03/17/16 4:49	CZC0278	CC62410
delta-BHC	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Dieldrin	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Endosulfan I	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Endosulfan II	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Endrin	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Endrin Aldehyde	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Endrin Ketone	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0056)		8081B		1	03/17/16 4:49	CZC0278	CC62410
gamma-Chlordane	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Heptachlor	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Heptachlor Epoxide	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Hexachlorobenzene	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Methoxychlor	ND (0.0093)		8081B		1	03/17/16 4:49	CZC0278	CC62410
Toxaphene	ND (0.464)		8081B		1	03/17/16 4:49	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*50 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*58 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*45 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*47 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-03 18-24
Date Sampled: 03/14/16 11:45
Percent Solids: 27
Initial Volume: 10.3
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-02
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.034)		8151A		1	03/17/16 18:52	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.034)		8151A		1	03/17/16 18:52	CZC0298	CC61542
2,4-D	ND (0.665)		8151A		1	03/17/16 18:52	CZC0298	CC61542
2,4-DB	ND (0.672)		8151A		1	03/17/16 18:52	CZC0298	CC61542
Dalapon	ND (0.643)		8151A		1	03/17/16 18:52	CZC0298	CC61542
Dicamba	ND (0.033)		8151A		1	03/17/16 18:52	CZC0298	CC61542
Dichlorprop	ND (0.665)		8151A		1	03/17/16 18:52	CZC0298	CC61542
Dinoseb	ND (0.672)		8151A		1	03/17/16 18:52	CZC0298	CC61542
MCPA	ND (65.8)		8151A		1	03/17/16 18:52	CZC0298	CC61542
MCPP	ND (66.5)		8151A		1	03/17/16 18:52	CZC0298	CC61542

	%Recovery	*Qualifier*	*Limits*
Surrogate: DCAA	*82 %*		*30-150*
Surrogate: DCAA [2C]	*53 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-04 0-6
Date Sampled: 03/14/16 12:00
Percent Solids: 80

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-03
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**6.55** (2.32)		6010C		1	KJK	03/17/16 0:58	2.68	100	CC61503
Lead	**126** (4.65)		6010C		1	KJK	03/17/16 0:58	2.68	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-04 0-6
Date Sampled: 03/14/16 12:00
Percent Solids: 80
Initial Volume: 19.1
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-03
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	**0.0063** (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
4,4´-DDE	**0.0804** (0.0163)		8081B		5	03/19/16 1:43	CZC0278	CC62410
4,4´-DDT [2C]	**0.0331** (0.0163)		8081B		5	03/19/16 1:43	CZC0278	CC62410
Aldrin	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
alpha-BHC	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
alpha-Chlordane [2C]	**LC, P 0.0066** (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
beta-BHC	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Chlordane (Total)	ND (0.0391)		8081B		1	03/17/16 5:23	CZC0278	CC62410
delta-BHC	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Dieldrin	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Endosulfan I	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Endosulfan II	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Endrin	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Endrin Aldehyde	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Endrin Ketone	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0020)		8081B		1	03/17/16 5:23	CZC0278	CC62410
gamma-Chlordane [2C]	**0.0052** (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Heptachlor	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Heptachlor Epoxide	**0.0047** (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Hexachlorobenzene	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Methoxychlor	ND (0.0033)		8081B		1	03/17/16 5:23	CZC0278	CC62410
Toxaphene	ND (0.163)		8081B		1	03/17/16 5:23	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*81 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*91 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*73 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*60 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-04 0-6
Date Sampled: 03/14/16 12:00
Percent Solids: 80
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-03
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/17/16 19:21	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/17/16 19:21	CZC0298	CC61542
2,4-D	ND (0.232)		8151A		1	03/17/16 19:21	CZC0298	CC61542
2,4-DB	ND (0.234)		8151A		1	03/17/16 19:21	CZC0298	CC61542
Dalapon	ND (0.224)		8151A		1	03/17/16 19:21	CZC0298	CC61542
Dicamba	ND (0.012)		8151A		1	03/17/16 19:21	CZC0298	CC61542
Dichlorprop	ND (0.232)		8151A		1	03/17/16 19:21	CZC0298	CC61542
Dinoseb	ND (0.234)		8151A		1	03/17/16 19:21	CZC0298	CC61542
MCPA	ND (22.9)		8151A		1	03/17/16 19:21	CZC0298	CC61542
MCPP	ND (23.2)		8151A		1	03/17/16 19:21	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*74 %*		*30-150*
Surrogate: DCAA [2C]	*70 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-04 18-24
Date Sampled: 03/14/16 12:10
Percent Solids: 89

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-04
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**4.45** (2.66)		6010C		1	KJK	03/17/16 1:02	2.11	100	CC61503
Lead	**9.44** (5.32)		6010C		1	KJK	03/17/16 1:02	2.11	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-04 18-24
Date Sampled: 03/14/16 12:10
Percent Solids: 89
Initial Volume: 20.9
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-04
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
4,4´-DDE [2C]	**0.0217** (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
4,4´-DDT [2C]	**0.0225** (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Aldrin	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
alpha-BHC	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
alpha-Chlordane [2C]	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
beta-BHC	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Chlordane (Total)	ND (0.0322)		8081B		1	03/17/16 5:56	CZC0278	CC62410
delta-BHC	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Dieldrin	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Endosulfan I	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Endosulfan II	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Endrin	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Endrin Aldehyde	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Endrin Ketone	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0016)		8081B		1	03/17/16 5:56	CZC0278	CC62410
gamma-Chlordane	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Heptachlor	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Heptachlor Epoxide	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Hexachlorobenzene	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Methoxychlor	ND (0.0027)		8081B		1	03/17/16 5:56	CZC0278	CC62410
Toxaphene	ND (0.134)		8081B		1	03/17/16 5:56	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*81 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*88 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*81 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*66 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-04 18-24
Date Sampled: 03/14/16 12:10
Percent Solids: 89
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-04
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/17/16 19:49	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/17/16 19:49	CZC0298	CC61542
2,4-D	ND (0.209)		8151A		1	03/17/16 19:49	CZC0298	CC61542
2,4-DB	ND (0.211)		8151A		1	03/17/16 19:49	CZC0298	CC61542
Dalapon	ND (0.202)		8151A		1	03/17/16 19:49	CZC0298	CC61542
Dicamba	ND (0.010)		8151A		1	03/17/16 19:49	CZC0298	CC61542
Dichlorprop	ND (0.209)		8151A		1	03/17/16 19:49	CZC0298	CC61542
Dinoseb	ND (0.211)		8151A		1	03/17/16 19:49	CZC0298	CC61542
MCPA	ND (20.7)		8151A		1	03/17/16 19:49	CZC0298	CC61542
MCPP	ND (20.9)		8151A		1	03/17/16 19:49	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*69 %*		*30-150*
Surrogate: DCAA [2C]	*54 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-05 0-6
Date Sampled: 03/14/16 12:20
Percent Solids: 32

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-05
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**9.10** (7.14)		6010C		1	KJK	03/17/16 1:06	2.21	100	CC61503
Lead	**44.3** (14.3)		6010C		1	KJK	03/17/16 1:06	2.21	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-05 0-6
Date Sampled: 03/14/16 12:20
Percent Solids: 32
Initial Volume: 19.2
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-05
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
4,4´-DDE	**0.0264** (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
4,4´-DDT	**LC, P 0.0106** (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Aldrin	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
alpha-BHC	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
alpha-Chlordane	**0.0112** (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
beta-BHC	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Chlordane (Total)	ND (0.0986)		8081B		1	03/17/16 6:29	CZC0278	CC62410
delta-BHC	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Dieldrin	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Endosulfan I	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Endosulfan II	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Endrin	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Endrin Aldehyde	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Endrin Ketone	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0049)		8081B		1	03/17/16 6:29	CZC0278	CC62410
gamma-Chlordane	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Heptachlor	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Heptachlor Epoxide	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Hexachlorobenzene	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Methoxychlor	ND (0.0082)		8081B		1	03/17/16 6:29	CZC0278	CC62410
Toxaphene	ND (0.411)		8081B		1	03/17/16 6:29	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*64 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*122 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*58 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*116 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-05 0-6
Date Sampled: 03/14/16 12:20
Percent Solids: 32
Initial Volume: 10.2
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-05
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.029)		8151A		1	03/17/16 21:42	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.029)		8151A		1	03/17/16 21:42	CZC0298	CC61542
2,4-D	ND (0.582)		8151A		1	03/17/16 21:42	CZC0298	CC61542
2,4-DB	ND (0.588)		8151A		1	03/17/16 21:42	CZC0298	CC61542
Dalapon	ND (0.563)		8151A		1	03/17/16 21:42	CZC0298	CC61542
Dicamba	ND (0.029)		8151A		1	03/17/16 21:42	CZC0298	CC61542
Dichlorprop	ND (0.582)		8151A		1	03/17/16 21:42	CZC0298	CC61542
Dinoseb	ND (0.588)		8151A		1	03/17/16 21:42	CZC0298	CC61542
MCPA	ND (57.5)		8151A		1	03/17/16 21:42	CZC0298	CC61542
MCPP	ND (58.2)		8151A		1	03/17/16 21:42	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*87 %*		*30-150*
Surrogate: DCAA [2C]	*63 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-05 18-24
Date Sampled: 03/14/16 12:30
Percent Solids: 65

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-06
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**11.7** (3.85)		6010C		1	KJK	03/17/16 1:10	2	100	CC61503
Lead	**123** (7.70)		6010C		1	KJK	03/17/16 1:10	2	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-05 18-24
Date Sampled: 03/14/16 12:30
Percent Solids: 65
Initial Volume: 19.5
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-06
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.0134** (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
4,4´-DDE	**0.282** (0.0395)		8081B		10	03/19/16 2:16	CZC0278	CC62410
4,4´-DDT [2C]	**0.382** (0.0789)		8081B		20	03/19/16 2:49	CZC0278	CC62410
Aldrin	ND (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
alpha-BHC	**0.0137** (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
alpha-Chlordane	**LC, P 0.0099** (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
beta-BHC [2C]	**0.0359** (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Chlordane (Total)	ND (0.0474)		8081B		1	03/17/16 7:02	CZC0278	CC62410
delta-BHC	**0.0551** (0.0395)		8081B		10	03/19/16 2:16	CZC0278	CC62410
Dieldrin	**P 0.0175** (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Endosulfan I	ND (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Endosulfan II	ND (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Endrin	ND (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Endrin Aldehyde	ND (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Endrin Ketone	ND (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
gamma-BHC (Lindane)	**0.0672** (0.0237)		8081B		10	03/19/16 2:16	CZC0278	CC62410
gamma-Chlordane	ND (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Heptachlor	ND (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Heptachlor Epoxide [2C]	**0.0045** (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Hexachlorobenzene	ND (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Methoxychlor	ND (0.0039)		8081B		1	03/17/16 7:02	CZC0278	CC62410
Toxaphene	ND (0.197)		8081B		1	03/17/16 7:02	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*80 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*111 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*73 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*69 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-05 18-24
Date Sampled: 03/14/16 12:30
Percent Solids: 65
Initial Volume: 10.5
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-06
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.014)		8151A		1	03/17/16 22:11	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.014)		8151A		1	03/17/16 22:11	CZC0298	CC61542
2,4-D	ND (0.276)		8151A		1	03/17/16 22:11	CZC0298	CC61542
2,4-DB	ND (0.279)		8151A		1	03/17/16 22:11	CZC0298	CC61542
Dalapon	ND (0.267)		8151A		1	03/17/16 22:11	CZC0298	CC61542
Dicamba	ND (0.014)		8151A		1	03/17/16 22:11	CZC0298	CC61542
Dichlorprop	ND (0.276)		8151A		1	03/17/16 22:11	CZC0298	CC61542
Dinoseb	ND (0.279)		8151A		1	03/17/16 22:11	CZC0298	CC61542
MCPA	ND (27.3)		8151A		1	03/17/16 22:11	CZC0298	CC61542
MCPP	ND (27.6)		8151A		1	03/17/16 22:11	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*77 %*		*30-150*
Surrogate: DCAA [2C]	*75 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-06 0-6
Date Sampled: 03/14/16 12:40
Percent Solids: 74

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-07
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**13.1** (2.92)		6010C		1	KJK	03/17/16 1:27	2.32	100	CC61503
Lead	**89.8** (5.83)		6010C		1	KJK	03/17/16 1:27	2.32	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-06 0-6
Date Sampled: 03/14/16 12:40
Percent Solids: 74
Initial Volume: 19.6
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-07
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
4,4´-DDE	**0.0991** (0.0173)		8081B		5	03/19/16 3:22	CZC0278	CC62410
4,4´-DDT [2C]	**0.0911** (0.0173)		8081B		5	03/19/16 3:22	CZC0278	CC62410
Aldrin [2C]	**0.0096** (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
alpha-BHC	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
alpha-Chlordane	**P 0.102** (0.0173)		8081B		5	03/19/16 3:22	CZC0278	CC62410
beta-BHC [2C]	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
Chlordane (Total) [2C]	**0.354** (0.207)		8081B		5	03/19/16 3:22	CZC0278	CC62410
delta-BHC	**P 0.0152** (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
Dieldrin [2C]	**0.162** (0.0173)		8081B		5	03/19/16 3:22	CZC0278	CC62410
Endosulfan I	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
Endosulfan II	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
Endrin	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
Endrin Aldehyde	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
Endrin Ketone	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0021)		8081B		1	03/17/16 7:35	CZC0278	CC62410
gamma-Chlordane	**0.0514** (0.0173)		8081B		5	03/19/16 3:22	CZC0278	CC62410
Heptachlor	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
Heptachlor Epoxide	**0.0094** (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
Hexachlorobenzene	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
Methoxychlor	ND (0.0035)		8081B		1	03/17/16 7:35	CZC0278	CC62410
Toxaphene	ND (0.173)		8081B		1	03/17/16 7:35	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*85 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*116 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*81 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*70 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-06 0-6
Date Sampled: 03/14/16 12:40
Percent Solids: 74
Initial Volume: 10
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-07
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.013)		8151A		1	03/17/16 22:39	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.013)		8151A		1	03/17/16 22:39	CZC0298	CC61542
2,4-D	ND (0.254)		8151A		1	03/17/16 22:39	CZC0298	CC61542
2,4-DB	ND (0.257)		8151A		1	03/17/16 22:39	CZC0298	CC61542
Dalapon	ND (0.246)		8151A		1	03/17/16 22:39	CZC0298	CC61542
Dicamba	ND (0.013)		8151A		1	03/17/16 22:39	CZC0298	CC61542
Dichlorprop	ND (0.254)		8151A		1	03/17/16 22:39	CZC0298	CC61542
Dinoseb	ND (0.257)		8151A		1	03/17/16 22:39	CZC0298	CC61542
MCPA	ND (25.2)		8151A		1	03/17/16 22:39	CZC0298	CC61542
MCPP	ND (25.4)		8151A		1	03/17/16 22:39	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*75 %*		*30-150*
Surrogate: DCAA [2C]	*66 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-06 18-24
Date Sampled: 03/14/16 12:50
Percent Solids: 79

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-08
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**15.0** (2.98)		6010C		1	KJK	03/17/16 1:47	2.12	100	CC61503
Lead	**80.4** (5.96)		6010C		1	KJK	03/17/16 1:47	2.12	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-06 18-24
Date Sampled: 03/14/16 12:50
Percent Solids: 79
Initial Volume: 20.5
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-08
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	**LC, P 0.0075** (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
4,4´-DDE	**0.231** (0.0308)		8081B		10	03/19/16 5:02	CZC0278	CC62410
4,4´-DDT [2C]	**0.210** (0.0308)		8081B		10	03/19/16 5:02	CZC0278	CC62410
Aldrin [2C]	**0.0301** (0.0154)		8081B		5	03/19/16 4:29	CZC0278	CC62410
alpha-BHC	ND (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
alpha-Chlordane	**0.143** (0.0154)		8081B		5	03/19/16 4:29	CZC0278	CC62410
beta-BHC [2C]	ND (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
Chlordane (Total) [2C]	**0.661** (0.185)		8081B		5	03/19/16 4:29	CZC0278	CC62410
delta-BHC	**P 0.0199** (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
Dieldrin	**0.433** (0.154)		8081B		50	03/19/16 8:21	CZC0278	CC62410
Endosulfan I	ND (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
Endosulfan II	ND (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
Endrin	**LC, P 0.0058** (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
Endrin Aldehyde	ND (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
Endrin Ketone [2C]	**0.0089** (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0019)		8081B		1	03/17/16 8:08	CZC0278	CC62410
gamma-Chlordane [2C]	**0.0955** (0.0154)		8081B		5	03/19/16 4:29	CZC0278	CC62410
Heptachlor	ND (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
Heptachlor Epoxide	**0.0110** (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
Hexachlorobenzene	ND (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
Methoxychlor	ND (0.0031)		8081B		1	03/17/16 8:08	CZC0278	CC62410
Toxaphene	ND (0.154)		8081B		1	03/17/16 8:08	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*83 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*102 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*81 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*68 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-06 18-24
Date Sampled: 03/14/16 12:50
Percent Solids: 79
Initial Volume: 10.3
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-08
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/17/16 23:07	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/17/16 23:07	CZC0298	CC61542
2,4-D	ND (0.231)		8151A		1	03/17/16 23:07	CZC0298	CC61542
2,4-DB	ND (0.233)		8151A		1	03/17/16 23:07	CZC0298	CC61542
Dalapon	ND (0.223)		8151A		1	03/17/16 23:07	CZC0298	CC61542
Dicamba	ND (0.012)		8151A		1	03/17/16 23:07	CZC0298	CC61542
Dichlorprop	ND (0.231)		8151A		1	03/17/16 23:07	CZC0298	CC61542
Dinoseb	ND (0.233)		8151A		1	03/17/16 23:07	CZC0298	CC61542
MCPA	ND (22.8)		8151A		1	03/17/16 23:07	CZC0298	CC61542
MCPP	ND (23.1)		8151A		1	03/17/16 23:07	CZC0298	CC61542

	%Recovery	*Qualifier*	*Limits*
Surrogate: DCAA	*69 %*		*30-150*
Surrogate: DCAA [2C]	*69 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-07 0-6
Date Sampled: 03/14/16 13:00
Percent Solids: 80

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-09
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**55.7** (3.00)		6010C		1	KJK	03/17/16 1:51	2.08	100	CC61503
Lead	**189** (6.00)		6010C		1	KJK	03/17/16 1:51	2.08	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-07 0-6
Date Sampled: 03/14/16 13:00
Percent Solids: 80
Initial Volume: 20.6
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-09
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	**LC, P 0.0959** (0.0151)		8081B		5	03/19/16 8:54	CZC0278	CC62410
4,4´-DDE	**4.10** (0.757)		8081B		250	03/19/16 10:00	CZC0278	CC62410
4,4´-DDT [2C]	**4.11** (0.757)		8081B		250	03/19/16 10:00	CZC0278	CC62410
Aldrin	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
alpha-BHC	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
alpha-Chlordane	**P 0.0630** (0.0151)		8081B		5	03/19/16 8:54	CZC0278	CC62410
beta-BHC	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Chlordane (Total) [2C]	**0.463** (0.182)		8081B		5	03/19/16 8:54	CZC0278	CC62410
delta-BHC	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Dieldrin	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Endosulfan I	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Endosulfan II	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Endrin	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Endrin Aldehyde	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Endrin Ketone	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/17/16 8:41	CZC0278	CC62410
gamma-Chlordane	**LC, P 0.0083** (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Heptachlor	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Heptachlor Epoxide [2C]	**LC, P 0.0223** (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Hexachlorobenzene [2C]	**0.0141** (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Methoxychlor	ND (0.0030)		8081B		1	03/17/16 8:41	CZC0278	CC62410
Toxaphene	ND (0.151)		8081B		1	03/17/16 8:41	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*68 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*86 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*57 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*49 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-07 0-6
Date Sampled: 03/14/16 13:00
Percent Solids: 80
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-09
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/17/16 23:36	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/17/16 23:36	CZC0298	CC61542
2,4-D	ND (0.232)		8151A		1	03/17/16 23:36	CZC0298	CC61542
2,4-DB	ND (0.235)		8151A		1	03/17/16 23:36	CZC0298	CC61542
Dalapon	ND (0.225)		8151A		1	03/17/16 23:36	CZC0298	CC61542
Dicamba	ND (0.012)		8151A		1	03/17/16 23:36	CZC0298	CC61542
Dichlorprop	ND (0.232)		8151A		1	03/17/16 23:36	CZC0298	CC61542
Dinoseb	ND (0.235)		8151A		1	03/17/16 23:36	CZC0298	CC61542
MCPA	ND (23.0)		8151A		1	03/17/16 23:36	CZC0298	CC61542
MCPP	ND (23.2)		8151A		1	03/17/16 23:36	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*62 %*		*30-150*
Surrogate: DCAA [2C]	*70 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-07 18-24
Date Sampled: 03/14/16 13:10
Percent Solids: 83

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-10
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**8.28** (2.76)		6010C		1	KJK	03/17/16 1:55	2.19	100	CC61503
Lead	**23.1** (5.53)		6010C		1	KJK	03/17/16 1:55	2.19	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-07 18-24
Date Sampled: 03/14/16 13:10
Percent Solids: 83
Initial Volume: 20
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-10
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
4,4´-DDE	**0.111** (0.0151)		8081B		5	03/19/16 10:34	CZC0278	CC62410
4,4´-DDT [2C]	**0.0664** (0.0151)		8081B		5	03/19/16 10:34	CZC0278	CC62410
Aldrin	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
alpha-BHC	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
alpha-Chlordane	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
beta-BHC	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Chlordane (Total)	ND (0.0363)		8081B		1	03/17/16 9:14	CZC0278	CC62410
delta-BHC	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Dieldrin	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Endosulfan I	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Endosulfan II	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Endrin	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Endrin Aldehyde	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Endrin Ketone	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/17/16 9:14	CZC0278	CC62410
gamma-Chlordane	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Heptachlor	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Heptachlor Epoxide	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Hexachlorobenzene	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Methoxychlor	ND (0.0030)		8081B		1	03/17/16 9:14	CZC0278	CC62410
Toxaphene	ND (0.151)		8081B		1	03/17/16 9:14	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*100 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*96 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*82 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*63 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-07 18-24
Date Sampled: 03/14/16 13:10
Percent Solids: 83
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-10
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/18/16 0:04	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/18/16 0:04	CZC0298	CC61542
2,4-D	ND (0.225)		8151A		1	03/18/16 0:04	CZC0298	CC61542
2,4-DB	ND (0.228)		8151A		1	03/18/16 0:04	CZC0298	CC61542
Dalapon	ND (0.218)		8151A		1	03/18/16 0:04	CZC0298	CC61542
Dicamba	ND (0.011)		8151A		1	03/18/16 0:04	CZC0298	CC61542
Dichlorprop	ND (0.225)		8151A		1	03/18/16 0:04	CZC0298	CC61542
Dinoseb	ND (0.228)		8151A		1	03/18/16 0:04	CZC0298	CC61542
MCPA	ND (22.3)		8151A		1	03/18/16 0:04	CZC0298	CC61542
MCPP	ND (22.5)		8151A		1	03/18/16 0:04	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*86 %*		*30-150*
Surrogate: DCAA [2C]	*96 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-08 0-6
Date Sampled: 03/14/16 13:25
Percent Solids: 78

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-11
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**4.41** (3.17)		6010C		1	KJK	03/17/16 1:59	2.02	100	CC61503
Lead	**52.7** (6.34)		6010C		1	KJK	03/17/16 1:59	2.02	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-08 0-6
Date Sampled: 03/14/16 13:25
Percent Solids: 78
Initial Volume: 20.9
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-11
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**P 0.0226** (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
4,4´-DDE	**0.0796** (0.0153)		8081B		5	03/19/16 11:07	CZC0278	CC62410
4,4´-DDT [2C]	**0.0131** (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Aldrin	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
alpha-BHC	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
alpha-Chlordane	**0.0300** (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
beta-BHC	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Chlordane (Total) [2C]	**0.103** (0.0367)		8081B		1	03/17/16 9:47	CZC0278	CC62410
delta-BHC	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Dieldrin	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Endosulfan I	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Endosulfan II	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Endrin	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Endrin Aldehyde	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Endrin Ketone	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/17/16 9:47	CZC0278	CC62410
gamma-Chlordane [2C]	**P 0.0190** (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Heptachlor	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Heptachlor Epoxide [2C]	**0.0040** (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Hexachlorobenzene	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Methoxychlor	ND (0.0031)		8081B		1	03/17/16 9:47	CZC0278	CC62410
Toxaphene	ND (0.153)		8081B		1	03/17/16 9:47	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*60 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*68 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*65 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*54 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-08 0-6
Date Sampled: 03/14/16 13:25
Percent Solids: 78
Initial Volume: 10
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-11
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/18/16 0:32	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/18/16 0:32	CZC0298	CC61542
2,4-D	ND (0.241)		8151A		1	03/18/16 0:32	CZC0298	CC61542
2,4-DB	ND (0.243)		8151A		1	03/18/16 0:32	CZC0298	CC61542
Dalapon	ND (0.233)		8151A		1	03/18/16 0:32	CZC0298	CC61542
Dicamba	ND (0.012)		8151A		1	03/18/16 0:32	CZC0298	CC61542
Dichlorprop	ND (0.241)		8151A		1	03/18/16 0:32	CZC0298	CC61542
Dinoseb	ND (0.243)		8151A		1	03/18/16 0:32	CZC0298	CC61542
MCPA	ND (23.8)		8151A		1	03/18/16 0:32	CZC0298	CC61542
MCPP	ND (24.1)		8151A		1	03/18/16 0:32	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*72 %*		*30-150*
Surrogate: DCAA [2C]	*61 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-08 18-24
Date Sampled: 03/14/16 13:35
Percent Solids: 85

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-12
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	ND (2.80)		6010C		1	KJK	03/17/16 2:03	2.1	100	CC61503
Lead	**8.93** (5.61)		6010C		1	KJK	03/17/16 2:03	2.1	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-08 18-24
Date Sampled: 03/14/16 13:35
Percent Solids: 85
Initial Volume: 20.9
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-12
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
4,4´-DDE	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
4,4´-DDT	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Aldrin	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
alpha-BHC	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
alpha-Chlordane	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
beta-BHC	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Chlordane (Total)	ND (0.0338)		8081B		1	03/17/16 10:20	CZC0278	CC62410
delta-BHC	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Dieldrin	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Endosulfan I	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Endosulfan II	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Endosulfan Sulfate	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Endrin	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Endrin Aldehyde	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Endrin Ketone	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
gamma-BHC (Lindane)	ND (0.0017)		8081B		1	03/17/16 10:20	CZC0278	CC62410
gamma-Chlordane	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Heptachlor	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Heptachlor Epoxide	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Hexachlorobenzene	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Methoxychlor	ND (0.0028)		8081B		1	03/17/16 10:20	CZC0278	CC62410
Toxaphene	ND (0.141)		8081B		1	03/17/16 10:20	CZC0278	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*80 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*90 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*74 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*61 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-08 18-24
Date Sampled: 03/14/16 13:35
Percent Solids: 85
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-12
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/18/16 1:01	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/18/16 1:01	CZC0298	CC61542
2,4-D	ND (0.219)		8151A		1	03/18/16 1:01	CZC0298	CC61542
2,4-DB	ND (0.222)		8151A		1	03/18/16 1:01	CZC0298	CC61542
Dalapon	ND (0.212)		8151A		1	03/18/16 1:01	CZC0298	CC61542
Dicamba	ND (0.011)		8151A		1	03/18/16 1:01	CZC0298	CC61542
Dichlorprop	ND (0.219)		8151A		1	03/18/16 1:01	CZC0298	CC61542
Dinoseb	ND (0.222)		8151A		1	03/18/16 1:01	CZC0298	CC61542
MCPA	ND (21.7)		8151A		1	03/18/16 1:01	CZC0298	CC61542
MCPP	ND (21.9)		8151A		1	03/18/16 1:01	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*53 %*		*30-150*
Surrogate: DCAA [2C]	*50 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-09 0-6
Date Sampled: 03/14/16 13:45
Percent Solids: 24

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-13
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	ND (9.52)		6010C		1	KJK	03/17/16 2:21	2.2	100	CC61503
Lead	ND (19.0)		6010C		1	KJK	03/17/16 2:21	2.2	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-09 0-6
Date Sampled: 03/14/16 13:45
Percent Solids: 24
Initial Volume: 19.2
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-13
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/15/16 14:15

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.0119** (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
4,4´-DDE	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
4,4´-DDT	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Aldrin	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
alpha-BHC	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
alpha-Chlordane	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
beta-BHC	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Chlordane (Total)	ND (0.131)		8081B		1	03/18/16 5:51	CZC0317	CC62410
delta-BHC	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Dieldrin	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Endosulfan I	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Endosulfan II	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Endosulfan Sulfate	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Endrin	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Endrin Aldehyde	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Endrin Ketone [2C]	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
gamma-BHC (Lindane)	ND (0.0065)		8081B		1	03/18/16 5:51	CZC0317	CC62410
gamma-Chlordane	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Heptachlor	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Heptachlor Epoxide	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Hexachlorobenzene	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Methoxychlor	ND (0.0109)		8081B		1	03/18/16 5:51	CZC0317	CC62410
Toxaphene	ND (0.545)		8081B		1	03/18/16 5:51	CZC0317	CC62410

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*53 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*62 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*45 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*66 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-09 0-6
Date Sampled: 03/14/16 13:45
Percent Solids: 24
Initial Volume: 10.3
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-13
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.039)		8151A		1	03/21/16 14:23	CZC0356	CC61542
2,4,5-TP (Silvex)	ND (0.039)		8151A		1	03/21/16 14:23	CZC0356	CC61542
2,4-D	ND (0.764)		8151A		1	03/21/16 14:23	CZC0356	CC61542
2,4-DB	ND (0.773)		8151A		1	03/21/16 14:23	CZC0356	CC61542
Dalapon	ND (0.740)		8151A		1	03/21/16 14:23	CZC0356	CC61542
Dicamba	ND (0.038)		8151A		1	03/21/16 14:23	CZC0356	CC61542
Dichlorprop	ND (0.764)		8151A		1	03/21/16 14:23	CZC0356	CC61542
Dinoseb	ND (0.773)		8151A		1	03/21/16 14:23	CZC0356	CC61542
MCPA	ND (75.6)		8151A		1	03/21/16 14:23	CZC0356	CC61542
MCPP	ND (76.4)		8151A		1	03/21/16 14:23	CZC0356	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*71 %*		*30-150*
Surrogate: DCAA [2C]	*76 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-09 18-24
Date Sampled: 03/14/16 13:55
Percent Solids: 15

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-14
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	ND (8.22)		6010C		1	KJK	03/17/16 2:41	4.18	100	CC61503
Lead	ND (16.4)		6010C		1	KJK	03/17/16 2:41	4.18	100	CC61503

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-09 18-24
Date Sampled: 03/14/16 13:55
Percent Solids: 15
Initial Volume: 19.7
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-14
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/17/16 13:30

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
4,4´-DDE [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
4,4´-DDT [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Aldrin [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
alpha-BHC [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
alpha-Chlordane [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
beta-BHC [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Chlordane (Total) [2C]	ND (0.209)		8081B		1	03/19/16 22:10	CZC0317	CC61721
delta-BHC [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Dieldrin [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Endosulfan I [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Endosulfan II [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Endosulfan Sulfate [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Endrin [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Endrin Aldehyde [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Endrin Ketone [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
gamma-BHC (Lindane) [2C]	ND (0.0105)		8081B		1	03/19/16 22:10	CZC0317	CC61721
gamma-Chlordane [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Heptachlor [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Heptachlor Epoxide [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Hexachlorobenzene [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Methoxychlor [2C]	ND (0.0174)		8081B		1	03/19/16 22:10	CZC0317	CC61721
Toxaphene [2C]	ND (0.872)		8081B		1	03/19/16 22:10	CZC0317	CC61721

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*51 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*54 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*34 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*47 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-09 18-24
Date Sampled: 03/14/16 13:55
Percent Solids: 15
Initial Volume: 10
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603332
ESS Laboratory Sample ID: 1603332-14
Sample Matrix: Soil
Units: mg/kg dry
Analyst: VSC
Prepared: 3/15/16 17:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.065)		8151A		1	03/18/16 1:57	CZC0298	CC61542
2,4,5-TP (Silvex)	ND (0.065)		8151A		1	03/18/16 1:57	CZC0298	CC61542
2,4-D	ND (1.29)		8151A		1	03/18/16 1:57	CZC0298	CC61542
2,4-DB	ND (1.31)		8151A		1	03/18/16 1:57	CZC0298	CC61542
Dalapon	ND (1.25)		8151A		1	03/18/16 1:57	CZC0298	CC61542
Dicamba	ND (0.065)		8151A		1	03/18/16 1:57	CZC0298	CC61542
Dichlorprop	ND (1.29)		8151A		1	03/18/16 1:57	CZC0298	CC61542
Dinoseb	ND (1.31)		8151A		1	03/18/16 1:57	CZC0298	CC61542
MCPA	ND (128)		8151A		1	03/18/16 1:57	CZC0298	CC61542
MCPP	ND (129)		8151A		1	03/18/16 1:57	CZC0298	CC61542

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*57 %*		*30-150*
Surrogate: DCAA [2C]	*58 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Total Metals										
Batch CC61503 - 3050B										
Blank										
Arsenic	ND	2.50	mg/kg wet							
Lead	ND	5.00	mg/kg wet							
LCS										
Arsenic	161	9.43	mg/kg wet	161.0		100	80-120			
Lead	143	18.9	mg/kg wet	138.0		103	80-120			
LCS Dup										
Arsenic	145	9.80	mg/kg wet	161.0		90	80-120	10	20	
Lead	131	19.6	mg/kg wet	138.0		95	80-120	8	20	
8081B Organochlorine Pesticides										
Batch CC61721 - 3546										
Blank										
4,4´-DDD	ND	0.0025	mg/kg wet							
4,4´-DDD [2C]	ND	0.0025	mg/kg wet							
4,4´-DDE	ND	0.0025	mg/kg wet							
4,4´-DDE [2C]	ND	0.0025	mg/kg wet							
4,4´-DDT	ND	0.0025	mg/kg wet							
4,4´-DDT [2C]	ND	0.0025	mg/kg wet							
Aldrin	ND	0.0025	mg/kg wet							
Aldrin [2C]	ND	0.0025	mg/kg wet							
alpha-BHC	ND	0.0025	mg/kg wet							
alpha-BHC [2C]	ND	0.0025	mg/kg wet							
alpha-Chlordane	ND	0.0025	mg/kg wet							
alpha-Chlordane [2C]	ND	0.0025	mg/kg wet							
beta-BHC	ND	0.0025	mg/kg wet							
beta-BHC [2C]	ND	0.0025	mg/kg wet							
delta-BHC	ND	0.0025	mg/kg wet							
delta-BHC [2C]	ND	0.0025	mg/kg wet							
Dieldrin	ND	0.0025	mg/kg wet							
Dieldrin [2C]	ND	0.0025	mg/kg wet							
Endosulfan I	ND	0.0025	mg/kg wet							
Endosulfan I [2C]	ND	0.0025	mg/kg wet							
Endosulfan II	ND	0.0025	mg/kg wet							
Endosulfan II [2C]	ND	0.0025	mg/kg wet							
Endosulfan Sulfate	ND	0.0025	mg/kg wet							
Endosulfan Sulfate [2C]	ND	0.0025	mg/kg wet							
Endrin	ND	0.0025	mg/kg wet							
Endrin [2C]	ND	0.0025	mg/kg wet							
Endrin Aldehyde	ND	0.0025	mg/kg wet							
Endrin Aldehyde [2C]	ND	0.0025	mg/kg wet							
Endrin Ketone	ND	0.0025	mg/kg wet							
Endrin Ketone [2C]	ND	0.0025	mg/kg wet							
gamma-BHC (Lindane)	ND	0.0015	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC61721 - 3546										
gamma-BHC (Lindane) [2C]	ND	0.0015	mg/kg wet							
gamma-Chlordane	ND	0.0025	mg/kg wet							
gamma-Chlordane [2C]	ND	0.0025	mg/kg wet							
Heptachlor	ND	0.0025	mg/kg wet							
Heptachlor [2C]	ND	0.0025	mg/kg wet							
Heptachlor Epoxide	ND	0.0025	mg/kg wet							
Heptachlor Epoxide [2C]	ND	0.0025	mg/kg wet							
Hexachlorobenzene	ND	0.0025	mg/kg wet							
Hexachlorobenzene [2C]	ND	0.0025	mg/kg wet							
Methoxychlor	ND	0.0025	mg/kg wet							
Methoxychlor [2C]	ND	0.0025	mg/kg wet							
Surrogate: Decachlorobiphenyl	*0.0125*		mg/kg wet	*0.01250*		*100*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0128*		mg/kg wet	*0.01250*		*102*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0111*		mg/kg wet	*0.01250*		*89*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0113*		mg/kg wet	*0.01250*		*90*	*30-150*			
LCS										
4,4´-DDD	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
4,4´-DDD [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
4,4´-DDE	0.0116	0.0025	mg/kg wet	0.01250		92	40-140			
4,4´-DDE [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
4,4´-DDT	0.0129	0.0025	mg/kg wet	0.01250		103	40-140			
4,4´-DDT [2C]	0.0133	0.0025	mg/kg wet	0.01250		107	40-140			
Aldrin	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
Aldrin [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
alpha-BHC	0.0122	0.0025	mg/kg wet	0.01250		97	40-140			
alpha-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
alpha-Chlordane	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
alpha-Chlordane [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
beta-BHC	0.0114	0.0025	mg/kg wet	0.01250		92	40-140			
beta-BHC [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
delta-BHC	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
delta-BHC [2C]	0.0114	0.0025	mg/kg wet	0.01250		91	40-140			
Dieldrin	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Dieldrin [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140			
Endosulfan I	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
Endosulfan I [2C]	0.0123	0.0025	mg/kg wet	0.01250		99	40-140			
Endosulfan II	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
Endosulfan II [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
Endosulfan Sulfate	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
Endosulfan Sulfate [2C]	0.0133	0.0025	mg/kg wet	0.01250		106	40-140			
Endrin	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Endrin [2C]	0.0129	0.0025	mg/kg wet	0.01250		103	40-140			
Endrin Aldehyde	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Endrin Aldehyde [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC61721 - 3546										
Endrin Ketone	0.0123	0.0025	mg/kg wet	0.01250		99	40-140			
Endrin Ketone [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140			
gamma-BHC (Lindane)	0.0117	0.0015	mg/kg wet	0.01250		94	40-140			
gamma-BHC (Lindane) [2C]	0.0116	0.0015	mg/kg wet	0.01250		93	40-140			
gamma-Chlordane	0.0117	0.0025	mg/kg wet	0.01250		93	40-140			
gamma-Chlordane [2C]	0.0124	0.0025	mg/kg wet	0.01250		100	40-140			
Heptachlor	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			
Heptachlor [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Heptachlor Epoxide	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Heptachlor Epoxide [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Hexachlorobenzene	0.0113	0.0025	mg/kg wet	0.01250		90	40-140			
Hexachlorobenzene [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
Methoxychlor	0.0124	0.0025	mg/kg wet	0.01250		99	40-140			
Methoxychlor [2C]	0.0128	0.0025	mg/kg wet	0.01250		102	40-140			
Surrogate: Decachlorobiphenyl	*0.0129*		mg/kg wet	*0.01250*		*103*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0132*		mg/kg wet	*0.01250*		*106*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0114*		mg/kg wet	*0.01250*		*91*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0115*		mg/kg wet	*0.01250*		*92*	*30-150*			
LCS Dup										
4,4´-DDD	0.0114	0.0025	mg/kg wet	0.01250		92	40-140	3	30	
4,4´-DDD [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	3	30	
4,4´-DDE	0.0111	0.0025	mg/kg wet	0.01250		89	40-140	4	30	
4,4´-DDE [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	3	30	
4,4´-DDT	0.0126	0.0025	mg/kg wet	0.01250		101	40-140	2	30	
4,4´-DDT [2C]	0.0128	0.0025	mg/kg wet	0.01250		102	40-140	4	30	
Aldrin	0.0116	0.0025	mg/kg wet	0.01250		93	40-140	1	30	
Aldrin [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	2	30	
alpha-BHC	0.0121	0.0025	mg/kg wet	0.01250		96	40-140	0.8	30	
alpha-BHC [2C]	0.0113	0.0025	mg/kg wet	0.01250		90	40-140	2	30	
alpha-Chlordane	0.0112	0.0025	mg/kg wet	0.01250		90	40-140	3	30	
alpha-Chlordane [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	3	30	
beta-BHC	0.0112	0.0025	mg/kg wet	0.01250		90	40-140	2	30	
beta-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	3	30	
delta-BHC	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	3	30	
delta-BHC [2C]	0.0110	0.0025	mg/kg wet	0.01250		88	40-140	4	30	
Dieldrin	0.0116	0.0025	mg/kg wet	0.01250		93	40-140	3	30	
Dieldrin [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	3	30	
Endosulfan I	0.0114	0.0025	mg/kg wet	0.01250		91	40-140	6	30	
Endosulfan I [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	3	30	
Endosulfan II	0.0116	0.0025	mg/kg wet	0.01250		93	40-140	2	30	
Endosulfan II [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	3	30	
Endosulfan Sulfate	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	3	30	
Endosulfan Sulfate [2C]	0.0129	0.0025	mg/kg wet	0.01250		103	40-140	3	30	
Endrin	0.0119	0.0025	mg/kg wet	0.01250		96	40-140	2	30	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC61721 - 3546										
Endrin [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	3	30	
Endrin Aldehyde	0.0118	0.0025	mg/kg wet	0.01250		94	40-140	2	30	
Endrin Aldehyde [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	2	30	
Endrin Ketone	0.0119	0.0025	mg/kg wet	0.01250		96	40-140	3	30	
Endrin Ketone [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	6	30	
gamma-BHC (Lindane)	0.0116	0.0015	mg/kg wet	0.01250		92	40-140	2	30	
gamma-BHC (Lindane) [2C]	0.0113	0.0015	mg/kg wet	0.01250		90	40-140	2	30	
gamma-Chlordane	0.0113	0.0025	mg/kg wet	0.01250		91	40-140	3	30	
gamma-Chlordane [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	3	30	
Heptachlor	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	1	30	
Heptachlor [2C]	0.0117	0.0025	mg/kg wet	0.01250		93	40-140	2	30	
Heptachlor Epoxide	0.0112	0.0025	mg/kg wet	0.01250		90	40-140	2	30	
Heptachlor Epoxide [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	3	30	
Hexachlorobenzene	0.0113	0.0025	mg/kg wet	0.01250		90	40-140	0.1	30	
Hexachlorobenzene [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140	0.3	30	
Methoxychlor	0.0118	0.0025	mg/kg wet	0.01250		94	40-140	5	30	
Methoxychlor [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
Surrogate: Decachlorobiphenyl	*0.0118*		mg/kg wet	*0.01250*		*95*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0122*		mg/kg wet	*0.01250*		*98*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0113*		mg/kg wet	*0.01250*		*90*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0113*		mg/kg wet	*0.01250*		*91*	*30-150*			
Batch CC62410 - 3546										
Blank										
4,4´-DDD	ND	0.0025	mg/kg wet							
4,4´-DDD [2C]	ND	0.0025	mg/kg wet							
4,4´-DDE	ND	0.0025	mg/kg wet							
4,4´-DDE [2C]	ND	0.0025	mg/kg wet							
4,4´-DDT	ND	0.0025	mg/kg wet							
4,4´-DDT [2C]	ND	0.0025	mg/kg wet							
Aldrin	ND	0.0025	mg/kg wet							
Aldrin [2C]	ND	0.0025	mg/kg wet							
alpha-BHC	ND	0.0025	mg/kg wet							
alpha-BHC [2C]	ND	0.0025	mg/kg wet							
alpha-Chlordane	ND	0.0025	mg/kg wet							
alpha-Chlordane [2C]	ND	0.0025	mg/kg wet							
beta-BHC	ND	0.0025	mg/kg wet							
beta-BHC [2C]	ND	0.0025	mg/kg wet							
delta-BHC	ND	0.0025	mg/kg wet							
delta-BHC [2C]	ND	0.0025	mg/kg wet							
Dieldrin	ND	0.0025	mg/kg wet							
Dieldrin [2C]	ND	0.0025	mg/kg wet							
Endosulfan I	ND	0.0025	mg/kg wet							
Endosulfan I [2C]	ND	0.0025	mg/kg wet							
Endosulfan II	ND	0.0025	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC62410 - 3546										
Endosulfan II [2C]	ND	0.0025	mg/kg wet							
Endosulfan Sulfate	ND	0.0025	mg/kg wet							
Endosulfan Sulfate [2C]	ND	0.0025	mg/kg wet							
Endrin	ND	0.0025	mg/kg wet							
Endrin [2C]	ND	0.0025	mg/kg wet							
Endrin Aldehyde	ND	0.0025	mg/kg wet							
Endrin Aldehyde [2C]	ND	0.0025	mg/kg wet							
Endrin Ketone	ND	0.0025	mg/kg wet							
Endrin Ketone [2C]	ND	0.0025	mg/kg wet							
gamma-BHC (Lindane)	ND	0.0015	mg/kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0015	mg/kg wet							
gamma-Chlordane	ND	0.0025	mg/kg wet							
gamma-Chlordane [2C]	ND	0.0025	mg/kg wet							
Heptachlor	ND	0.0025	mg/kg wet							
Heptachlor [2C]	ND	0.0025	mg/kg wet							
Heptachlor Epoxide	ND	0.0025	mg/kg wet							
Heptachlor Epoxide [2C]	ND	0.0025	mg/kg wet							
Hexachlorobenzene	ND	0.0025	mg/kg wet							
Hexachlorobenzene [2C]	ND	0.0025	mg/kg wet							
Methoxychlor	ND	0.0025	mg/kg wet							
Methoxychlor [2C]	ND	0.0025	mg/kg wet							
Surrogate: Decachlorobiphenyl	*0.0121*		mg/kg wet	*0.01250*		*96*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0120*		mg/kg wet	*0.01250*		*96*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0125*		mg/kg wet	*0.01250*		*100*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.00951*		mg/kg wet	*0.01250*		*76*	*30-150*			
LCS										
4,4´-DDD	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
4,4´-DDD [2C]	0.0131	0.0025	mg/kg wet	0.01250		104	40-140			
4,4´-DDE	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
4,4´-DDE [2C]	0.0129	0.0025	mg/kg wet	0.01250		103	40-140			
4,4´-DDT	0.0137	0.0025	mg/kg wet	0.01250		110	40-140			
4,4´-DDT [2C]	0.0142	0.0025	mg/kg wet	0.01250		113	40-140			
Aldrin	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Aldrin [2C]	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			
alpha-BHC	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
alpha-BHC [2C]	0.0107	0.0025	mg/kg wet	0.01250		85	40-140			
alpha-Chlordane	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
alpha-Chlordane [2C]	0.0126	0.0025	mg/kg wet	0.01250		101	40-140			
beta-BHC	0.0128	0.0025	mg/kg wet	0.01250		102	40-140			
beta-BHC [2C]	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			
delta-BHC	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
delta-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Dieldrin	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Dieldrin [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC62410 - 3546										
Endosulfan I	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
Endosulfan I [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140			
Endosulfan II	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
Endosulfan II [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140			
Endosulfan Sulfate	0.0131	0.0025	mg/kg wet	0.01250		105	40-140			
Endosulfan Sulfate [2C]	0.0145	0.0025	mg/kg wet	0.01250		116	40-140			
Endrin	0.0128	0.0025	mg/kg wet	0.01250		103	40-140			
Endrin [2C]	0.0139	0.0025	mg/kg wet	0.01250		111	40-140			
Endrin Aldehyde	0.0111	0.0025	mg/kg wet	0.01250		89	40-140			
Endrin Aldehyde [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Endrin Ketone	0.0128	0.0025	mg/kg wet	0.01250		102	40-140			
Endrin Ketone [2C]	0.0132	0.0025	mg/kg wet	0.01250		106	40-140			
gamma-BHC (Lindane)	0.0123	0.0015	mg/kg wet	0.01250		98	40-140			
gamma-BHC (Lindane) [2C]	0.0112	0.0015	mg/kg wet	0.01250		90	40-140			
gamma-Chlordane	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
gamma-Chlordane [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140			
Heptachlor	0.0127	0.0025	mg/kg wet	0.01250		101	40-140			
Heptachlor [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140			
Heptachlor Epoxide	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
Heptachlor Epoxide [2C]	0.0126	0.0025	mg/kg wet	0.01250		101	40-140			
Hexachlorobenzene	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
Hexachlorobenzene [2C]	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
Methoxychlor	0.0145	0.0025	mg/kg wet	0.01250		116	40-140			
Methoxychlor [2C]	0.0155	0.0025	mg/kg wet	0.01250		124	40-140			
Surrogate: Decachlorobiphenyl	*0.0126*		mg/kg wet	*0.01250*		*101*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0130*		mg/kg wet	*0.01250*		*104*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0124*		mg/kg wet	*0.01250*		*99*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.00958*		mg/kg wet	*0.01250*		*77*	*30-150*			
LCS Dup										
4,4´-DDD	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	0.08	30	
4,4´-DDD [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	0.4	30	
4,4´-DDE	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	1	30	
4,4´-DDE [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	0.7	30	
4,4´-DDT	0.0141	0.0025	mg/kg wet	0.01250		113	40-140	3	30	
4,4´-DDT [2C]	0.0144	0.0025	mg/kg wet	0.01250		115	40-140	2	30	
Aldrin	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	2	30	
Aldrin [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140	2	30	
alpha-BHC	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	2	30	
alpha-BHC [2C]	0.0109	0.0025	mg/kg wet	0.01250		87	40-140	2	30	
alpha-Chlordane	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	2	30	
alpha-Chlordane [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140	0.9	30	
beta-BHC	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	4	30	
beta-BHC [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140	2	30	
delta-BHC	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	2	30	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC62410 - 3546										
delta-BHC [2C]	0.0117	0.0025	mg/kg wet	0.01250		94	40-140	2	30	
Dieldrin	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	1	30	
Dieldrin [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	0.7	30	
Endosulfan I	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	1	30	
Endosulfan I [2C]	0.0128	0.0025	mg/kg wet	0.01250		103	40-140	0.7	30	
Endosulfan II	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	0.9	30	
Endosulfan II [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	0.2	30	
Endosulfan Sulfate	0.0133	0.0025	mg/kg wet	0.01250		107	40-140	2	30	
Endosulfan Sulfate [2C]	0.0145	0.0025	mg/kg wet	0.01250		116	40-140	0.2	30	
Endrin	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	2	30	
Endrin [2C]	0.0141	0.0025	mg/kg wet	0.01250		113	40-140	1	30	
Endrin Aldehyde	0.0114	0.0025	mg/kg wet	0.01250		91	40-140	2	30	
Endrin Aldehyde [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	0.3	30	
Endrin Ketone	0.0133	0.0025	mg/kg wet	0.01250		106	40-140	4	30	
Endrin Ketone [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	1	30	
gamma-BHC (Lindane)	0.0125	0.0015	mg/kg wet	0.01250		100	40-140	2	30	
gamma-BHC (Lindane) [2C]	0.0114	0.0015	mg/kg wet	0.01250		91	40-140	1	30	
gamma-Chlordane	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	1	30	
gamma-Chlordane [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	1	30	
Heptachlor	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	3	30	
Heptachlor [2C]	0.0127	0.0025	mg/kg wet	0.01250		101	40-140	2	30	
Heptachlor Epoxide	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	1	30	
Heptachlor Epoxide [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140	1	30	
Hexachlorobenzene	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	2	30	
Hexachlorobenzene [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	2	30	
Methoxychlor	0.0147	0.0025	mg/kg wet	0.01250		118	40-140	1	30	
Methoxychlor [2C]	0.0157	0.0025	mg/kg wet	0.01250		125	40-140	1	30	
Surrogate: Decachlorobiphenyl	*0.0129*		mg/kg wet	*0.01250*		*103*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0131*		mg/kg wet	*0.01250*		*105*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0126*		mg/kg wet	*0.01250*		*100*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.00964*		mg/kg wet	*0.01250*		*77*	*30-150*			
8151A Chlorinated Herbicides										
Batch CC61542 - 3546										
Blank										
2,4,5-T	ND	0.010	mg/kg wet							
2,4,5-T [2C]	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex)	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex) [2C]	ND	0.010	mg/kg wet							
2,4-D	ND	0.188	mg/kg wet							
2,4-D [2C]	ND	0.188	mg/kg wet							
2,4-DB	ND	0.190	mg/kg wet							
2,4-DB [2C]	ND	0.190	mg/kg wet							
Dalapon	ND	0.182	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8151A Chlorinated Herbicides										
Batch CC61542 - 3546										
Dalapon [2C]	ND	0.182	mg/kg wet							
Dicamba	ND	0.009	mg/kg wet							
Dicamba [2C]	ND	0.009	mg/kg wet							
Dichlorprop	ND	0.188	mg/kg wet							
Dichlorprop [2C]	ND	0.188	mg/kg wet							
Dinoseb	ND	0.190	mg/kg wet							
Dinoseb [2C]	ND	0.190	mg/kg wet							
MCPA	ND	18.6	mg/kg wet							
MCPA [2C]	ND	18.6	mg/kg wet							
MCPP	ND	18.8	mg/kg wet							
MCPP [2C]	ND	18.8	mg/kg wet							
Surrogate: DCAA	*13.6*		mg/kg wet	*20.00*		*68*	*30-150*			
Surrogate: DCAA [2C]	*12.6*		mg/kg wet	*20.00*		*63*	*30-150*			
LCS										
2,4,5-T	0.009	0.010	mg/kg wet	0.01900		46	40-140			
2,4,5-T [2C]	0.010	0.010	mg/kg wet	0.01900		50	40-140			
2,4,5-TP (Silvex)	0.009	0.010	mg/kg wet	0.01900		48	40-140			
2,4,5-TP (Silvex) [2C]	0.008	0.010	mg/kg wet	0.01900		44	40-140			
2,4-D	0.106	0.188	mg/kg wet	0.1880		56	40-140			
2,4-D [2C]	0.102	0.188	mg/kg wet	0.1880		54	40-140			
2,4-DB	0.102	0.190	mg/kg wet	0.1900		54	40-140			
2,4-DB [2C]	0.084	0.190	mg/kg wet	0.1900		44	40-140			
Dalapon	0.150	0.182	mg/kg wet	0.4550		33	40-140			B-
Dalapon [2C]	0.152	0.182	mg/kg wet	0.4550		33	40-140			B-
Dicamba	0.009	0.009	mg/kg wet	0.01880		46	40-140			
Dicamba [2C]	0.009	0.009	mg/kg wet	0.01880		46	40-140			
Dichlorprop	0.131	0.188	mg/kg wet	0.1880		70	40-140			
Dichlorprop [2C]	0.120	0.188	mg/kg wet	0.1880		64	40-140			
Dinoseb	0.012	0.190	mg/kg wet	0.09500		12	10-100			
Dinoseb [2C]	0.011	0.190	mg/kg wet	0.09500		11	10-100			
MCPA	8.51	18.6	mg/kg wet	18.60		46	40-140			
MCPA [2C]	8.03	18.6	mg/kg wet	18.60		43	40-140			
MCPP	8.54	18.8	mg/kg wet	18.80		45	40-140			
MCPP [2C]	8.97	18.8	mg/kg wet	18.80		48	40-140			
Surrogate: DCAA	*14.2*		mg/kg wet	*20.00*		*71*	*30-150*			
Surrogate: DCAA [2C]	*14.0*		mg/kg wet	*20.00*		*70*	*30-150*			
LCS Dup										
2,4,5-T	0.008	0.010	mg/kg wet	0.01900		42	40-140	9	30	
2,4,5-T [2C]	0.009	0.010	mg/kg wet	0.01900		46	40-140	8	30	
2,4,5-TP (Silvex)	0.009	0.010	mg/kg wet	0.01900		46	40-140	4	30	
2,4,5-TP (Silvex) [2C]	0.008	0.010	mg/kg wet	0.01900		42	40-140	5	30	
2,4-D	0.099	0.188	mg/kg wet	0.1880		53	40-140	7	30	
2,4-D [2C]	0.095	0.188	mg/kg wet	0.1880		50	40-140	7	30	
2,4-DB	0.087	0.190	mg/kg wet	0.1900		46	40-140	16	30	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8151A Chlorinated Herbicides										
Batch CC61542 - 3546										
2,4-DB [2C]	0.076	0.190	mg/kg wet	0.1900		40	40-140	10	30	
Dalapon	0.132	0.182	mg/kg wet	0.4550		29	40-140	12	30	B-
Dalapon [2C]	0.134	0.182	mg/kg wet	0.4550		30	40-140	12	30	B-
Dicamba	0.008	0.009	mg/kg wet	0.01880		44	40-140	4	30	
Dicamba [2C]	0.008	0.009	mg/kg wet	0.01880		44	40-140	4	30	
Dichlorprop	0.125	0.188	mg/kg wet	0.1880		66	40-140	5	30	
Dichlorprop [2C]	0.111	0.188	mg/kg wet	0.1880		59	40-140	8	30	
Dinoseb	0.010	0.190	mg/kg wet	0.09500		10	10-100	21	30	
Dinoseb [2C]	ND	0.190	mg/kg wet	0.09500			10-100	200	30	B-, D+
MCPA	8.00	18.6	mg/kg wet	18.60		43	40-140	6	30	
MCPA [2C]	7.45	18.6	mg/kg wet	18.60		40	40-140	8	30	
MCPP	7.98	18.8	mg/kg wet	18.80		42	40-140	7	30	
MCPP [2C]	8.07	18.8	mg/kg wet	18.80		43	40-140	11	30	
Surrogate: DCAA	*13.2*		mg/kg wet	*20.00*		*66*	*30-150*			
Surrogate: DCAA [2C]	*12.3*		mg/kg wet	*20.00*		*61*	*30-150*			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

Notes and Definitions

U	Analyte included in the analysis, but not detected
P	Percent difference between primary and confirmation results exceeds 40% (P).
LC	Lower value is used due to matrix interferences (LC).
D+	Relative percent difference for duplicate is outside of criteria (D+).
D	Diluted.
CD+	Continuing Calibration %Diff/Drift is above control limit (CD+).
CD-	Continuing Calibration %Diff/Drift is below control limit (CD-).
B-	Blank Spike recovery is below lower control limit (B-).
ND	Analyte NOT DETECTED at or above the MRL (LOQ), LOD for DoD Reports, MDL for J-Flagged Analytes
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
DL	Detection Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
[CALC]	Calculated Analyte
SUB	Subcontracted analysis; see attached report

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603332

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Rhode Island Potable and Non Potable Water: LAI00179
http://www.health.ri.gov/find/labs/analytical/ESS.pdf

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/OutofStateCommercialLaboratories.pdf

Maine Potable and Non Potable Water, and Solid and Hazardous Waste: RI00002
http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/documents/AllLabs.xls

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/Labcert/Labcert.aspx

New Hampshire (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 2424
http://des.nh.gov/organization/divisions/water/dwgb/nhelap/index.htm

New York (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

New Jersey (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: RI006
http://datamine2.state.nj.us/DEP_OPRA/OpraMain/pi_main?mode=pi_by_site&sort_order=PI_NAMEA&Select+a+Site:=58715

United States Department of Agriculture Soil Permit: P330-12-00139

Pennsylvania: 68-01752
http://www.depweb.state.pa.us/portal/server.pt/community/labs/13780/laboratory_accreditation_program/590095

ESS Laboratory Sample and Cooler Receipt Checklist

Client: GZA - New York, NY - GZA/CMT

Shipped/Delivered Via: ESS Courier

ESS Project ID: 1603332
Date Received: 3/14/2016
Project Due Date: 3/21/2016
Days for Project: 5 Day

1. Air bill manifest present? Yes
   Air No.: NA
2. Were custody seals present? No
3. Is radiation count <100 CPM? Yes
4. Is a Cooler Present? Yes
   Temp: 1.8 Iced with: Ice
5. Was COC signed and dated by client? Yes
6. Does COC match bottles? Yes
7. Is COC complete and correct? Yes
8. Were samples received intact? Yes
9. **Were labs informed about short holds & rushes?** Yes / No (NA)
10. Were any analyses received outside of hold time? Yes (No)

11. Any Subcontracting needed? Yes / (No)
    ESS Sample IDs:
    Analysis:
    TAT:
12. Were VOAs received? Yes / (No)
    a. Air bubbles in aqueous VOAs? Yes / No
    b. Does methanol cover soil completely? Yes / No / (NA)

13. Are the samples properly preserved? (Yes) / No
    a. If metals preserved upon receipt: Date: Time: By:
    b. Low Level VOAs brought to freezer: Date: Time: By:

Sample Receiving Notes:

14. Was there a need to contact Project Manager? Yes / (No)
    a. Was there a need to contact the client? Yes / No
    Who was contacted? Date: Time: By:

Sample Number	Container ID	Proper Container	Air Bubbles Present	Sufficient Volume	Container Type	Preservative	Record pH (Cyanide and 608 Pesticides)
01	16954	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
02	16953	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
03	16952	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
04	16951	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
05	16950	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
06	16949	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
07	16948	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
08	16947	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
09	16946	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
10	16945	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
11	16944	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
12	16943	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
13	16942	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
14	16941	Yes	NA	Yes	8 oz. Jar - Unpres	NP	

2nd Review
Are barcode labels on correct containers? (Yes) / No

Completed By: Date & Time: 3/14/16 1830
Reviewed By: Date & Time: 3/14/16 1950

ESS Laboratory

Division of Thielsch Engineering, Inc.

185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

ESS Lab # 16003332

Turn Time ✓ Standard Other_____

Regulatory State: MA RI CT NH NJ (NY) ME Other_____

Reporting Limits - _____

Is this project for any of the following:(please circle)
MA-MCP Navy USACE CT DEP Other_____

Electonic Deliverables Excel Access PDF

Co. Name	Project #	Project Name
	41.0162403.00	HAMPSHIRE CC

Contact Person	Address
SEAN N. KLINK	104 W. 29TH STREET

City	State	Zip	PO #
NEW YORK	NY	10001	

Tel.	Fax.	email
212-594-8140		SKLINK@GZA.COM

ESS Lab ID	Date	Collection Time	Grab -G Composite-C	Matrix	Sample ID	Pres Code	# of Containers	Type of Container	Vol of Container	Analysis: Pb, As	Pest	Herb
1	3/14/16	1135	G	SOIL	SS-03(0-6)	1	1	AG	8 oz	X	X	X
2		1145			SS-03(18-24)					X	X	X
3		1200			SS-04(0-6)					X	X	X
4		1210			SS-04(18-24)					X	X	X
5		1220			SS-05(0-6)					X	X	X
6		1230			SS-05(18-24)					X	X	X
7		1240			SS-06(0-6)					X	X	X
8		1250			SS-06(18-24)					X	X	X
9		1300			SS-07(0-6)					X	X	X
10		1310			SS-07(18-24)					X	X	X

Container Type: P-Poly G-Glass AG-Amber Glass S-Sterile V-VOA

Matrix: S-Soil SD-Solid D-Sludge WW-Wastewater GW-Groundwater SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filter

Cooler Present ✓ Yes ____ No

Seals Intact ____ Yes ____ No NA: ✓

Cooler Temperature: 1.8 ice RB

Internal Use Only
[✓] Pickup
[ ] Technician____

Preservation Code: 1-NP, 2-HCl, 3-H2SO4, 4-HNO3, 5-NaOH, 6-MeOH, 7-Asorbic Acid, 8-ZnAct, 9-____

Sampled by : JAMES COLONS

Comments:

Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)
3/14/16 14:48	3/14/16 14:48	3/14/16 18:08	3/14/16 18:20
Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)

* By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VIIA

Please fax to the laboratory all changes to Chain of Custody

1 (White) Lab Copy
2 (Yellow) Client Receipt

ESS Laboratory

Division of Thielsch Engineering, Inc.

185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

ESS Lab # 1603337

Turn Time X Standard Other_____

Regulatory State: MA RI CT NH NJ NY ME Other_____

Is this project for any of the following:(please circle)
MA-MCP Navy USACE CT DEP Other_____

Reporting Limits - _____

Electonic Deliverables Excel Access PDF

Co. Name	Project #	Project Name
GZA GEOENVIRONMENTAL	41.1624303.00	HAMPSHIRE CC

Contact Person	Address
STEPHEN. KLINE	104 W. 29TH STREET

City	State	Zip	PO #
NEW YORK	NY	10001	

Tel.	Fax.	email:
212-594-8140		STEPHEN.KLINE@GZA.COM

ESS Lab ID	Date	Collection Time	Grab -G Composite-C	Matrix	Sample ID	Pres Code	# of Containers	Type of Container	Vol of Container	Analysis: PAHs	Pest	Herb
11	3/14/16	1325	G	SOIL	SS-08(0-6)	1	1	AG	8oz			
12	"	1325	"	"	SS-08(18-24)	"	1	"	"			
13	"	1345	"	"	SS-09(0-6)	"	1	"	"			
14	"	1355	"	"	SS-09(18-24)	"	1	"	"			

Container Type: P-Poly G-Glass AG-Amber Glass S-Sterile V-VOA

Matrix: S-Soil SD-Solid D-Sludge WW-Wastewater GW-Groundwater SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filter

Cooler Present ✓ Yes ____ No

Seals Intact ____ Yes ____ No NA: X

Cooler Temperature: 1.8 ice RB

Internal Use Only
[✓] Pickup
[ ] Technician___

Preservation Code: 1-NP, 2-HCl, 3-H2SO4, 4-HNO3, 5-NaOH, 6-MeOH, 7-Asorbic Acid, 8-ZnAct, 9-_____

Sampled by: JAMES COLONY

Comments:

Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)
3/14/16 14:48	3/14/16 14:48	3/14/16 18:05	3/14/16 1805

* By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VIIA

Please fax to the laboratory all changes to Chain of Custody

1 (White) Lab Copy
2 (Yellow) Client Receipt

CERTIFICATE OF ANALYSIS

Stephen Kline
GZA GeoEnvironmental, Inc.
104 West 29th Street, 10th Floor
New York, NY 10001

RE: Hampshire CC (41.0162403.00)
ESS Laboratory Work Order Number: 1603375

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Laurel Stoddard
Laboratory Director

REVIEWED
By ESS Laboratory at 5:17 pm, Mar 28, 2016

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

The test results present in this report are in compliance with NELAC Standards, A2LA and/or client Quality Assurance Project Plans (QAPP). The laboratory has reviewed the following: Sample Preservations, Hold Times, Initial Calibrations, Continuing Calibrations, Method Blanks, Blank Spikes, Blank Spike Duplicates, Duplicates, Matrix Spikes, Matrix Spike Duplicates, Surrogates and Internal Standards. Any results which were found to be outside of the recommended ranges stated in our SOPs will be noted in the Project Narrative.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

SAMPLE RECEIPT

The following samples were received on March 15, 2016 for the analyses specified on the enclosed Chain of Custody Record.

Lab Number	Sample Name	Matrix	Analysis
1603375-01	SS-10 0-6	Soil	6010C, 8081B, 8151A
1603375-02	SS-10 18-24	Soil	6010C, 8081B, 8151A
1603375-03	SS-11 0-6	Soil	6010C, 8081B, 8151A
1603375-04	SS-11 18-24	Soil	6010C, 8081B, 8151A
1603375-05	SS-12 0-6	Soil	6010C, 8081B, 8151A
1603375-06	SS-12 18-24	Soil	6010C, 8081B, 8151A
1603375-07	SS-13 0-6	Soil	6010C, 8081B, 8151A
1603375-08	SS-13 18-24	Soil	6010C, 8081B, 8151A
1603375-09	SS-14 0-6	Soil	6010C, 8081B, 8151A
1603375-10	SS-14 18-24	Soil	6010C, 8081B, 8151A
1603375-11	SS-15 0-6	Soil	6010C, 8081B, 8151A
1603375-12	SS-15 18-24	Soil	6010C, 8081B, 8151A
1603375-13	SS-16 0-6	Soil	6010C, 8081B, 8151A
1603375-14	SS-16 18-24	Soil	6010C, 8081B, 8151A

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

PROJECT NARRATIVE

8081B Organochlorine Pesticides

1603375-01	**Percent difference between primary and confirmation results exceeds 40% (P).** 4,4´-DDD [2C]
1603375-02	**Lower value is used due to matrix interferences (LC).** Dieldrin
1603375-02	**Percent difference between primary and confirmation results exceeds 40% (P).** Dieldrin
1603375-03	**Lower value is used due to matrix interferences (LC).** 4,4´-DDD , alpha-Chlordane [2C] , Dieldrin
1603375-03	**Percent difference between primary and confirmation results exceeds 40% (P).** 4,4´-DDD , alpha-Chlordane [2C] , Dieldrin
1603375-05	**Lower value is used due to matrix interferences (LC).** 4,4´-DDD
1603375-05	**Percent difference between primary and confirmation results exceeds 40% (P).** 4,4´-DDD , alpha-Chlordane
1603375-06	**Lower value is used due to matrix interferences (LC).** gamma-Chlordane
1603375-06	**Percent difference between primary and confirmation results exceeds 40% (P).** Chlordane (Total) [2C] , gamma-Chlordane
1603375-07	**Percent difference between primary and confirmation results exceeds 40% (P).** 4,4´-DDT [2C] , alpha-Chlordane
1603375-09	**Lower value is used due to matrix interferences (LC).** 4,4´-DDD , Dieldrin
1603375-09	**Percent difference between primary and confirmation results exceeds 40% (P).** 4,4´-DDD , alpha-Chlordane , Dieldrin
1603375-11	**Lower value is used due to matrix interferences (LC).** alpha-Chlordane [2C] , Dieldrin
1603375-11	**Percent difference between primary and confirmation results exceeds 40% (P).** alpha-Chlordane [2C] , Dieldrin
1603375-13	**Lower value is used due to matrix interferences (LC).** alpha-Chlordane [2C] , Dieldrin , Heptachlor Epoxide [2C] , Hexachlorobenzene [2C]
1603375-13	**Percent difference between primary and confirmation results exceeds 40% (P).** alpha-Chlordane [2C] , Dieldrin , Heptachlor Epoxide [2C] , Hexachlorobenzene [2C]
CZC0317-CCV9	**Continuing Calibration %Diff/Drift is below control limit (CD-).** 4,4´-DDD (31% @ 20%), 4,4´-DDE (23% @ 20%), 4,4´-DDT (30% @ 20%), alpha-Chlordane (27% @ 20%), Decachlorobiphenyl (35% @ 20%), Dieldrin (30% @ 20%), Endosulfan I (30% @ 20%), Endosulfan II (33% @ 20%), Endosulfan Sulfate (33% @ 20%), Endrin (30% @ 20%), Endrin Aldehyde (32% @ 20%), Endrin Ketone (35% @ 20%), gamma-Chlordane (27% @ 20%), Heptachlor Epoxide (24% @ 20%), Methoxychlor (29% @ 20%)
CZC0317-CCVA	**Continuing Calibration %Diff/Drift is below control limit (CD-).** Decachlorobiphenyl (28% @ 20%)

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC ESS Laboratory Work Order: 1603375

CZC0382-CCV5 **Continuing Calibration %Diff/Drift is above control limit (CD+).**
4,4′-DDT [2C] (21% @ 20%), Endosulfan Sulfate (21% @ 20%), Methoxychlor (23% @ 20%), Methoxychlor [2C] (24% @ 20%)

8151A Chlorinated Herbicides

1603375-07 **Modified result**
MCPP

1603375-07 **Peaks found in the retention time window for MCPP did not confirm by GC/MS.**

1603375-14 **Modified result**
MCPP

1603375-14 **Peaks found in the retention time window for MCPP did not confirm by GC/MS.**

CC61724-BS1 **Blank Spike recovery is below lower control limit (B-).**
2,4-DB [2C] (38% @ 40-140%)

CC61724-BSD1 **Relative percent difference for duplicate is outside of criteria (D+).**
2,4,5-T (33% @ 30%), 2,4,5-TP (Silvex) (32% @ 30%), 2,4,5-TP (Silvex) [2C] (52% @ 30%), 2,4-D (31% @ 30%), 2,4-D [2C] (31% @ 30%), 2,4-DB (54% @ 30%), 2,4-DB [2C] (58% @ 30%), Dicamba [2C] (33% @ 30%), Dichlorprop [2C] (31% @ 30%), Dinoseb (43% @ 30%), Dinoseb [2C] (36% @ 30%), MCPA (32% @ 30%), MCPA [2C] (45% @ 30%), MCPP (36% @ 30%), MCPP [2C] (49% @ 30%)

CC62415-BSD1 **Blank Spike recovery is below lower control limit (B-).**
2,4-DB (14% @ 40-140%), 2,4-DB [2C] (12% @ 40-140%)

CC62415-BSD1 **Relative percent difference for duplicate is outside of criteria (D+).**

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

CURRENT SW-846 METHODOLOGY VERSIONS

Analytical Methods

1010A - Flashpoint
6010C - ICP
6020A - ICP MS
7010 - Graphite Furnace
7196A - Hexavalent Chromium
7470A - Aqueous Mercury
7471B - Solid Mercury
8011 - EDB/DBCP/TCP
8015D - GRO/DRO
8081B - Pesticides
8082A - PCB
8100M - TPH
8151A - Herbicides
8260B - VOA
8270D - SVOA
8270D SIM - SVOA Low Level
9014 - Cyanide
9038 - Sulfate
9040C - Aqueous pH
9045D - Solid pH (Corrosivity)
9050A - Specific Conductance
9056A - Anions (IC)
9060A - TOC
9095B - Paint Filter
MADEP 04-1.1 - EPH / VPH

Prep Methods

3005A - Aqueous ICP Digestion
3020A - Aqueous Graphite Furnace / ICP MS Digestion
3050B - Solid ICP / Graphite Furnace / ICP MS Digestion
3060A - Solid Hexavalent Chromium Digestion
3510C - Separatory Funnel Extraction
3520C - Liquid / Liquid Extraction
3540C - Manual Soxhlet Extraction
3541 - Automated Soxhlet Extraction
3546 - Microwave Extraction
3580A - Waste Dilution
5030B - Aqueous Purge and Trap
5030C - Aqueous Purge and Trap
5035 - Solid Purge and Trap

SW846 Reactivity Methods 7.3.3.2 (Reactive Cyanide) and 7.3.4.1 (Reactive Sulfide) have been withdrawn by EPA. These methods are reported per client request and are not NELAP accredited.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-10 0-6
Date Sampled: 03/15/16 09:07
Percent Solids: 85

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-01
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**11.4** (1.99)		6010C		1	ICP	03/21/16 15:38	2.95	100	CC61733
Lead	**14.1** (3.99)		6010C		1	ICP	03/21/16 15:38	2.95	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-10 0-6
Date Sampled: 03/15/16 09:07
Percent Solids: 85
Initial Volume: 20.2
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**P 0.0110** (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
4,4´-DDE	**0.0489** (0.0146)		8081B		5	03/23/16 14:38	CZC0317	CC61616
4,4´-DDT	**0.0607** (0.0146)		8081B		5	03/23/16 14:38	CZC0317	CC61616
Aldrin	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
alpha-BHC	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
alpha-Chlordane [2C]	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
beta-BHC	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Chlordane (Total)	ND (0.0349)		8081B		1	03/18/16 11:23	CZC0317	CC61616
delta-BHC	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Dieldrin [2C]	**0.0059** (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Endosulfan I	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Endosulfan II	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Endrin	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Endrin Aldehyde	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Endrin Ketone	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0017)		8081B		1	03/18/16 11:23	CZC0317	CC61616
gamma-Chlordane	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Heptachlor	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Heptachlor Epoxide [2C]	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Hexachlorobenzene	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Methoxychlor	ND (0.0029)		8081B		1	03/18/16 11:23	CZC0317	CC61616
Toxaphene	ND (0.146)		8081B		1	03/18/16 11:23	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*80 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*90 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*76 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*79 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-10 0-6
Date Sampled: 03/15/16 09:07
Percent Solids: 85
Initial Volume: 10
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: ML
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/23/16 7:57	CZC0390	CC61724
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/23/16 7:57	CZC0390	CC61724
2,4-D	ND (0.221)		8151A		1	03/23/16 7:57	CZC0390	CC61724
2,4-DB	ND (0.224)		8151A		1	03/23/16 7:57	CZC0390	CC61724
Dalapon	ND (0.214)		8151A		1	03/23/16 7:57	CZC0390	CC61724
Dicamba	ND (0.011)		8151A		1	03/23/16 7:57	CZC0390	CC61724
Dichlorprop	ND (0.221)		8151A		1	03/23/16 7:57	CZC0390	CC61724
Dinoseb	ND (0.224)		8151A		1	03/23/16 7:57	CZC0390	CC61724
MCPA	ND (21.9)		8151A		1	03/23/16 7:57	CZC0390	CC61724
MCPP	ND (22.1)		8151A		1	03/23/16 7:57	CZC0390	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*55 %*		*30-150*
Surrogate: DCAA [2C]	*56 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-10 18-24
Date Sampled: 03/15/16 09:45
Percent Solids: 84

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-02
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**12.4** (2.37)		6010C		1	JP	03/21/16 15:58	2.5	100	CC61733
Lead	**13.9** (4.75)		6010C		1	JP	03/21/16 15:58	2.5	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-10 18-24
Date Sampled: 03/15/16 09:45
Percent Solids: 84
Initial Volume: 20.2
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-02
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.0274** (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
4,4´-DDE	**0.0494** (0.0147)		8081B		5	03/23/16 15:12	CZC0317	CC61616
4,4´-DDT [2C]	**0.0744** (0.0147)		8081B		5	03/23/16 15:12	CZC0317	CC61616
Aldrin	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
alpha-BHC	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
alpha-Chlordane	**0.0115** (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
beta-BHC	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Chlordane (Total) [2C]	ND (0.0353)		8081B		1	03/18/16 11:56	CZC0317	CC61616
delta-BHC	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Dieldrin	**LC, P 0.0047** (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Endosulfan I	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Endosulfan II	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Endrin	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Endrin Aldehyde	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Endrin Ketone	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/18/16 11:56	CZC0317	CC61616
gamma-Chlordane [2C]	**0.0069** (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Heptachlor	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Heptachlor Epoxide	**0.0063** (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Hexachlorobenzene	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Methoxychlor	ND (0.0029)		8081B		1	03/18/16 11:56	CZC0317	CC61616
Toxaphene	ND (0.147)		8081B		1	03/18/16 11:56	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*99 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*103 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*82 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*85 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-10 18-24
Date Sampled: 03/15/16 09:45
Percent Solids: 84
Initial Volume: 10.2
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-02
Sample Matrix: Soil
Units: mg/kg dry
Analyst: ML
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/23/16 9:22	CZC0390	CC61724
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/23/16 9:22	CZC0390	CC61724
2,4-D	ND (0.219)		8151A		1	03/23/16 9:22	CZC0390	CC61724
2,4-DB	ND (0.221)		8151A		1	03/23/16 9:22	CZC0390	CC61724
Dalapon	ND (0.212)		8151A		1	03/23/16 9:22	CZC0390	CC61724
Dicamba	ND (0.011)		8151A		1	03/23/16 9:22	CZC0390	CC61724
Dichlorprop	ND (0.219)		8151A		1	03/23/16 9:22	CZC0390	CC61724
Dinoseb	ND (0.221)		8151A		1	03/23/16 9:22	CZC0390	CC61724
MCPA	ND (21.6)		8151A		1	03/23/16 9:22	CZC0390	CC61724
MCPP	ND (21.9)		8151A		1	03/23/16 9:22	CZC0390	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*54 %*		*30-150*
Surrogate: DCAA [2C]	*57 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-11 0-6
Date Sampled: 03/15/16 10:10
Percent Solids: 75

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-03
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**11.8** (2.96)		6010C		1	JP	03/21/16 16:02	2.24	100	CC61733
Lead	**31.8** (5.92)		6010C		1	JP	03/21/16 16:02	2.24	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-11 0-6
Date Sampled: 03/15/16 10:10
Percent Solids: 75
Initial Volume: 19.4
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-03
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	**LC, P 0.0526** (0.0171)		8081B		5	03/23/16 15:45	CZC0317	CC61616
4,4´-DDE	**1.60** (0.342)		8081B		100	03/23/16 16:51	CZC0317	CC61616
4,4´-DDT	**0.830** (0.342)		8081B		100	03/23/16 16:51	CZC0317	CC61616
Aldrin	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
alpha-BHC	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
alpha-Chlordane [2C]	**LC, P 0.0951** (0.0171)		8081B		5	03/23/16 15:45	CZC0317	CC61616
beta-BHC	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
Chlordane (Total)	**0.720** (0.205)		8081B		5	03/23/16 15:45	CZC0317	CC61616
delta-BHC	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
Dieldrin	**LC, P 0.0078** (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
Endosulfan I	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
Endosulfan II	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
Endrin	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
Endrin Aldehyde	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
Endrin Ketone	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0021)		8081B		1	03/18/16 12:29	CZC0317	CC61616
gamma-Chlordane [2C]	**0.107** (0.0171)		8081B		5	03/23/16 15:45	CZC0317	CC61616
Heptachlor	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
Heptachlor Epoxide	**0.282** (0.0855)		8081B		25	03/23/16 16:18	CZC0317	CC61616
Hexachlorobenzene	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
Methoxychlor	ND (0.0034)		8081B		1	03/18/16 12:29	CZC0317	CC61616
Toxaphene	ND (0.171)		8081B		1	03/18/16 12:29	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*76 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*80 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*64 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*64 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-11 0-6
Date Sampled: 03/15/16 10:10
Percent Solids: 75
Initial Volume: 10.3
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-03
Sample Matrix: Soil
Units: mg/kg dry
Analyst: ML
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/23/16 9:50	CZC0390	CC61724
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/23/16 9:50	CZC0390	CC61724
2,4-D	ND (0.242)		8151A		1	03/23/16 9:50	CZC0390	CC61724
2,4-DB	ND (0.245)		8151A		1	03/23/16 9:50	CZC0390	CC61724
Dalapon	ND (0.234)		8151A		1	03/23/16 9:50	CZC0390	CC61724
Dicamba	ND (0.012)		8151A		1	03/23/16 9:50	CZC0390	CC61724
Dichlorprop	ND (0.242)		8151A		1	03/23/16 9:50	CZC0390	CC61724
Dinoseb	ND (0.245)		8151A		1	03/23/16 9:50	CZC0390	CC61724
MCPA	ND (24.0)		8151A		1	03/23/16 9:50	CZC0390	CC61724
MCPP	ND (24.2)		8151A		1	03/23/16 9:50	CZC0390	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*88 %*		*30-150*
Surrogate: DCAA [2C]	*67 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-11 18-24
Date Sampled: 03/15/16 10:30
Percent Solids: 86

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-04
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**11.7** (2.25)		6010C		1	JP	03/21/16 16:06	2.59	100	CC61733
Lead	**8.48** (4.51)		6010C		1	JP	03/21/16 16:06	2.59	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-11 18-24
Date Sampled: 03/15/16 10:30
Percent Solids: 86
Initial Volume: 19.8
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-04
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
4,4´-DDE	**0.0673** (0.0147)		8081B		5	03/23/16 17:25	CZC0317	CC61616
4,4´-DDT	**0.0467** (0.0147)		8081B		5	03/23/16 17:25	CZC0317	CC61616
Aldrin	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
alpha-BHC	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
alpha-Chlordane [2C]	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
beta-BHC	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Chlordane (Total)	ND (0.0354)		8081B		1	03/18/16 13:02	CZC0317	CC61616
delta-BHC	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Dieldrin	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Endosulfan I	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Endosulfan II	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Endrin	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Endrin Aldehyde	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Endrin Ketone	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/18/16 13:02	CZC0317	CC61616
gamma-Chlordane	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Heptachlor	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Heptachlor Epoxide	**0.0037** (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Hexachlorobenzene	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Methoxychlor	ND (0.0029)		8081B		1	03/18/16 13:02	CZC0317	CC61616
Toxaphene	ND (0.147)		8081B		1	03/18/16 13:02	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*97 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*101 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*84 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*85 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-11 18-24
Date Sampled: 03/15/16 10:30
Percent Solids: 86
Initial Volume: 10.3
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-04
Sample Matrix: Soil
Units: mg/kg dry
Analyst: ML
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/23/16 10:18	CZC0390	CC61724
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/23/16 10:18	CZC0390	CC61724
2,4-D	ND (0.213)		8151A		1	03/23/16 10:18	CZC0390	CC61724
2,4-DB	ND (0.215)		8151A		1	03/23/16 10:18	CZC0390	CC61724
Dalapon	ND (0.206)		8151A		1	03/23/16 10:18	CZC0390	CC61724
Dicamba	ND (0.011)		8151A		1	03/23/16 10:18	CZC0390	CC61724
Dichlorprop	ND (0.213)		8151A		1	03/23/16 10:18	CZC0390	CC61724
Dinoseb	ND (0.215)		8151A		1	03/23/16 10:18	CZC0390	CC61724
MCPA	ND (21.1)		8151A		1	03/23/16 10:18	CZC0390	CC61724
MCPP	ND (21.3)		8151A		1	03/23/16 10:18	CZC0390	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*57 %*		*30-150*
Surrogate: DCAA [2C]	*52 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-12 0-6
Date Sampled: 03/15/16 10:50
Percent Solids: 80

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-05
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**16.9** (3.01)		6010C		1	JP	03/21/16 16:10	2.07	100	CC61733
Lead	**76.6** (6.02)		6010C		1	JP	03/21/16 16:10	2.07	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-12 0-6
Date Sampled: 03/15/16 10:50
Percent Solids: 80
Initial Volume: 19.3
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-05
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	**LC, P 0.0160** (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
4,4´-DDE	**1.10** (0.323)		8081B		100	03/23/16 19:04	CZC0317	CC61616
4,4´-DDT	**0.682** (0.323)		8081B		100	03/23/16 19:04	CZC0317	CC61616
Aldrin	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
alpha-BHC	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
alpha-Chlordane	**P 0.0541** (0.0161)		8081B		5	03/23/16 17:58	CZC0317	CC61616
beta-BHC	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
Chlordane (Total) [2C]	**0.206** (0.0387)		8081B		1	03/18/16 13:35	CZC0317	CC61616
delta-BHC	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
Dieldrin	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
Endosulfan I	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
Endosulfan II	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
Endrin	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
Endrin Aldehyde	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
Endrin Ketone	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0019)		8081B		1	03/18/16 13:35	CZC0317	CC61616
gamma-Chlordane [2C]	**0.0310** (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
Heptachlor	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
Heptachlor Epoxide	**0.0741** (0.0161)		8081B		5	03/23/16 17:58	CZC0317	CC61616
Methoxychlor	ND (0.0032)		8081B		1	03/18/16 13:35	CZC0317	CC61616
Toxaphene	ND (0.161)		8081B		1	03/18/16 13:35	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*87 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*101 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*75 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*77 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-12 0-6
Date Sampled: 03/15/16 10:50
Percent Solids: 80
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-05
Sample Matrix: Soil
Units: mg/kg dry
Analyst: ML
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/23/16 10:47	CZC0390	CC61724
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/23/16 10:47	CZC0390	CC61724
2,4-D	ND (0.232)		8151A		1	03/23/16 10:47	CZC0390	CC61724
2,4-DB	ND (0.234)		8151A		1	03/23/16 10:47	CZC0390	CC61724
Dalapon	ND (0.224)		8151A		1	03/23/16 10:47	CZC0390	CC61724
Dicamba	ND (0.012)		8151A		1	03/23/16 10:47	CZC0390	CC61724
Dichlorprop	ND (0.232)		8151A		1	03/23/16 10:47	CZC0390	CC61724
Dinoseb	ND (0.234)		8151A		1	03/23/16 10:47	CZC0390	CC61724
MCPA	ND (22.9)		8151A		1	03/23/16 10:47	CZC0390	CC61724
MCPP	ND (23.2)		8151A		1	03/23/16 10:47	CZC0390	CC61724

	%Recovery	*Qualifier*	*Limits*
Surrogate: DCAA	*64 %*		*30-150*
Surrogate: DCAA [2C]	*86 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-12 18-24
Date Sampled: 03/15/16 11:15
Percent Solids: 82

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-06
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**14.4** (2.12)		6010C		1	JP	03/21/16 16:13	2.89	100	CC61733
Lead	**85.2** (4.24)		6010C		1	JP	03/21/16 16:13	2.89	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-12 18-24
Date Sampled: 03/15/16 11:15
Percent Solids: 82
Initial Volume: 20.1
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-06
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.0095** (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
4,4´-DDE	**0.309** (0.0609)		8081B		20	03/23/16 20:11	CZC0317	CC61616
4,4´-DDT [2C]	**0.244** (0.0609)		8081B		20	03/23/16 20:11	CZC0317	CC61616
Aldrin	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
alpha-BHC	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
alpha-Chlordane	**0.0122** (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
beta-BHC	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Chlordane (Total) [2C]	**P 0.0844** (0.0365)		8081B		1	03/18/16 14:08	CZC0317	CC61616
delta-BHC	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Dieldrin	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Endosulfan I	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Endosulfan II	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Endrin	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Endrin Aldehyde	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Endrin Ketone	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/18/16 14:08	CZC0317	CC61616
gamma-Chlordane	**LC, P 0.0060** (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Heptachlor	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Heptachlor Epoxide [2C]	**0.0215** (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Hexachlorobenzene	**0.0092** (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Methoxychlor	ND (0.0030)		8081B		1	03/18/16 14:08	CZC0317	CC61616
Toxaphene	ND (0.152)		8081B		1	03/18/16 14:08	CZC0317	CC61616

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*98 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*100 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*87 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*92 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-12 18-24
Date Sampled: 03/15/16 11:15
Percent Solids: 82
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-06
Sample Matrix: Soil
Units: mg/kg dry
Analyst: ML
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/23/16 11:15	CZC0390	CC61724
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/23/16 11:15	CZC0390	CC61724
2,4-D	ND (0.228)		8151A		1	03/23/16 11:15	CZC0390	CC61724
2,4-DB	ND (0.230)		8151A		1	03/23/16 11:15	CZC0390	CC61724
Dalapon	ND (0.221)		8151A		1	03/23/16 11:15	CZC0390	CC61724
Dicamba	ND (0.011)		8151A		1	03/23/16 11:15	CZC0390	CC61724
Dichlorprop	ND (0.228)		8151A		1	03/23/16 11:15	CZC0390	CC61724
Dinoseb	ND (0.230)		8151A		1	03/23/16 11:15	CZC0390	CC61724
MCPA	ND (22.5)		8151A		1	03/23/16 11:15	CZC0390	CC61724
MCPP	ND (22.8)		8151A		1	03/23/16 11:15	CZC0390	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*80 %*		*30-150*
Surrogate: DCAA [2C]	*73 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-13 0-6
Date Sampled: 03/15/16 11:45
Percent Solids: 53

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-07
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**32.5** (3.10)		6010C		1	ICP	03/21/16 17:32	3.03	100	CC61733
Lead	**304** (6.20)		6010C		1	ICP	03/21/16 17:32	3.03	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-13 0-6
Date Sampled: 03/15/16 11:45
Percent Solids: 53
Initial Volume: 19.6
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-07
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.117** (0.0239)		8081B		5	03/23/16 20:44	CZC0317	CC61616
4,4´-DDE	**1.58** (0.479)		8081B		100	03/23/16 21:51	CZC0317	CC61616
4,4´-DDT [2C]	**P 0.0788** (0.0239)		8081B		5	03/23/16 20:44	CZC0317	CC61616
Aldrin	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
alpha-BHC	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
alpha-Chlordane	**P 0.106** (0.0239)		8081B		5	03/23/16 20:44	CZC0317	CC61616
beta-BHC	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Chlordane (Total) [2C]	**0.309** (0.0575)		8081B		1	03/18/16 14:41	CZC0317	CC61616
delta-BHC	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Dieldrin	**0.0048** (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Endosulfan I	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Endosulfan II	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Endrin	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Endrin Aldehyde	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Endrin Ketone	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0029)		8081B		1	03/18/16 14:41	CZC0317	CC61616
gamma-Chlordane	**0.0422** (0.0239)		8081B		5	03/23/16 20:44	CZC0317	CC61616
Heptachlor	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Heptachlor Epoxide	**0.0337** (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Hexachlorobenzene [2C]	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Methoxychlor	ND (0.0048)		8081B		1	03/18/16 14:41	CZC0317	CC61616
Toxaphene	ND (0.239)		8081B		1	03/18/16 14:41	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*37 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*36 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*31 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*30 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-13 0-6
Date Sampled: 03/15/16 11:45
Percent Solids: 53
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-07
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.018)		8151A		1	03/23/16 22:07	CZC0398	CC61724
2,4,5-TP (Silvex)	ND (0.018)		8151A		1	03/23/16 22:07	CZC0398	CC61724
2,4-D	ND (0.349)		8151A		1	03/23/16 22:07	CZC0398	CC61724
2,4-DB	ND (0.353)		8151A		1	03/23/16 22:07	CZC0398	CC61724
Dalapon	ND (0.338)		8151A		1	03/23/16 22:07	CZC0398	CC61724
Dicamba	ND (0.017)		8151A		1	03/23/16 22:07	CZC0398	CC61724
Dichlorprop	ND (0.349)		8151A		1	03/23/16 22:07	CZC0398	CC61724
Dinoseb	ND (0.353)		8151A		1	03/23/16 22:07	CZC0398	CC61724
MCPA	ND (34.6)		8151A		1	03/23/16 22:07	CZC0398	CC61724
MCPP	# ND (34.9)		8151A		1	03/23/16 22:07	CZC0398	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*57 %*		*30-150*
Surrogate: DCAA [2C]	*63 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-13 18-24
Date Sampled: 03/15/16 12:07
Percent Solids: 77

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-08
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**9.73** (2.75)		6010C		1	ICP	03/21/16 17:36	2.36	100	CC61733
Lead	**11.6** (5.51)		6010C		1	ICP	03/21/16 17:36	2.36	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-13 18-24
Date Sampled: 03/15/16 12:07
Percent Solids: 77
Initial Volume: 19.5
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-08
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
4,4´-DDE	**0.0081** (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
4,4´-DDT	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Aldrin	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
alpha-BHC	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
alpha-Chlordane	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
beta-BHC	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Chlordane (Total)	ND (0.0400)		8081B		1	03/18/16 15:14	CZC0317	CC61616
delta-BHC	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Dieldrin	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Endosulfan I	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Endosulfan II	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Endrin	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Endrin Aldehyde	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Endrin Ketone	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0020)		8081B		1	03/18/16 15:14	CZC0317	CC61616
gamma-Chlordane	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Heptachlor	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Heptachlor Epoxide	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Hexachlorobenzene	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Methoxychlor	ND (0.0033)		8081B		1	03/18/16 15:14	CZC0317	CC61616
Toxaphene	ND (0.167)		8081B		1	03/18/16 15:14	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*76 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*76 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*72 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*73 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-13 18-24
Date Sampled: 03/15/16 12:07
Percent Solids: 77
Initial Volume: 10.3
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-08
Sample Matrix: Soil
Units: mg/kg dry
Analyst: ML
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/23/16 12:11	CZC0390	CC61724
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/23/16 12:11	CZC0390	CC61724
2,4-D	ND (0.237)		8151A		1	03/23/16 12:11	CZC0390	CC61724
2,4-DB	ND (0.240)		8151A		1	03/23/16 12:11	CZC0390	CC61724
Dalapon	ND (0.230)		8151A		1	03/23/16 12:11	CZC0390	CC61724
Dicamba	ND (0.012)		8151A		1	03/23/16 12:11	CZC0390	CC61724
Dichlorprop	ND (0.237)		8151A		1	03/23/16 12:11	CZC0390	CC61724
Dinoseb	ND (0.240)		8151A		1	03/23/16 12:11	CZC0390	CC61724
MCPA	ND (23.5)		8151A		1	03/23/16 12:11	CZC0390	CC61724
MCPP	ND (23.7)		8151A		1	03/23/16 12:11	CZC0390	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*61 %*		*30-150*
Surrogate: DCAA [2C]	*59 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-14 0-6
Date Sampled: 03/15/16 13:15
Percent Solids: 84

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-09
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**10.3** (2.55)		6010C		1	ICP	03/21/16 17:40	2.34	100	CC61733
Lead	**20.4** (5.10)		6010C		1	ICP	03/21/16 17:40	2.34	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-14 0-6
Date Sampled: 03/15/16 13:15
Percent Solids: 84
Initial Volume: 19.4
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-09
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	**LC, P 0.0079** (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
4,4´-DDE	**0.0622** (0.0154)		8081B		5	03/24/16 1:10	CZC0317	CC61616
4,4´-DDT [2C]	**0.0146** (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Aldrin	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
alpha-BHC	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
alpha-Chlordane	**P 0.0690** (0.0154)		8081B		5	03/24/16 1:10	CZC0317	CC61616
beta-BHC	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Chlordane (Total) [2C]	**0.171** (0.0369)		8081B		1	03/18/16 15:47	CZC0317	CC61616
delta-BHC	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Dieldrin	**LC, P 0.0036** (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Endosulfan I	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Endosulfan II	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Endrin	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Endrin Aldehyde	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Endrin Ketone	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/18/16 15:47	CZC0317	CC61616
gamma-Chlordane [2C]	**0.0282** (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Heptachlor	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Heptachlor Epoxide	**0.0147** (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Hexachlorobenzene	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Methoxychlor	ND (0.0031)		8081B		1	03/18/16 15:47	CZC0317	CC61616
Toxaphene	ND (0.154)		8081B		1	03/18/16 15:47	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*104 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*107 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*90 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*95 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-14 0-6
Date Sampled: 03/15/16 13:15
Percent Solids: 84
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-09
Sample Matrix: Soil
Units: mg/kg dry
Analyst: ML
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/23/16 12:39	CZC0390	CC61724
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/23/16 12:39	CZC0390	CC61724
2,4-D	ND (0.222)		8151A		1	03/23/16 12:39	CZC0390	CC61724
2,4-DB	ND (0.225)		8151A		1	03/23/16 12:39	CZC0390	CC61724
Dalapon	ND (0.215)		8151A		1	03/23/16 12:39	CZC0390	CC61724
Dicamba	ND (0.011)		8151A		1	03/23/16 12:39	CZC0390	CC61724
Dichlorprop	ND (0.222)		8151A		1	03/23/16 12:39	CZC0390	CC61724
Dinoseb	ND (0.225)		8151A		1	03/23/16 12:39	CZC0390	CC61724
MCPA	ND (22.0)		8151A		1	03/23/16 12:39	CZC0390	CC61724
MCPP	ND (22.2)		8151A		1	03/23/16 12:39	CZC0390	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*61 %*		*30-150*
Surrogate: DCAA [2C]	*55 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-14 18-24
Date Sampled: 03/15/16 13:45
Percent Solids: 74

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-10
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**16.4** (3.12)		6010C		1	ICP	03/21/16 17:44	2.17	100	CC61733
Lead	**11.2** (6.23)		6010C		1	ICP	03/21/16 17:44	2.17	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-14 18-24
Date Sampled: 03/15/16 13:45
Percent Solids: 74
Initial Volume: 19.5
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-10
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
4,4´-DDE [2C]	**0.0035** (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
4,4´-DDT	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Aldrin	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
alpha-BHC	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
alpha-Chlordane	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
beta-BHC	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Chlordane (Total)	ND (0.0416)		8081B		1	03/18/16 18:33	CZC0317	CC61616
delta-BHC	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Dieldrin	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Endosulfan I	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Endosulfan II	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Endrin	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Endrin Aldehyde	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Endrin Ketone	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0021)		8081B		1	03/18/16 18:33	CZC0317	CC61616
gamma-Chlordane	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Heptachlor	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Heptachlor Epoxide	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Hexachlorobenzene	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Methoxychlor	ND (0.0035)		8081B		1	03/18/16 18:33	CZC0317	CC61616
Toxaphene	ND (0.173)		8081B		1	03/18/16 18:33	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*104 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*97 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*80 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*82 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-14 18-24
Date Sampled: 03/15/16 13:45
Percent Solids: 74
Initial Volume: 10.2
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-10
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.013)		8151A		1	03/23/16 14:32	CZC0398	CC61724
2,4,5-TP (Silvex)	ND (0.013)		8151A		1	03/23/16 14:32	CZC0398	CC61724
2,4-D	ND (0.249)		8151A		1	03/23/16 14:32	CZC0398	CC61724
2,4-DB	ND (0.252)		8151A		1	03/23/16 14:32	CZC0398	CC61724
Dalapon	ND (0.241)		8151A		1	03/23/16 14:32	CZC0398	CC61724
Dicamba	ND (0.012)		8151A		1	03/23/16 14:32	CZC0398	CC61724
Dichlorprop	ND (0.249)		8151A		1	03/23/16 14:32	CZC0398	CC61724
Dinoseb	ND (0.252)		8151A		1	03/23/16 14:32	CZC0398	CC61724
MCPA	ND (24.7)		8151A		1	03/23/16 14:32	CZC0398	CC61724
MCPP	ND (24.9)		8151A		1	03/23/16 14:32	CZC0398	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*70 %*		*30-150*
Surrogate: DCAA [2C]	*64 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-15 0-6
Date Sampled: 03/15/16 14:15
Percent Solids: 72

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-11
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**17.8** (2.68)		6010C		1	ICP	03/21/16 17:48	2.58	100	CC61733
Lead	**56.5** (5.36)		6010C		1	ICP	03/21/16 17:48	2.58	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-15 0-6
Date Sampled: 03/15/16 14:15
Percent Solids: 72
Initial Volume: 19.2
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-11
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.266** (0.0900)		8081B		25	03/24/16 2:17	CZC0317	CC61616
4,4´-DDE	**2.00** (0.360)		8081B		100	03/24/16 2:50	CZC0317	CC61616
4,4´-DDT	**0.840** (0.0900)		8081B		25	03/24/16 2:17	CZC0317	CC61616
Aldrin	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
alpha-BHC	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
alpha-Chlordane [2C]	**LC, P 0.153** (0.0180)		8081B		5	03/24/16 1:44	CZC0317	CC61616
beta-BHC	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
Chlordane (Total)	**0.864** (0.216)		8081B		5	03/24/16 1:44	CZC0317	CC61616
delta-BHC	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
Dieldrin	**LC, P 0.0226** (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
Endosulfan I	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
Endosulfan II	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
Endrin	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
Endrin Aldehyde	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
Endrin Ketone	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0022)		8081B		1	03/18/16 19:06	CZC0317	CC61616
gamma-Chlordane [2C]	**0.0938** (0.0180)		8081B		5	03/24/16 1:44	CZC0317	CC61616
Heptachlor	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
Heptachlor Epoxide	**0.105** (0.0180)		8081B		5	03/24/16 1:44	CZC0317	CC61616
Hexachlorobenzene	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
Methoxychlor	ND (0.0036)		8081B		1	03/18/16 19:06	CZC0317	CC61616
Toxaphene	ND (0.180)		8081B		1	03/18/16 19:06	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*84 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*91 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*68 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*79 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-15 0-6
Date Sampled: 03/15/16 14:15
Percent Solids: 72
Initial Volume: 10.3
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-11
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.013)		8151A		1	03/23/16 15:00	CZC0398	CC61724
2,4,5-TP (Silvex)	ND (0.013)		8151A		1	03/23/16 15:00	CZC0398	CC61724
2,4-D	ND (0.252)		8151A		1	03/23/16 15:00	CZC0398	CC61724
2,4-DB	ND (0.255)		8151A		1	03/23/16 15:00	CZC0398	CC61724
Dalapon	ND (0.244)		8151A		1	03/23/16 15:00	CZC0398	CC61724
Dicamba	ND (0.013)		8151A		1	03/23/16 15:00	CZC0398	CC61724
Dichlorprop	ND (0.252)		8151A		1	03/23/16 15:00	CZC0398	CC61724
Dinoseb	ND (0.255)		8151A		1	03/23/16 15:00	CZC0398	CC61724
MCPA	ND (25.0)		8151A		1	03/23/16 15:00	CZC0398	CC61724
MCPP	ND (25.2)		8151A		1	03/23/16 15:00	CZC0398	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*83 %*		*30-150*
Surrogate: DCAA [2C]	*61 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-15 18-24
Date Sampled: 03/15/16 14:35
Percent Solids: 84

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-12
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**12.2** (2.20)		6010C		1	ICP	03/21/16 17:52	2.72	100	CC61733
Lead	**10.2** (4.39)		6010C		1	ICP	03/21/16 17:52	2.72	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-15 18-24
Date Sampled: 03/15/16 14:35
Percent Solids: 84
Initial Volume: 19.6
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-12
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
4,4´-DDE	**0.0338** (0.0152)		8081B		5	03/24/16 3:23	CZC0317	CC61616
4,4´-DDT [2C]	**0.0182** (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Aldrin	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
alpha-BHC	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
alpha-Chlordane [2C]	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
beta-BHC	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Chlordane (Total)	ND (0.0366)		8081B		1	03/18/16 20:45	CZC0317	CC61616
delta-BHC	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Dieldrin	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Endosulfan I	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Endosulfan II	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Endrin	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Endrin Aldehyde	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Endrin Ketone	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/18/16 20:45	CZC0317	CC61616
gamma-Chlordane	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Heptachlor	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Heptachlor Epoxide	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Hexachlorobenzene	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Methoxychlor	ND (0.0030)		8081B		1	03/18/16 20:45	CZC0317	CC61616
Toxaphene	ND (0.152)		8081B		1	03/18/16 20:45	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*107 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*111 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*87 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*88 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-15 18-24
Date Sampled: 03/15/16 14:35
Percent Solids: 84
Initial Volume: 10.4
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-12
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/23/16 15:28	CZC0398	CC61724
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/23/16 15:28	CZC0398	CC61724
2,4-D	ND (0.216)		8151A		1	03/23/16 15:28	CZC0398	CC61724
2,4-DB	ND (0.218)		8151A		1	03/23/16 15:28	CZC0398	CC61724
Dalapon	ND (0.209)		8151A		1	03/23/16 15:28	CZC0398	CC61724
Dicamba	ND (0.011)		8151A		1	03/23/16 15:28	CZC0398	CC61724
Dichlorprop	ND (0.216)		8151A		1	03/23/16 15:28	CZC0398	CC61724
Dinoseb	ND (0.218)		8151A		1	03/23/16 15:28	CZC0398	CC61724
MCPA	ND (21.4)		8151A		1	03/23/16 15:28	CZC0398	CC61724
MCPP	ND (21.6)		8151A		1	03/23/16 15:28	CZC0398	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*60 %*		*30-150*
Surrogate: DCAA [2C]	*61 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-16 0-6
Date Sampled: 03/15/16 14:45
Percent Solids: 71

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-13
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**15.1** (2.88)		6010C		1	ICP	03/21/16 17:56	2.45	100	CC61733
Lead	**19.9** (5.77)		6010C		1	ICP	03/21/16 17:56	2.45	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-16 0-6
Date Sampled: 03/15/16 14:45
Percent Solids: 71
Initial Volume: 19.4
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-13
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.0292** (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
4,4´-DDE	**0.376** (0.0910)		8081B		25	03/24/16 4:30	CZC0317	CC61616
4,4´-DDT [2C]	**0.0539** (0.0182)		8081B		5	03/24/16 3:57	CZC0317	CC61616
Aldrin	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
alpha-BHC	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
alpha-Chlordane [2C]	**LC, P 0.0111** (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
beta-BHC	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Chlordane (Total)	**0.0614** (0.0437)		8081B		1	03/18/16 21:18	CZC0317	CC61616
delta-BHC	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Dieldrin	**LC, P 0.0037** (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Endosulfan I	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Endosulfan II	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Endosulfan Sulfate	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Endrin	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Endrin Aldehyde	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Endrin Ketone	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
gamma-BHC (Lindane)	ND (0.0022)		8081B		1	03/18/16 21:18	CZC0317	CC61616
gamma-Chlordane [2C]	**0.0073** (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Heptachlor	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Heptachlor Epoxide [2C]	**LC, P 0.0043** (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Hexachlorobenzene [2C]	**LC, P 0.0064** (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Methoxychlor	ND (0.0036)		8081B		1	03/18/16 21:18	CZC0317	CC61616
Toxaphene	ND (0.182)		8081B		1	03/18/16 21:18	CZC0317	CC61616

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*108 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*106 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*110 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*111 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-16 0-6
Date Sampled: 03/15/16 14:45
Percent Solids: 71
Initial Volume: 10.5
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-13
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/17/16 12:30

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.013)		8151A		1	03/23/16 15:57	CZC0398	CC61724
2,4,5-TP (Silvex)	ND (0.013)		8151A		1	03/23/16 15:57	CZC0398	CC61724
2,4-D	ND (0.253)		8151A		1	03/23/16 15:57	CZC0398	CC61724
2,4-DB	ND (0.256)		8151A		1	03/23/16 15:57	CZC0398	CC61724
Dalapon	ND (0.245)		8151A		1	03/23/16 15:57	CZC0398	CC61724
Dicamba	ND (0.013)		8151A		1	03/23/16 15:57	CZC0398	CC61724
Dichlorprop	ND (0.253)		8151A		1	03/23/16 15:57	CZC0398	CC61724
Dinoseb	ND (0.256)		8151A		1	03/23/16 15:57	CZC0398	CC61724
MCPA	ND (25.0)		8151A		1	03/23/16 15:57	CZC0398	CC61724
MCPP	ND (25.3)		8151A		1	03/23/16 15:57	CZC0398	CC61724

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*67 %*		*30-150*
Surrogate: DCAA [2C]	*55 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-16 18-24
Date Sampled: 03/15/16 14:50
Percent Solids: 77

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-14
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**13.0** (2.49)		6010C		1	ICP	03/21/16 18:00	2.61	100	CC61733
Lead	**11.2** (4.98)		6010C		1	ICP	03/21/16 18:00	2.61	100	CC61733

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-16 18-24
Date Sampled: 03/15/16 14:50
Percent Solids: 77
Initial Volume: 19.6
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-14
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/16/16 12:36

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
4,4´-DDE	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
4,4´-DDT	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Aldrin	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
alpha-BHC	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
alpha-Chlordane	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
beta-BHC	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Chlordane (Total)	ND (0.0398)		8081B		1	03/24/16 5:03	CZC0382	CC62453
delta-BHC	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Dieldrin	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Endosulfan I	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Endosulfan II	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Endosulfan Sulfate	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Endrin	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Endrin Aldehyde	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Endrin Ketone	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
gamma-BHC (Lindane)	ND (0.0020)		8081B		1	03/24/16 5:03	CZC0382	CC62453
gamma-Chlordane	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Heptachlor	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Heptachlor Epoxide	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Hexachlorobenzene	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Methoxychlor	ND (0.0033)		8081B		1	03/24/16 5:03	CZC0382	CC62453
Toxaphene	ND (0.166)		8081B		1	03/24/16 5:03	CZC0382	CC62453

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*95 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*95 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*82 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*80 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-16 18-24
Date Sampled: 03/15/16 14:50
Percent Solids: 77
Initial Volume: 10.5
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603375
ESS Laboratory Sample ID: 1603375-14
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/24/16 11:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/25/16 18:08	CZC0455	CC62415
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/25/16 18:08	CZC0455	CC62415
2,4-D	ND (0.233)		8151A		1	03/25/16 18:08	CZC0455	CC62415
2,4-DB	ND (0.235)		8151A		1	03/25/16 18:08	CZC0455	CC62415
Dalapon	ND (0.225)		8151A		1	03/25/16 18:08	CZC0455	CC62415
Dicamba	ND (0.012)		8151A		1	03/25/16 18:08	CZC0455	CC62415
Dichlorprop	ND (0.233)		8151A		1	03/25/16 18:08	CZC0455	CC62415
Dinoseb	ND (0.235)		8151A		1	03/25/16 18:08	CZC0455	CC62415
MCPA	ND (23.0)		8151A		1	03/25/16 18:08	CZC0455	CC62415
MCPP	# ND (23.3)		8151A		1	03/25/16 18:08	CZC0455	CC62415

	%Recovery	*Qualifier*	*Limits*
Surrogate: DCAA	*51 %*		*30-150*
Surrogate: DCAA [2C]	*56 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC61616 - 3546										
Blank										
4,4´-DDD	ND	0.0025	mg/kg wet							
4,4´-DDD [2C]	ND	0.0025	mg/kg wet							
4,4´-DDE	ND	0.0025	mg/kg wet							
4,4´-DDE [2C]	ND	0.0025	mg/kg wet							
4,4´-DDT	ND	0.0025	mg/kg wet							
4,4´-DDT [2C]	ND	0.0025	mg/kg wet							
Aldrin	ND	0.0025	mg/kg wet							
Aldrin [2C]	ND	0.0025	mg/kg wet							
alpha-BHC	ND	0.0025	mg/kg wet							
alpha-BHC [2C]	ND	0.0025	mg/kg wet							
alpha-Chlordane	ND	0.0025	mg/kg wet							
alpha-Chlordane [2C]	ND	0.0025	mg/kg wet							
beta-BHC	ND	0.0025	mg/kg wet							
beta-BHC [2C]	ND	0.0025	mg/kg wet							
delta-BHC	ND	0.0025	mg/kg wet							
delta-BHC [2C]	ND	0.0025	mg/kg wet							
Dieldrin	ND	0.0025	mg/kg wet							
Dieldrin [2C]	ND	0.0025	mg/kg wet							
Endosulfan I	ND	0.0025	mg/kg wet							
Endosulfan I [2C]	ND	0.0025	mg/kg wet							
Endosulfan II	ND	0.0025	mg/kg wet							
Endosulfan II [2C]	ND	0.0025	mg/kg wet							
Endosulfan Sulfate	ND	0.0025	mg/kg wet							
Endosulfan Sulfate [2C]	ND	0.0025	mg/kg wet							
Endrin	ND	0.0025	mg/kg wet							
Endrin [2C]	ND	0.0025	mg/kg wet							
Endrin Aldehyde	ND	0.0025	mg/kg wet							
Endrin Aldehyde [2C]	ND	0.0025	mg/kg wet							
Endrin Ketone	ND	0.0025	mg/kg wet							
Endrin Ketone [2C]	ND	0.0025	mg/kg wet							
gamma-BHC (Lindane)	ND	0.0015	mg/kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0015	mg/kg wet							
gamma-Chlordane	ND	0.0025	mg/kg wet							
gamma-Chlordane [2C]	ND	0.0025	mg/kg wet							
Heptachlor	ND	0.0025	mg/kg wet							
Heptachlor [2C]	ND	0.0025	mg/kg wet							
Heptachlor Epoxide	ND	0.0025	mg/kg wet							
Heptachlor Epoxide [2C]	ND	0.0025	mg/kg wet							
Hexachlorobenzene	ND	0.0025	mg/kg wet							
Hexachlorobenzene [2C]	ND	0.0025	mg/kg wet							
Methoxychlor	ND	0.0025	mg/kg wet							
Methoxychlor [2C]	ND	0.0025	mg/kg wet							
Surrogate: Decachlorobiphenyl	*0.0130*		mg/kg wet	*0.01250*		*104*	*30-150*			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC61616 - 3546										
Surrogate: Decachlorobiphenyl [2C]	*0.0130*		mg/kg wet	*0.01250*		*104*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0117*		mg/kg wet	*0.01250*		*94*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0114*		mg/kg wet	*0.01250*		*91*	*30-150*			
LCS										
4,4´-DDD	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
4,4´-DDD [2C]	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
4,4´-DDE	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
4,4´-DDE [2C]	0.0121	0.0025	mg/kg wet	0.01250		96	40-140			
4,4´-DDT	0.0131	0.0025	mg/kg wet	0.01250		105	40-140			
4,4´-DDT [2C]	0.0133	0.0025	mg/kg wet	0.01250		106	40-140			
Aldrin	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
Aldrin [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
alpha-BHC	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
alpha-BHC [2C]	0.0109	0.0025	mg/kg wet	0.01250		88	40-140			
alpha-Chlordane	0.0117	0.0025	mg/kg wet	0.01250		93	40-140			
alpha-Chlordane [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
beta-BHC	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
beta-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
delta-BHC	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
delta-BHC [2C]	0.0112	0.0025	mg/kg wet	0.01250		90	40-140			
Dieldrin	0.0121	0.0025	mg/kg wet	0.01250		96	40-140			
Dieldrin [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Endosulfan I	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
Endosulfan I [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
Endosulfan II	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
Endosulfan II [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Endosulfan Sulfate	0.0124	0.0025	mg/kg wet	0.01250		99	40-140			
Endosulfan Sulfate [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140			
Endrin	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
Endrin [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
Endrin Aldehyde	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Endrin Aldehyde [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Endrin Ketone	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
Endrin Ketone [2C]	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
gamma-BHC (Lindane)	0.0117	0.0015	mg/kg wet	0.01250		94	40-140			
gamma-BHC (Lindane) [2C]	0.0112	0.0015	mg/kg wet	0.01250		89	40-140			
gamma-Chlordane	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
gamma-Chlordane [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Heptachlor	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
Heptachlor [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
Heptachlor Epoxide	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Heptachlor Epoxide [2C]	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
Hexachlorobenzene	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Hexachlorobenzene [2C]	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

Quality Control Data

8081B Organochlorine Pesticides

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch CC61616 - 3546										
Methoxychlor	0.0129	0.0025	mg/kg wet	0.01250		103	40-140			
Methoxychlor [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
Surrogate: Decachlorobiphenyl	*0.0123*		mg/kg wet	*0.01250*		*99*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0123*		mg/kg wet	*0.01250*		*98*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0115*		mg/kg wet	*0.01250*		*92*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0113*		mg/kg wet	*0.01250*		*91*	*30-150*			
LCS Dup										
4,4´-DDD	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	7	30	
4,4´-DDD [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
4,4´-DDE	0.0126	0.0025	mg/kg wet	0.01250		101	40-140	4	30	
4,4´-DDE [2C]	0.0126	0.0025	mg/kg wet	0.01250		101	40-140	4	30	
4,4´-DDT	0.0142	0.0025	mg/kg wet	0.01250		113	40-140	8	30	
4,4´-DDT [2C]	0.0142	0.0025	mg/kg wet	0.01250		113	40-140	7	30	
Aldrin	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
Aldrin [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	4	30	
alpha-BHC	0.0126	0.0025	mg/kg wet	0.01250		101	40-140	4	30	
alpha-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	5	30	
alpha-Chlordane	0.0122	0.0025	mg/kg wet	0.01250		97	40-140	4	30	
alpha-Chlordane [2C]	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	4	30	
beta-BHC	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	4	30	
beta-BHC [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	4	30	
delta-BHC	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
delta-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	3	30	
Dieldrin	0.0126	0.0025	mg/kg wet	0.01250		101	40-140	4	30	
Dieldrin [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140	4	30	
Endosulfan I	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	5	30	
Endosulfan I [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	4	30	
Endosulfan II	0.0124	0.0025	mg/kg wet	0.01250		100	40-140	6	30	
Endosulfan II [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	4	30	
Endosulfan Sulfate	0.0129	0.0025	mg/kg wet	0.01250		103	40-140	4	30	
Endosulfan Sulfate [2C]	0.0132	0.0025	mg/kg wet	0.01250		106	40-140	4	30	
Endrin	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	5	30	
Endrin [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	4	30	
Endrin Aldehyde	0.0117	0.0025	mg/kg wet	0.01250		94	40-140	2	30	
Endrin Aldehyde [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	0.5	30	
Endrin Ketone	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	5	30	
Endrin Ketone [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	5	30	
gamma-BHC (Lindane)	0.0122	0.0015	mg/kg wet	0.01250		97	40-140	4	30	
gamma-BHC (Lindane) [2C]	0.0116	0.0015	mg/kg wet	0.01250		93	40-140	4	30	
gamma-Chlordane	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	5	30	
gamma-Chlordane [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	4	30	
Heptachlor	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	4	30	
Heptachlor [2C]	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	4	30	
Heptachlor Epoxide	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	4	30	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC61616 - 3546										
Heptachlor Epoxide [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
Hexachlorobenzene	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	4	30	
Hexachlorobenzene [2C]	0.0122	0.0025	mg/kg wet	0.01250		97	40-140	5	30	
Methoxychlor	0.0137	0.0025	mg/kg wet	0.01250		110	40-140	6	30	
Methoxychlor [2C]	0.0135	0.0025	mg/kg wet	0.01250		108	40-140	8	30	
Surrogate: Decachlorobiphenyl	*0.0125*		mg/kg wet	*0.01250*		*100*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0126*		mg/kg wet	*0.01250*		*101*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0117*		mg/kg wet	*0.01250*		*94*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0114*		mg/kg wet	*0.01250*		*91*	*30-150*			
Batch CC62453 - 3546										
Blank										
4,4´-DDD	ND	0.0025	mg/kg wet							
4,4´-DDD [2C]	ND	0.0025	mg/kg wet							
4,4´-DDE	ND	0.0025	mg/kg wet							
4,4´-DDE [2C]	ND	0.0025	mg/kg wet							
4,4´-DDT	ND	0.0025	mg/kg wet							
4,4´-DDT [2C]	ND	0.0025	mg/kg wet							
Aldrin	ND	0.0025	mg/kg wet							
Aldrin [2C]	ND	0.0025	mg/kg wet							
alpha-BHC	ND	0.0025	mg/kg wet							
alpha-BHC [2C]	ND	0.0025	mg/kg wet							
alpha-Chlordane	ND	0.0025	mg/kg wet							
alpha-Chlordane [2C]	ND	0.0025	mg/kg wet							
beta-BHC	ND	0.0025	mg/kg wet							
beta-BHC [2C]	ND	0.0025	mg/kg wet							
delta-BHC	ND	0.0025	mg/kg wet							
delta-BHC [2C]	ND	0.0025	mg/kg wet							
Dieldrin	ND	0.0025	mg/kg wet							
Dieldrin [2C]	ND	0.0025	mg/kg wet							
Endosulfan I	ND	0.0025	mg/kg wet							
Endosulfan I [2C]	ND	0.0025	mg/kg wet							
Endosulfan II	ND	0.0025	mg/kg wet							
Endosulfan II [2C]	ND	0.0025	mg/kg wet							
Endosulfan Sulfate	ND	0.0025	mg/kg wet							
Endosulfan Sulfate [2C]	ND	0.0025	mg/kg wet							
Endrin	ND	0.0025	mg/kg wet							
Endrin [2C]	ND	0.0025	mg/kg wet							
Endrin Aldehyde	ND	0.0025	mg/kg wet							
Endrin Aldehyde [2C]	ND	0.0025	mg/kg wet							
Endrin Ketone	ND	0.0025	mg/kg wet							
Endrin Ketone [2C]	ND	0.0025	mg/kg wet							
gamma-BHC (Lindane)	ND	0.0015	mg/kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0015	mg/kg wet							
gamma-Chlordane	ND	0.0025	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC62453 - 3546										
gamma-Chlordane [2C]	ND	0.0025	mg/kg wet							
Heptachlor	ND	0.0025	mg/kg wet							
Heptachlor [2C]	ND	0.0025	mg/kg wet							
Heptachlor Epoxide	ND	0.0025	mg/kg wet							
Heptachlor Epoxide [2C]	ND	0.0025	mg/kg wet							
Hexachlorobenzene	ND	0.0025	mg/kg wet							
Hexachlorobenzene [2C]	ND	0.0025	mg/kg wet							
Methoxychlor	ND	0.0025	mg/kg wet							
Methoxychlor [2C]	ND	0.0025	mg/kg wet							
Surrogate: Decachlorobiphenyl	*0.0124*		mg/kg wet	*0.01250*		*99*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0126*		mg/kg wet	*0.01250*		*101*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0117*		mg/kg wet	*0.01250*		*94*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0119*		mg/kg wet	*0.01250*		*95*	*30-150*			
LCS										
4,4´-DDD	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
4,4´-DDD [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
4,4´-DDE	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			
4,4´-DDE [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
4,4´-DDT	0.0132	0.0025	mg/kg wet	0.01250		106	40-140			
4,4´-DDT [2C]	0.0137	0.0025	mg/kg wet	0.01250		110	40-140			
Aldrin	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Aldrin [2C]	0.0122	0.0025	mg/kg wet	0.01250		97	40-140			
alpha-BHC	0.0126	0.0025	mg/kg wet	0.01250		101	40-140			
alpha-BHC [2C]	0.0117	0.0025	mg/kg wet	0.01250		93	40-140			
alpha-Chlordane	0.0114	0.0025	mg/kg wet	0.01250		91	40-140			
alpha-Chlordane [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
beta-BHC	0.0114	0.0025	mg/kg wet	0.01250		91	40-140			
beta-BHC [2C]	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
delta-BHC	0.0117	0.0025	mg/kg wet	0.01250		93	40-140			
delta-BHC [2C]	0.0112	0.0025	mg/kg wet	0.01250		90	40-140			
Dieldrin	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
Dieldrin [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140			
Endosulfan I	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
Endosulfan I [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
Endosulfan II	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Endosulfan II [2C]	0.0121	0.0025	mg/kg wet	0.01250		96	40-140			
Endosulfan Sulfate	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Endosulfan Sulfate [2C]	0.0128	0.0025	mg/kg wet	0.01250		103	40-140			
Endrin	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
Endrin [2C]	0.0126	0.0025	mg/kg wet	0.01250		101	40-140			
Endrin Aldehyde	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Endrin Aldehyde [2C]	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
Endrin Ketone	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Endrin Ketone [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC62453 - 3546										
gamma-BHC (Lindane)	0.0120	0.0015	mg/kg wet	0.01250		96	40-140			
gamma-BHC (Lindane) [2C]	0.0117	0.0015	mg/kg wet	0.01250		94	40-140			
gamma-Chlordane	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
gamma-Chlordane [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
Heptachlor	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			
Heptachlor [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Heptachlor Epoxide	0.0111	0.0025	mg/kg wet	0.01250		88	40-140			
Heptachlor Epoxide [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
Hexachlorobenzene	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
Hexachlorobenzene [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
Methoxychlor	0.0128	0.0025	mg/kg wet	0.01250		102	40-140			
Methoxychlor [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140			
Surrogate: Decachlorobiphenyl	*0.0122*		mg/kg wet	*0.01250*		*98*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0129*		mg/kg wet	*0.01250*		*103*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0119*		mg/kg wet	*0.01250*		*96*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0120*		mg/kg wet	*0.01250*		*96*	*30-150*			
LCS Dup										
4,4´-DDD	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	8	30	
4,4´-DDD [2C]	0.0128	0.0025	mg/kg wet	0.01250		102	40-140	8	30	
4,4´-DDE	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	8	30	
4,4´-DDE [2C]	0.0132	0.0025	mg/kg wet	0.01250		105	40-140	7	30	
4,4´-DDT	0.0147	0.0025	mg/kg wet	0.01250		117	40-140	10	30	
4,4´-DDT [2C]	0.0151	0.0025	mg/kg wet	0.01250		121	40-140	10	30	
Aldrin	0.0122	0.0025	mg/kg wet	0.01250		97	40-140	6	30	
Aldrin [2C]	0.0128	0.0025	mg/kg wet	0.01250		103	40-140	5	30	
alpha-BHC	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	3	30	
alpha-BHC [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	4	30	
alpha-Chlordane	0.0123	0.0025	mg/kg wet	0.01250		99	40-140	8	30	
alpha-Chlordane [2C]	0.0129	0.0025	mg/kg wet	0.01250		103	40-140	7	30	
beta-BHC	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	5	30	
beta-BHC [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	6	30	
delta-BHC	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	6	30	
delta-BHC [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	7	30	
Dieldrin	0.0128	0.0025	mg/kg wet	0.01250		102	40-140	8	30	
Dieldrin [2C]	0.0134	0.0025	mg/kg wet	0.01250		107	40-140	7	30	
Endosulfan I	0.0128	0.0025	mg/kg wet	0.01250		102	40-140	9	30	
Endosulfan I [2C]	0.0130	0.0025	mg/kg wet	0.01250		104	40-140	7	30	
Endosulfan II	0.0126	0.0025	mg/kg wet	0.01250		100	40-140	9	30	
Endosulfan II [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	8	30	
Endosulfan Sulfate	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	8	30	
Endosulfan Sulfate [2C]	0.0139	0.0025	mg/kg wet	0.01250		111	40-140	8	30	
Endrin	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	8	30	
Endrin [2C]	0.0137	0.0025	mg/kg wet	0.01250		109	40-140	8	30	
Endrin Aldehyde	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	5	30	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC62453 - 3546										
Endrin Aldehyde [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
Endrin Ketone	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	9	30	
Endrin Ketone [2C]	0.0131	0.0025	mg/kg wet	0.01250		105	40-140	8	30	
gamma-BHC (Lindane)	0.0125	0.0015	mg/kg wet	0.01250		100	40-140	4	30	
gamma-BHC (Lindane) [2C]	0.0122	0.0015	mg/kg wet	0.01250		98	40-140	4	30	
gamma-Chlordane	0.0124	0.0025	mg/kg wet	0.01250		99	40-140	7	30	
gamma-Chlordane [2C]	0.0132	0.0025	mg/kg wet	0.01250		105	40-140	7	30	
Heptachlor	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	5	30	
Heptachlor [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140	4	30	
Heptachlor Epoxide	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	7	30	
Heptachlor Epoxide [2C]	0.0129	0.0025	mg/kg wet	0.01250		103	40-140	6	30	
Hexachlorobenzene	0.0122	0.0025	mg/kg wet	0.01250		98	40-140	3	30	
Hexachlorobenzene [2C]	0.0128	0.0025	mg/kg wet	0.01250		102	40-140	4	30	
Methoxychlor	0.0143	0.0025	mg/kg wet	0.01250		114	40-140	11	30	
Methoxychlor [2C]	0.0144	0.0025	mg/kg wet	0.01250		115	40-140	10	30	
Surrogate: Decachlorobiphenyl	*0.0143*		mg/kg wet	*0.01250*		*115*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0142*		mg/kg wet	*0.01250*		*114*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0123*		mg/kg wet	*0.01250*		*99*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0120*		mg/kg wet	*0.01250*		*96*	*30-150*			
8151A Chlorinated Herbicides										
Batch CC61724 - 3546										
Blank										
2,4,5-T	ND	0.010	mg/kg wet							
2,4,5-T [2C]	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex)	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex) [2C]	ND	0.010	mg/kg wet							
2,4-D	ND	0.188	mg/kg wet							
2,4-D [2C]	ND	0.188	mg/kg wet							
2,4-DB	ND	0.190	mg/kg wet							
2,4-DB [2C]	ND	0.190	mg/kg wet							
Dalapon	ND	0.182	mg/kg wet							
Dalapon [2C]	ND	0.182	mg/kg wet							
Dicamba	ND	0.009	mg/kg wet							
Dicamba [2C]	ND	0.009	mg/kg wet							
Dichlorprop	ND	0.188	mg/kg wet							
Dichlorprop [2C]	ND	0.188	mg/kg wet							
Dinoseb	ND	0.190	mg/kg wet							
Dinoseb [2C]	ND	0.190	mg/kg wet							
MCPA	ND	18.6	mg/kg wet							
MCPA [2C]	ND	18.6	mg/kg wet							
MCPP	ND	18.8	mg/kg wet							
MCPP [2C]	ND	18.8	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8151A Chlorinated Herbicides										
Batch CC61724 - 3546										
Surrogate: DCAA	*11.4*		mg/kg wet	*20.00*		*57*	*30-150*			
Surrogate: DCAA [2C]	*11.0*		mg/kg wet	*20.00*		*55*	*30-150*			
LCS										
2,4,5-T	0.010	0.010	mg/kg wet	0.01900		50	40-140			
2,4,5-T [2C]	0.010	0.010	mg/kg wet	0.01900		54	40-140			
2,4,5-TP (Silvex)	0.010	0.010	mg/kg wet	0.01900		52	40-140			
2,4,5-TP (Silvex) [2C]	0.010	0.010	mg/kg wet	0.01900		54	40-140			
2,4-D	0.118	0.188	mg/kg wet	0.1880		63	40-140			
2,4-D [2C]	0.160	0.188	mg/kg wet	0.1880		85	40-140			
2,4-DB	0.081	0.190	mg/kg wet	0.1900		43	40-140			
2,4-DB [2C]	0.073	0.190	mg/kg wet	0.1900		38	40-140			B-
Dalapon	0.200	0.182	mg/kg wet	0.4550		44	40-140			
Dalapon [2C]	0.222	0.182	mg/kg wet	0.4550		49	40-140			
Dicamba	0.012	0.009	mg/kg wet	0.01880		64	40-140			
Dicamba [2C]	0.012	0.009	mg/kg wet	0.01880		66	40-140			
Dichlorprop	0.148	0.188	mg/kg wet	0.1880		79	40-140			
Dichlorprop [2C]	0.150	0.188	mg/kg wet	0.1880		80	40-140			
Dinoseb	0.022	0.190	mg/kg wet	0.09500		24	10-100			
Dinoseb [2C]	0.025	0.190	mg/kg wet	0.09500		26	10-100			
MCPA	11.3	18.6	mg/kg wet	18.60		61	40-140			
MCPA [2C]	11.2	18.6	mg/kg wet	18.60		60	40-140			
MCPP	9.86	18.8	mg/kg wet	18.80		52	40-140			
MCPP [2C]	11.2	18.8	mg/kg wet	18.80		60	40-140			
Surrogate: DCAA	*17.3*		mg/kg wet	*20.00*		*87*	*30-150*			
Surrogate: DCAA [2C]	*18.2*		mg/kg wet	*20.00*		*91*	*30-150*			
LCS Dup										
2,4,5-T	0.013	0.010	mg/kg wet	0.01900		70	40-140	33	30	D+
2,4,5-T [2C]	0.014	0.010	mg/kg wet	0.01900		72	40-140	29	30	
2,4,5-TP (Silvex)	0.014	0.010	mg/kg wet	0.01900		72	40-140	32	30	D+
2,4,5-TP (Silvex) [2C]	0.017	0.010	mg/kg wet	0.01900		92	40-140	52	30	D+
2,4-D	0.162	0.188	mg/kg wet	0.1880		86	40-140	31	30	D+
2,4-D [2C]	0.217	0.188	mg/kg wet	0.1880		116	40-140	31	30	D+
2,4-DB	0.141	0.190	mg/kg wet	0.1900		74	40-140	54	30	D+
2,4-DB [2C]	0.132	0.190	mg/kg wet	0.1900		70	40-140	58	30	D+
Dalapon	0.250	0.182	mg/kg wet	0.4550		55	40-140	22	30	
Dalapon [2C]	0.277	0.182	mg/kg wet	0.4550		61	40-140	22	30	
Dicamba	0.015	0.009	mg/kg wet	0.01880		82	40-140	25	30	
Dicamba [2C]	0.017	0.009	mg/kg wet	0.01880		92	40-140	33	30	D+
Dichlorprop	0.197	0.188	mg/kg wet	0.1880		105	40-140	28	30	
Dichlorprop [2C]	0.205	0.188	mg/kg wet	0.1880		109	40-140	31	30	D+
Dinoseb	0.035	0.190	mg/kg wet	0.09500		36	10-100	43	30	D+
Dinoseb [2C]	0.036	0.190	mg/kg wet	0.09500		38	10-100	36	30	D+
MCPA	15.6	18.6	mg/kg wet	18.60		84	40-140	32	30	D+
MCPA [2C]	17.6	18.6	mg/kg wet	18.60		95	40-140	45	30	D+

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8151A Chlorinated Herbicides										
Batch CC61724 - 3546										
MCPP	14.2	18.8	mg/kg wet	18.80		75	40-140	36	30	D+
MCPP [2C]	18.5	18.8	mg/kg wet	18.80		99	40-140	49	30	D+
Surrogate: DCAA	*22.0*		mg/kg wet	*20.00*		*110*	*30-150*			
Surrogate: DCAA [2C]	*22.4*		mg/kg wet	*20.00*		*112*	*30-150*			
Batch CC62415 - 3546										
Blank										
2,4,5-T	ND	0.010	mg/kg wet							
2,4,5-T [2C]	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex)	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex) [2C]	ND	0.010	mg/kg wet							
2,4-D	ND	0.188	mg/kg wet							
2,4-D [2C]	ND	0.188	mg/kg wet							
2,4-DB	ND	0.190	mg/kg wet							
2,4-DB [2C]	ND	0.190	mg/kg wet							
Dalapon	ND	0.182	mg/kg wet							
Dalapon [2C]	ND	0.182	mg/kg wet							
Dicamba	ND	0.009	mg/kg wet							
Dicamba [2C]	ND	0.009	mg/kg wet							
Dichlorprop	ND	0.188	mg/kg wet							
Dichlorprop [2C]	ND	0.188	mg/kg wet							
Dinoseb	ND	0.190	mg/kg wet							
Dinoseb [2C]	ND	0.190	mg/kg wet							
MCPA	ND	18.6	mg/kg wet							
MCPA [2C]	ND	18.6	mg/kg wet							
MCPP	ND	18.8	mg/kg wet							
MCPP [2C]	ND	18.8	mg/kg wet							
Surrogate: DCAA	*11.4*		mg/kg wet	*20.00*		*57*	*30-150*			
Surrogate: DCAA [2C]	*10.8*		mg/kg wet	*20.00*		*54*	*30-150*			
LCS										
2,4,5-T	0.014	0.010	mg/kg wet	0.01900		74	40-140			
2,4,5-T [2C]	0.013	0.010	mg/kg wet	0.01900		66	40-140			
2,4,5-TP (Silvex)	0.016	0.010	mg/kg wet	0.01900		86	40-140			
2,4,5-TP (Silvex) [2C]	0.014	0.010	mg/kg wet	0.01900		76	40-140			
2,4-D	0.159	0.188	mg/kg wet	0.1880		84	40-140			
2,4-D [2C]	0.200	0.188	mg/kg wet	0.1880		106	40-140			
2,4-DB	0.106	0.190	mg/kg wet	0.1900		56	40-140			
2,4-DB [2C]	0.094	0.190	mg/kg wet	0.1900		50	40-140			
Dalapon	0.246	0.182	mg/kg wet	0.4550		54	40-140			
Dalapon [2C]	0.292	0.182	mg/kg wet	0.4550		64	40-140			
Dicamba	0.013	0.009	mg/kg wet	0.01880		70	40-140			
Dicamba [2C]	0.015	0.009	mg/kg wet	0.01880		78	40-140			
Dichlorprop	0.174	0.188	mg/kg wet	0.1880		93	40-140			
Dichlorprop [2C]	0.175	0.188	mg/kg wet	0.1880		93	40-140			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8151A Chlorinated Herbicides										
Batch CC62415 - 3546										
Dinoseb	0.028	0.190	mg/kg wet	0.09500		30	10-100			
Dinoseb [2C]	0.030	0.190	mg/kg wet	0.09500		32	10-100			
MCPA	13.4	18.6	mg/kg wet	18.60		72	40-140			
MCPA [2C]	13.7	18.6	mg/kg wet	18.60		73	40-140			
MCPP	11.6	18.8	mg/kg wet	18.80		62	40-140			
MCPP [2C]	14.0	18.8	mg/kg wet	18.80		74	40-140			
Surrogate: DCAA	*21.0*		mg/kg wet	*20.00*		*105*	*30-150*			
Surrogate: DCAA [2C]	*21.4*		mg/kg wet	*20.00*		*107*	*30-150*			
LCS Dup										**D+**
2,4,5-T	0.010	0.010	mg/kg wet	0.01900		52	40-140	35	30	
2,4,5-T [2C]	0.009	0.010	mg/kg wet	0.01900		48	40-140	32	30	
2,4,5-TP (Silvex)	0.008	0.010	mg/kg wet	0.01900		42	40-140	69	30	
2,4,5-TP (Silvex) [2C]	0.009	0.010	mg/kg wet	0.01900		46	40-140	49	30	
2,4-D	0.105	0.188	mg/kg wet	0.1880		56	40-140	41	30	
2,4-D [2C]	0.128	0.188	mg/kg wet	0.1880		68	40-140	44	30	
2,4-DB	0.026	0.190	mg/kg wet	0.1900		14	40-140	121	30	B-
2,4-DB [2C]	0.023	0.190	mg/kg wet	0.1900		12	40-140	122	30	B-
Dalapon	0.218	0.182	mg/kg wet	0.4550		48	40-140	12	30	
Dalapon [2C]	0.225	0.182	mg/kg wet	0.4550		49	40-140	26	30	
Dicamba	0.009	0.009	mg/kg wet	0.01880		50	40-140	33	30	
Dicamba [2C]	0.012	0.009	mg/kg wet	0.01880		62	40-140	23	30	
Dichlorprop	0.112	0.188	mg/kg wet	0.1880		60	40-140	44	30	
Dichlorprop [2C]	0.112	0.188	mg/kg wet	0.1880		60	40-140	43	30	
Dinoseb	0.019	0.190	mg/kg wet	0.09500		20	10-100	38	30	
Dinoseb [2C]	0.018	0.190	mg/kg wet	0.09500		19	10-100	49	30	
MCPA	8.22	18.6	mg/kg wet	18.60		44	40-140	48	30	
MCPA [2C]	7.73	18.6	mg/kg wet	18.60		42	40-140	56	30	
MCPP	8.12	18.8	mg/kg wet	18.80		43	40-140	35	30	
MCPP [2C]	8.45	18.8	mg/kg wet	18.80		45	40-140	49	30	
Surrogate: DCAA	*16.2*		mg/kg wet	*20.00*		*81*	*30-150*			
Surrogate: DCAA [2C]	*16.3*		mg/kg wet	*20.00*		*82*	*30-150*			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC ESS Laboratory Work Order: 1603375

Notes and Definitions

Z-09	ND
XH	Peaks found in the retention time window for MCPP did not confirm by GC/MS.
U	Analyte included in the analysis, but not detected
P	Percent difference between primary and confirmation results exceeds 40% (P).
LC	Lower value is used due to matrix interferences (LC).
D+	Relative percent difference for duplicate is outside of criteria (D+).
D	Diluted.
CD+	Continuing Calibration %Diff/Drift is above control limit (CD+).
CD-	Continuing Calibration %Diff/Drift is below control limit (CD-).
B-	Blank Spike recovery is below lower control limit (B-).
#	Modified result
ND	Analyte NOT DETECTED at or above the MRL (LOQ), LOD for DoD Reports, MDL for J-Flagged Analytes
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
DL	Detection Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
[CALC]	Calculated Analyte
SUB	Subcontracted analysis; see attached report

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603375

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Rhode Island Potable and Non Potable Water: LAI00179
http://www.health.ri.gov/find/labs/analytical/ESS.pdf

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/OutofStateCommercialLaboratories.pdf

Maine Potable and Non Potable Water, and Solid and Hazardous Waste: RI00002
http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/documents/AllLabs.xls

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/Labcert/Labcert.aspx

New Hampshire (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 2424
http://des.nh.gov/organization/divisions/water/dwgb/nhelap/index.htm

New York (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

New Jersey (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: RI006
http://datamine2.state.nj.us/DEP_OPRA/OpraMain/pi_main?mode=pi_by_site&sort_order=PI_NAMEA&Select+a+Site:=58715

United States Department of Agriculture Soil Permit: P330-12-00139

Pennsylvania: 68-01752
http://www.depweb.state.pa.us/portal/server.pt/community/labs/13780/laboratory_accreditation_program/590095

ESS Laboratory Sample and Cooler Receipt Checklist

Client: GZA - New York, NY - GZA/CMT

Shipped/Delivered Via: ESS Courier

ESS Project ID: 1603375
Date Received: 3/15/2016
Project Due Date: 3/22/2016
Days for Project: 5 Day

1. Air bill manifest present? Yes
   Air No.: NA
2. Were custody seals present? No
3. Is radiation count <100 CPM? Yes
4. Is a Cooler Present? Yes
   Temp: 0.2 Iced with: Ice
5. Was COC signed and dated by client? Yes
6. Does COC match bottles? Yes
7. Is COC complete and correct? Yes
8. Were samples received intact? Yes
9. **Were labs informed about short holds & rushes?** Yes / No / (NA)
10. Were any analyses received outside of hold time? Yes / (No)

11. Any Subcontracting needed? Yes / (No)
    ESS Sample IDs:
    Analysis:
    TAT:
12. Were VOAs received? Yes / (No)
    a. Air bubbles in aqueous VOAs? Yes / No
    b. Does methanol cover soil completely? Yes / No / (NA)

13. Are the samples properly preserved? (Yes) / No
    a. If metals preserved upon receipt: Date: Time: By:
    b. Low Level VOAs brought to freezer: Date: Time: By:

Sample Receiving Notes:

14. Was there a need to contact Project Manager? Yes / (No)
    a. Was there a need to contact the client? Yes / No
    Who was contacted? Date: Time: By:

Sample Number	Container ID	Proper Container	Air Bubbles Present	Sufficient Volume	Container Type	Preservative	Record pH (Cyanide and 608 Pesticides)
01	17263	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
02	17262	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
03	17261	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
04	17260	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
05	17259	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
06	17258	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
07	17257	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
08	17256	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
09	17255	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
10	17254	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
11	17253	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
12	17252	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
13	17251	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
14	17250	Yes	NA	Yes	8 oz. Jar - Unpres	NP	

2nd Review
Are barcode labels on correct containers? (Yes) / No

Completed By: Date & Time: 3.15.16 2150
Reviewed By: Date & Time: 3/15/16 2155

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

ESS Lab # 14033375

Turn Time X Standard Other_____

Regulatory State: MA RI CT NH NJ (NY) ME Other_____

Is this project for any of the following:(please circle)
MA-MCP Navy USACE CT DEP Other_____

Reporting Limits - _____

Electonic Deliverables Excel Access PDF

Co. Name GZA Geoenvironmental	Project # 41.0162403	Project Name Hawstone Country Club	
Contact Person Stephen Kline	Address 104 West 29th Street 10th Floor		
City New York	State NY	Zip 10001	PO #
Tel.	Fax.	email: Stephen.Kline@GZA.com	

ESS Lab ID	Date	Collection Time	Grab -G Composite-C	Matrix	Sample ID	Pres Code	# of Containers	Type of Container	Vol of Container	Analysis: Pb, Mg AS	Pest.	Herb.
1	3/15/16	9:07	G	Soil	SS-10 (0-6)	None	1	AG	8oz	X	X	X
2		9:45			SS-10 (18-24)		1			X	X	X
3		10:10			SS-11 (0-6)		1			X	X	X
4		10:30			SS-11 (18-24)		1			X	X	X
5		10:50			SS-12 (0-6)		1			X	X	X
6		11:15			SS-12 (18-24)		1			X	X	X
7		11:45			SS-13 (0-6)		1			X	X	X
8		12:07			SS-13 (18-24)		1			X	X	X
9		1:15 pm			SS-14 (0-6)		1			X	X	X
10		1:45 pm			SS-14 (18-24)		1			X	X	X

Container Type: P-Poly G-Glass AG-Amber Glass S-Sterile V-VOA

Matrix: S-Soil SD-Solid D-Sludge WW-Wastewater GW-Groundwater SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filter

Cooler Present ✓ Yes ____ No

Seals Intact ____ Yes ____ No NA: ✓

Cooler Temperature: 0°2 ICE KH

Internal Use Only
[ ] Pickup
[ ] Technician___

Preservation Code: 1-NP, 2-HCl, 3-H2SO4, 4-HNO3, 5-NaOH, 6-MeOH, 7-Asorbic Acid, 8-ZnAct, 9-_____

Sampled by : James Gloy

Comments:

Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)
3/15/16 15:00	3/15/16 1500	3/15/16 1822	3/15/16 2145
Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)

* By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VIIA

Please fax to the laboratory all changes to Chain of Custody

1 (White) Lab Copy
2 (Yellow) Client Receipt

ESS Laboratory

Division of Thielsch Engineering, Inc.

185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

ESS Lab # 1603375

Turn Time X Standard Other_____

Regulatory State: MA RI CT NH NJ (NY) ME Other_____

Reporting Limits - _____

Is this project for any of the following:(please circle)
MA-MCP Navy USACE CT DEP Other_____

Electonic Deliverables Excel Access PDF

Co. Name: GZA GeoEnvironmental	Project #: 41.0162403	Project Name: Hampshire County CC	
Contact Person: Stephen Kline	Address: 104 West 29th Street 10th Floor		
City: New York	State: NY	Zip: 10001	PO #
Tel.	Fax.	email: Stephen.kline@gza.com	

Analysis: Pb, As | Pest | Herb

ESS Lab ID	Date	Collection Time	Grab -G Composite-C	Matrix	Sample ID	Pres Code	# of Containers	Type of Container	Vol of Container	Pb, As	Pest	Herb
11	3/15/16	2:15pm	G	Soil	SS-15 (0-6")	None	1	Ag	8oz	X	X	X
12	↓	2:35pm		↓	SS-15 (18-24")	↓	1	↓	↓	X	X	X
13	↓	2:45pm		↓	SS-16 (0-6")	↓	1	↓	↓	X	X	X
14	↓	2:50pm		↓	SS-16 (18-24")	↓	1	↓	↓	X	X	X

Container Type: P-Poly G-Glass AG-Amber Glass S-Sterile V-VOA

Matrix: S-Soil SD-Solid D-Sludge WW-Wastewater GW-Groundwater SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filter

Cooler Present ✓ Yes ____ No Internal Use Only

Seals Intact ____ Yes ____ No NA: ✓ [X] Pickup

Cooler Temperature: 0.2 ICE/K [ ] Technician___

Preservation Code: 1-NP, 2-HCl, 3-H2SO4, 4-HNO3, 5-NaOH, 6-MeOH, 7-Asorbic Acid, 8-ZnAct, 9-_____

Sampled by: James Colon

Comments:

Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)
15:00	3/15/16 1500	3/15/16 1822	3/15/16 2145
Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)

* By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VIIA

Please fax to the laboratory all changes to Chain of Custody

1 (White) Lab Copy
2 (Yellow) Client Receipt

CERTIFICATE OF ANALYSIS

Stephen Kline
GZA GeoEnvironmental, Inc.
104 West 29th Street, 10th Floor
New York, NY 10001

RE: Hampshire CC (41.0162403.00)
ESS Laboratory Work Order Number: 1603396

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Laurel Stoddard
Laboratory Director

REVIEWED
By ESS Laboratory at 5:02 pm, Mar 28, 2016

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

The test results present in this report are in compliance with NELAC Standards, A2LA and/or client Quality Assurance Project Plans (QAPP). The laboratory has reviewed the following: Sample Preservations, Hold Times, Initial Calibrations, Continuing Calibrations, Method Blanks, Blank Spikes, Blank Spike Duplicates, Duplicates, Matrix Spikes, Matrix Spike Duplicates, Surrogates and Internal Standards. Any results which were found to be outside of the recommended ranges stated in our SOPs will be noted in the Project Narrative.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603396

SAMPLE RECEIPT

The following samples were received on March 16, 2016 for the analyses specified on the enclosed Chain of Custody Record.

Lab Number	Sample Name	Matrix	Analysis
1603396-01	SS-17 0-6	Soil	6010C, 8081B, 8151A
1603396-02	SS-17 18-24	Soil	6010C, 8081B, 8151A
1603396-03	SS-18 0-6	Soil	6010C, 8081B, 8151A
1603396-04	SS-18 18-24	Soil	6010C, 8081B, 8151A
1603396-05	SS-19 0-6	Soil	6010C, 8081B, 8151A
1603396-06	SS-19 18-24	Soil	6010C, 8081B, 8151A
1603396-07	SS-20 0-6	Soil	6010C, 8081B, 8151A
1603396-08	SS-20 18-24	Soil	6010C, 8081B, 8151A
1603396-09	SS-21 0-6	Soil	6010C, 8081B, 8151A
1603396-10	SS-21 18-24	Soil	6010C, 8081B, 8151A

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603396

PROJECT NARRATIVE

8081B Organochlorine Pesticides

1603396-01	**Lower value is used due to matrix interferences (LC).** 4,4´-DDD , alpha-Chlordane [2C] , Heptachlor Epoxide [2C]
1603396-01	**Percent difference between primary and confirmation results exceeds 40% (P).** 4,4´-DDD , alpha-Chlordane [2C] , Heptachlor Epoxide [2C]
1603396-03	**Lower value is used due to matrix interferences (LC).** Dieldrin
1603396-03	**Percent difference between primary and confirmation results exceeds 40% (P).** alpha-Chlordane , Dieldrin
1603396-05	**Lower value is used due to matrix interferences (LC).** alpha-Chlordane [2C] , beta-BHC
1603396-05	**Percent difference between primary and confirmation results exceeds 40% (P).** alpha-Chlordane [2C] , beta-BHC
1603396-09	**Lower value is used due to matrix interferences (LC).** alpha-Chlordane [2C]
1603396-09	**Percent difference between primary and confirmation results exceeds 40% (P).** alpha-Chlordane [2C]
1603396-10	**Lower value is used due to matrix interferences (LC).** 4,4´-DDD , alpha-Chlordane [2C]
1603396-10	**Percent difference between primary and confirmation results exceeds 40% (P).** 4,4´-DDD , alpha-Chlordane [2C]
CZC0317-CCV9	**Continuing Calibration %Diff/Drift is below control limit (CD-).** 4,4´-DDD (31% @ 20%), 4,4´-DDE (23% @ 20%), 4,4´-DDT (30% @ 20%), alpha-Chlordane (27% @ 20%), Decachlorobiphenyl (35% @ 20%), Dieldrin (30% @ 20%), Endosulfan I (30% @ 20%), Endosulfan II (33% @ 20%), Endosulfan Sulfate (33% @ 20%), Endrin (30% @ 20%), Endrin Aldehyde (32% @ 20%), Endrin Ketone (35% @ 20%), gamma-Chlordane (27% @ 20%), Heptachlor Epoxide (24% @ 20%), Methoxychlor (29% @ 20%)
CZC0317-CCVA	**Continuing Calibration %Diff/Drift is below control limit (CD-).** Decachlorobiphenyl (28% @ 20%)
CZC0382-CCV5	**Continuing Calibration %Diff/Drift is above control limit (CD+).** 4,4´-DDT [2C] (21% @ 20%), Endosulfan Sulfate (21% @ 20%), Methoxychlor (23% @ 20%), Methoxychlor [2C] (24% @ 20%)

8151A Chlorinated Herbicides

CC62145-BSD1	**Relative percent difference for duplicate is outside of criteria (D+).** Dinoseb (31% @ 30%)

No other observations noted.

End of Project Narrative.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603396

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CURRENT SW-846 METHODOLOGY VERSIONS

Analytical Methods

1010A - Flashpoint
6010C - ICP
6020A - ICP MS
7010 - Graphite Furnace
7196A - Hexavalent Chromium
7470A - Aqueous Mercury
7471B - Solid Mercury
8011 - EDB/DBCP/TCP
8015D - GRO/DRO
8081B - Pesticides
8082A - PCB
8100M - TPH
8151A - Herbicides
8260B - VOA
8270D - SVOA
8270D SIM - SVOA Low Level
9014 - Cyanide
9038 - Sulfate
9040C - Aqueous pH
9045D - Solid pH (Corrosivity)
9050A - Specific Conductance
9056A - Anions (IC)
9060A - TOC
9095B - Paint Filter
MADEP 04-1.1 - EPH / VPH

Prep Methods

3005A - Aqueous ICP Digestion
3020A - Aqueous Graphite Furnace / ICP MS Digestion
3050B - Solid ICP / Graphite Furnace / ICP MS Digestion
3060A - Solid Hexavalent Chromium Digestion
3510C - Separatory Funnel Extraction
3520C - Liquid / Liquid Extraction
3540C - Manual Soxhlet Extraction
3541 - Automated Soxhlet Extraction
3546 - Microwave Extraction
3580A - Waste Dilution
5030B - Aqueous Purge and Trap
5030C - Aqueous Purge and Trap
5035 - Solid Purge and Trap

SW846 Reactivity Methods 7.3.3.2 (Reactive Cyanide) and 7.3.4.1 (Reactive Sulfide) have been withdrawn by EPA. These methods are reported per client request and are not NELAP accredited.

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-17 0-6
Date Sampled: 03/16/16 09:15
Percent Solids: 74

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-01
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**19.3** (3.18)		6010C		1	KJK	03/22/16 11:06	2.14	100	CC61833
Lead	**65.3** (6.35)		6010C		1	KJK	03/22/16 11:06	2.14	100	CC61833

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-17 0-6
Date Sampled: 03/16/16 09:15
Percent Solids: 74
Initial Volume: 19.5
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/17/16 13:30

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	**LC, P 0.0129** (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
4,4´-DDE	**1.55** (0.174)		8081B		50	03/26/16 22:53	CZC0461	CC61721
4,4´-DDT [2C]	**0.432** (0.174)		8081B		50	03/26/16 22:53	CZC0461	CC61721
Aldrin	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
alpha-BHC	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
alpha-Chlordane [2C]	**LC, P 0.0064** (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
beta-BHC	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Chlordane (Total)	ND (0.0418)		8081B		1	03/26/16 21:49	CZC0461	CC61721
delta-BHC	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Dieldrin	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Endosulfan I	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Endosulfan II	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Endosulfan Sulfate	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Endrin	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Endrin Aldehyde	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Endrin Ketone	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
gamma-BHC (Lindane)	ND (0.0021)		8081B		1	03/26/16 21:49	CZC0461	CC61721
gamma-Chlordane	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Heptachlor	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Heptachlor Epoxide [2C]	**LC, P 0.0057** (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Hexachlorobenzene	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Methoxychlor	ND (0.0035)		8081B		1	03/26/16 21:49	CZC0461	CC61721
Toxaphene	ND (0.174)		8081B		1	03/26/16 21:49	CZC0461	CC61721

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*76 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*90 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*72 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*76 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-17 0-6
Date Sampled: 03/16/16 09:15
Percent Solids: 74
Initial Volume: 10.5
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-01
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/21/16 16:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/24/16 5:17	CZC0398	CC62145
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/24/16 5:17	CZC0398	CC62145
2,4-D	ND (0.243)		8151A		1	03/24/16 5:17	CZC0398	CC62145
2,4-DB	ND (0.246)		8151A		1	03/24/16 5:17	CZC0398	CC62145
Dalapon	ND (0.236)		8151A		1	03/24/16 5:17	CZC0398	CC62145
Dicamba	ND (0.012)		8151A		1	03/24/16 5:17	CZC0398	CC62145
Dichlorprop	ND (0.243)		8151A		1	03/24/16 5:17	CZC0398	CC62145
Dinoseb	ND (0.246)		8151A		1	03/24/16 5:17	CZC0398	CC62145
MCPA	ND (24.1)		8151A		1	03/24/16 5:17	CZC0398	CC62145
MCPP	ND (24.3)		8151A		1	03/24/16 5:17	CZC0398	CC62145

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*66 %*		*30-150*
Surrogate: DCAA [2C]	*64 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-17 18-24
Date Sampled: 03/16/16 09:35
Percent Solids: 76

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-02
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**16.5** (3.17)		6010C		1	KJK	03/22/16 11:10	2.08	100	CC61833
Lead	**40.5** (6.34)		6010C		1	KJK	03/22/16 11:10	2.08	100	CC61833

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-17 18-24
Date Sampled: 03/16/16 09:35
Percent Solids: 76
Initial Volume: 19.3
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-02
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/17/16 13:30

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
4,4´-DDE	**0.112** (0.0171)		8081B		5	03/26/16 23:58	CZC0461	CC61721
4,4´-DDT	**0.0337** (0.0171)		8081B		5	03/26/16 23:58	CZC0461	CC61721
Aldrin	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
alpha-BHC	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
alpha-Chlordane [2C]	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
beta-BHC	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Chlordane (Total)	ND (0.0410)		8081B		1	03/26/16 23:26	CZC0461	CC61721
delta-BHC	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Dieldrin	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Endosulfan I	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Endosulfan II	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Endosulfan Sulfate	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Endrin	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Endrin Aldehyde	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Endrin Ketone	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
gamma-BHC (Lindane)	ND (0.0020)		8081B		1	03/26/16 23:26	CZC0461	CC61721
gamma-Chlordane	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Heptachlor	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Heptachlor Epoxide	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Hexachlorobenzene	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Methoxychlor	ND (0.0034)		8081B		1	03/26/16 23:26	CZC0461	CC61721
Toxaphene	ND (0.171)		8081B		1	03/26/16 23:26	CZC0461	CC61721

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*69 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*76 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*67 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*67 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-17 18-24
Date Sampled: 03/16/16 09:35
Percent Solids: 76
Initial Volume: 10
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-02
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/21/16 16:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.013)		8151A		1	03/23/16 22:36	CZC0398	CC62145
2,4,5-TP (Silvex)	ND (0.013)		8151A		1	03/23/16 22:36	CZC0398	CC62145
2,4-D	ND (0.248)		8151A		1	03/23/16 22:36	CZC0398	CC62145
2,4-DB	ND (0.250)		8151A		1	03/23/16 22:36	CZC0398	CC62145
Dalapon	ND (0.240)		8151A		1	03/23/16 22:36	CZC0398	CC62145
Dicamba	ND (0.012)		8151A		1	03/23/16 22:36	CZC0398	CC62145
Dichlorprop	ND (0.248)		8151A		1	03/23/16 22:36	CZC0398	CC62145
Dinoseb	ND (0.250)		8151A		1	03/23/16 22:36	CZC0398	CC62145
MCPA	ND (24.5)		8151A		1	03/23/16 22:36	CZC0398	CC62145
MCPP	ND (24.8)		8151A		1	03/23/16 22:36	CZC0398	CC62145

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*54 %*		*30-150*
Surrogate: DCAA [2C]	*54 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-18 0-6
Date Sampled: 03/16/16 09:50
Percent Solids: 77

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-03
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**10.2** (2.58)		6010C		1	KJK	03/22/16 11:14	2.5	100	CC61833
Lead	**36.6** (5.17)		6010C		1	KJK	03/22/16 11:14	2.5	100	CC61833

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-18 0-6
Date Sampled: 03/16/16 09:50
Percent Solids: 77
Initial Volume: 20.1
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-03
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/17/16 13:30

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.0880** (0.0161)		8081B		5	03/27/16 0:31	CZC0382	CC61721
4,4´-DDE	**0.392** (0.161)		8081B		50	03/27/16 1:35	CZC0382	CC61721
4,4´-DDT [2C]	**0.111** (0.0161)		8081B		5	03/27/16 0:31	CZC0382	CC61721
Aldrin	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
alpha-BHC	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
alpha-Chlordane	**P 0.0826** (0.0161)		8081B		5	03/27/16 0:31	CZC0382	CC61721
beta-BHC	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Chlordane (Total)	**0.275** (0.0386)		8081B		1	03/24/16 8:23	CZC0382	CC61721
delta-BHC	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Dieldrin	**LC, P 0.0032** (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Endosulfan I	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Endosulfan II	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Endosulfan Sulfate	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Endrin	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Endrin Aldehyde	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Endrin Ketone	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
gamma-BHC (Lindane)	ND (0.0019)		8081B		1	03/24/16 8:23	CZC0382	CC61721
gamma-Chlordane [2C]	**0.0264** (0.0161)		8081B		5	03/27/16 0:31	CZC0382	CC61721
Heptachlor	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Heptachlor Epoxide	**0.0212** (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Hexachlorobenzene [2C]	**0.0063** (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Methoxychlor	ND (0.0032)		8081B		1	03/24/16 8:23	CZC0382	CC61721
Toxaphene	ND (0.161)		8081B		1	03/24/16 8:23	CZC0382	CC61721

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*87 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*92 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*75 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*73 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-18 0-6
Date Sampled: 03/16/16 09:50
Percent Solids: 77
Initial Volume: 10.3
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-03
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/21/16 16:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/23/16 23:05	CZC0398	CC62145
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/23/16 23:05	CZC0398	CC62145
2,4-D	ND (0.236)		8151A		1	03/23/16 23:05	CZC0398	CC62145
2,4-DB	ND (0.238)		8151A		1	03/23/16 23:05	CZC0398	CC62145
Dalapon	ND (0.228)		8151A		1	03/23/16 23:05	CZC0398	CC62145
Dicamba	ND (0.012)		8151A		1	03/23/16 23:05	CZC0398	CC62145
Dichlorprop	ND (0.236)		8151A		1	03/23/16 23:05	CZC0398	CC62145
Dinoseb	ND (0.238)		8151A		1	03/23/16 23:05	CZC0398	CC62145
MCPA	ND (23.3)		8151A		1	03/23/16 23:05	CZC0398	CC62145
MCPP	ND (23.6)		8151A		1	03/23/16 23:05	CZC0398	CC62145

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*56 %*		*30-150*
Surrogate: DCAA [2C]	*57 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-18 18-24
Date Sampled: 03/16/16 10:15
Percent Solids: 85

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-04
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**3.91** (2.79)		6010C		1	KJK	03/22/16 11:45	2.11	100	CC61833
Lead	ND (5.59)		6010C		1	KJK	03/22/16 11:45	2.11	100	CC61833

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-18 18-24
Date Sampled: 03/16/16 10:15
Percent Solids: 85
Initial Volume: 19.8
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-04
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/17/16 13:30

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
4,4´-DDE [2C]	**0.0157** (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
4,4´-DDT	**0.0130** (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Aldrin	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
alpha-BHC	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
alpha-Chlordane	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
beta-BHC	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Chlordane (Total)	ND (0.0357)		8081B		1	03/24/16 10:03	CZC0382	CC61721
delta-BHC	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Dieldrin	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Endosulfan I	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Endosulfan II	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Endosulfan Sulfate	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Endrin	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Endrin Aldehyde	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Endrin Ketone	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/24/16 10:03	CZC0382	CC61721
gamma-Chlordane	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Heptachlor	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Heptachlor Epoxide	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Hexachlorobenzene	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Methoxychlor	ND (0.0030)		8081B		1	03/24/16 10:03	CZC0382	CC61721
Toxaphene	ND (0.149)		8081B		1	03/24/16 10:03	CZC0382	CC61721

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*75 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*79 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*66 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*69 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-18 18-24
Date Sampled: 03/16/16 10:15
Percent Solids: 85
Initial Volume: 10.3
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-04
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/21/16 16:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/24/16 0:30	CZC0398	CC62145
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/24/16 0:30	CZC0398	CC62145
2,4-D	ND (0.215)		8151A		1	03/24/16 0:30	CZC0398	CC62145
2,4-DB	ND (0.217)		8151A		1	03/24/16 0:30	CZC0398	CC62145
Dalapon	ND (0.208)		8151A		1	03/24/16 0:30	CZC0398	CC62145
Dicamba	ND (0.011)		8151A		1	03/24/16 0:30	CZC0398	CC62145
Dichlorprop	ND (0.215)		8151A		1	03/24/16 0:30	CZC0398	CC62145
Dinoseb	ND (0.217)		8151A		1	03/24/16 0:30	CZC0398	CC62145
MCPA	ND (21.3)		8151A		1	03/24/16 0:30	CZC0398	CC62145
MCPP	ND (21.5)		8151A		1	03/24/16 0:30	CZC0398	CC62145

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*50 %*		*30-150*
Surrogate: DCAA [2C]	*47 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-19 0-6
Date Sampled: 03/16/16 10:45
Percent Solids: 80

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-05
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**27.0** (2.60)		6010C		1	KJK	03/22/16 11:48	2.39	100	CC61833
Lead	**55.6** (5.20)		6010C		1	KJK	03/22/16 11:48	2.39	100	CC61833

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-19 0-6
Date Sampled: 03/16/16 10:45
Percent Solids: 80
Initial Volume: 19.6
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-05
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/17/16 13:30

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD [2C]	**0.0690** (0.0158)		8081B		5	03/27/16 2:08	CZC0382	CC61721
4,4´-DDE	**0.0572** (0.0158)		8081B		5	03/27/16 2:08	CZC0382	CC61721
4,4´-DDT	**0.0170** (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Aldrin	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
alpha-BHC	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
alpha-Chlordane [2C]	**LC, P 0.0666** (0.0158)		8081B		5	03/27/16 2:08	CZC0382	CC61721
beta-BHC	**LC, P 0.0053** (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Chlordane (Total) [2C]	**0.735** (0.190)		8081B		5	03/27/16 2:08	CZC0382	CC61721
delta-BHC	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Dieldrin	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Endosulfan I	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Endosulfan II	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Endosulfan Sulfate	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Endrin	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Endrin Aldehyde	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Endrin Ketone	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
gamma-BHC (Lindane)	ND (0.0019)		8081B		1	03/24/16 10:37	CZC0382	CC61721
gamma-Chlordane	**0.191** (0.0792)		8081B		25	03/27/16 2:40	CZC0382	CC61721
Heptachlor	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Heptachlor Epoxide	**0.0302** (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Hexachlorobenzene [2C]	**0.0062** (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Methoxychlor	ND (0.0032)		8081B		1	03/24/16 10:37	CZC0382	CC61721
Toxaphene	ND (0.158)		8081B		1	03/24/16 10:37	CZC0382	CC61721

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*107 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*118 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*76 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*73 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-19 0-6
Date Sampled: 03/16/16 10:45
Percent Solids: 80
Initial Volume: 10
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-05
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/21/16 16:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.012)		8151A		1	03/24/16 0:59	CZC0398	CC62145
2,4,5-TP (Silvex)	ND (0.012)		8151A		1	03/24/16 0:59	CZC0398	CC62145
2,4-D	ND (0.234)		8151A		1	03/24/16 0:59	CZC0398	CC62145
2,4-DB	ND (0.236)		8151A		1	03/24/16 0:59	CZC0398	CC62145
Dalapon	ND (0.226)		8151A		1	03/24/16 0:59	CZC0398	CC62145
Dicamba	ND (0.012)		8151A		1	03/24/16 0:59	CZC0398	CC62145
Dichlorprop	ND (0.234)		8151A		1	03/24/16 0:59	CZC0398	CC62145
Dinoseb	ND (0.236)		8151A		1	03/24/16 0:59	CZC0398	CC62145
MCPA	ND (23.1)		8151A		1	03/24/16 0:59	CZC0398	CC62145
MCPP	ND (23.4)		8151A		1	03/24/16 0:59	CZC0398	CC62145

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*54 %*		*30-150*
Surrogate: DCAA [2C]	*50 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-19 18-24
Date Sampled: 03/16/16 11:00
Percent Solids: 83

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-06
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**5.99** (2.29)		6010C		1	KJK	03/22/16 11:52	2.64	100	CC61833
Lead	ND (4.59)		6010C		1	KJK	03/22/16 11:52	2.64	100	CC61833

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-19 18-24
Date Sampled: 03/16/16 11:00
Percent Solids: 83
Initial Volume: 20.1
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-06
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/17/16 13:30

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
4,4´-DDE	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
4,4´-DDT	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Aldrin	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
alpha-BHC	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
alpha-Chlordane	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
beta-BHC	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Chlordane (Total)	ND (0.0362)		8081B		1	03/24/16 11:10	CZC0382	CC61721
delta-BHC	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Dieldrin	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Endosulfan I	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Endosulfan II	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Endosulfan Sulfate	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Endrin	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Endrin Aldehyde	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Endrin Ketone	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/24/16 11:10	CZC0382	CC61721
gamma-Chlordane	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Heptachlor	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Heptachlor Epoxide	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Hexachlorobenzene	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Methoxychlor	ND (0.0030)		8081B		1	03/24/16 11:10	CZC0382	CC61721
Toxaphene	ND (0.151)		8081B		1	03/24/16 11:10	CZC0382	CC61721

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*81 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*88 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*72 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*75 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-19 18-24
Date Sampled: 03/16/16 11:00
Percent Solids: 83
Initial Volume: 10.5
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-06
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/21/16 16:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/24/16 1:27	CZC0398	CC62145
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/24/16 1:27	CZC0398	CC62145
2,4-D	ND (0.217)		8151A		1	03/24/16 1:27	CZC0398	CC62145
2,4-DB	ND (0.219)		8151A		1	03/24/16 1:27	CZC0398	CC62145
Dalapon	ND (0.210)		8151A		1	03/24/16 1:27	CZC0398	CC62145
Dicamba	ND (0.011)		8151A		1	03/24/16 1:27	CZC0398	CC62145
Dichlorprop	ND (0.217)		8151A		1	03/24/16 1:27	CZC0398	CC62145
Dinoseb	ND (0.219)		8151A		1	03/24/16 1:27	CZC0398	CC62145
MCPA	ND (21.5)		8151A		1	03/24/16 1:27	CZC0398	CC62145
MCPP	ND (21.7)		8151A		1	03/24/16 1:27	CZC0398	CC62145

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*53 %*		*30-150*
Surrogate: DCAA [2C]	*51 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-20 0-6
Date Sampled: 03/16/16 11:20
Percent Solids: 90

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-07
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	ND (2.31)		6010C		1	KJK	03/22/16 11:56	2.4	100	CC61833
Lead	**24.4** (4.62)		6010C		1	KJK	03/22/16 11:56	2.4	100	CC61833

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-20 0-6
Date Sampled: 03/16/16 11:20
Percent Solids: 90
Initial Volume: 20.1
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-07
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/17/16 13:30

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
4,4´-DDE	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
4,4´-DDT	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Aldrin	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
alpha-BHC	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
alpha-Chlordane	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
beta-BHC	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Chlordane (Total)	ND (0.165)		8081B		5	03/27/16 5:54	CZC0461	CC61721
delta-BHC	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Dieldrin	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Endosulfan I	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Endosulfan II	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Endosulfan Sulfate	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Endrin	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Endrin Aldehyde	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Endrin Ketone	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
gamma-BHC (Lindane)	ND (0.0083)		8081B		5	03/27/16 5:54	CZC0461	CC61721
gamma-Chlordane	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Heptachlor	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Heptachlor Epoxide	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Hexachlorobenzene	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Methoxychlor	ND (0.0138)		8081B		5	03/27/16 5:54	CZC0461	CC61721
Toxaphene	ND (0.689)		8081B		5	03/27/16 5:54	CZC0461	CC61721

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*64 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*70 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*64 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*72 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-20 0-6
Date Sampled: 03/16/16 11:20
Percent Solids: 90
Initial Volume: 10.4
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-07
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/21/16 16:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.010)		8151A		1	03/24/16 1:56	CZC0398	CC62145
2,4,5-TP (Silvex)	ND (0.010)		8151A		1	03/24/16 1:56	CZC0398	CC62145
2,4-D	ND (0.200)		8151A		1	03/24/16 1:56	CZC0398	CC62145
2,4-DB	ND (0.203)		8151A		1	03/24/16 1:56	CZC0398	CC62145
Dalapon	ND (0.194)		8151A		1	03/24/16 1:56	CZC0398	CC62145
Dicamba	ND (0.010)		8151A		1	03/24/16 1:56	CZC0398	CC62145
Dichlorprop	ND (0.200)		8151A		1	03/24/16 1:56	CZC0398	CC62145
Dinoseb	ND (0.203)		8151A		1	03/24/16 1:56	CZC0398	CC62145
MCPA	ND (19.8)		8151A		1	03/24/16 1:56	CZC0398	CC62145
MCPP	ND (20.0)		8151A		1	03/24/16 1:56	CZC0398	CC62145

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*52 %*		*30-150*
Surrogate: DCAA [2C]	*47 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-20 18-24
Date Sampled: 03/16/16 11:40
Percent Solids: 86

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-08
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	ND (8.30)		6010C		3	KJK	03/22/16 15:34	2.09	100	CC61833
Lead	**39.1** (5.53)		6010C		1	KJK	03/22/16 12:02	2.09	100	CC61833

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-20 18-24
Date Sampled: 03/16/16 11:40
Percent Solids: 86
Initial Volume: 20.1
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-08
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/17/16 13:30

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
4,4´-DDE	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
4,4´-DDT	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Aldrin	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
alpha-BHC	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
alpha-Chlordane	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
beta-BHC	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Chlordane (Total)	ND (0.173)		8081B		5	03/27/16 6:27	CZC0461	CC61721
delta-BHC	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Dieldrin	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Endosulfan I	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Endosulfan II	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Endosulfan Sulfate	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Endrin	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Endrin Aldehyde	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Endrin Ketone	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
gamma-BHC (Lindane)	ND (0.0086)		8081B		5	03/27/16 6:27	CZC0461	CC61721
gamma-Chlordane	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Heptachlor	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Heptachlor Epoxide	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Hexachlorobenzene	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Methoxychlor	ND (0.0144)		8081B		5	03/27/16 6:27	CZC0461	CC61721
Toxaphene	ND (0.719)		8081B		5	03/27/16 6:27	CZC0461	CC61721

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*49 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*62 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*57 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*65 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-20 18-24
Date Sampled: 03/16/16 11:40
Percent Solids: 86
Initial Volume: 10.5
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-08
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/21/16 16:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.010)		8151A		1	03/24/16 2:25	CZC0398	CC62145
2,4,5-TP (Silvex)	ND (0.010)		8151A		1	03/24/16 2:25	CZC0398	CC62145
2,4-D	ND (0.207)		8151A		1	03/24/16 2:25	CZC0398	CC62145
2,4-DB	ND (0.209)		8151A		1	03/24/16 2:25	CZC0398	CC62145
Dalapon	ND (0.201)		8151A		1	03/24/16 2:25	CZC0398	CC62145
Dicamba	ND (0.010)		8151A		1	03/24/16 2:25	CZC0398	CC62145
Dichlorprop	ND (0.207)		8151A		1	03/24/16 2:25	CZC0398	CC62145
Dinoseb	ND (0.209)		8151A		1	03/24/16 2:25	CZC0398	CC62145
MCPA	ND (20.5)		8151A		1	03/24/16 2:25	CZC0398	CC62145
MCPP	ND (20.7)		8151A		1	03/24/16 2:25	CZC0398	CC62145

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*54 %*		*30-150*
Surrogate: DCAA [2C]	*50 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-21 0-6
Date Sampled: 03/16/16 12:00
Percent Solids: 85

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-09
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**9.31** (2.25)		6010C		1	KJK	03/22/16 12:08	2.62	100	CC61833
Lead	**52.0** (4.50)		6010C		1	KJK	03/22/16 12:08	2.62	100	CC61833

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-21 0-6
Date Sampled: 03/16/16 12:00
Percent Solids: 85
Initial Volume: 19.5
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-09
Sample Matrix: Soil
Units: mg/kg dry
Analyst: TJ
Prepared: 3/17/16 13:30

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	**0.0072** (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
4,4´-DDE	**0.0469** (0.0151)		8081B		5	03/27/16 3:13	CZC0382	CC61721
4,4´-DDT	**0.0388** (0.0151)		8081B		5	03/27/16 3:13	CZC0382	CC61721
Aldrin	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
alpha-BHC	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
alpha-Chlordane [2C]	**LC, P 0.0058** (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
beta-BHC	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Chlordane (Total) [2C]	ND (0.0362)		8081B		1	03/24/16 11:43	CZC0382	CC61721
delta-BHC	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Dieldrin	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Endosulfan I	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Endosulfan II	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Endosulfan Sulfate	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Endrin	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Endrin Aldehyde	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Endrin Ketone	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
gamma-BHC (Lindane)	ND (0.0018)		8081B		1	03/24/16 11:43	CZC0382	CC61721
gamma-Chlordane	**0.0039** (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Heptachlor	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Heptachlor Epoxide	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Hexachlorobenzene	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Methoxychlor	ND (0.0030)		8081B		1	03/24/16 11:43	CZC0382	CC61721
Toxaphene	ND (0.151)		8081B		1	03/24/16 11:43	CZC0382	CC61721

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*98 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*104 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*78 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*82 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-21 0-6
Date Sampled: 03/16/16 12:00
Percent Solids: 85
Initial Volume: 10.1
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-09
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/21/16 16:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/24/16 2:53	CZC0398	CC62145
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/24/16 2:53	CZC0398	CC62145
2,4-D	ND (0.219)		8151A		1	03/24/16 2:53	CZC0398	CC62145
2,4-DB	ND (0.222)		8151A		1	03/24/16 2:53	CZC0398	CC62145
Dalapon	ND (0.212)		8151A		1	03/24/16 2:53	CZC0398	CC62145
Dicamba	ND (0.011)		8151A		1	03/24/16 2:53	CZC0398	CC62145
Dichlorprop	ND (0.219)		8151A		1	03/24/16 2:53	CZC0398	CC62145
Dinoseb	ND (0.222)		8151A		1	03/24/16 2:53	CZC0398	CC62145
MCPA	ND (21.7)		8151A		1	03/24/16 2:53	CZC0398	CC62145
MCPP	ND (21.9)		8151A		1	03/24/16 2:53	CZC0398	CC62145

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*64 %*		*30-150*
Surrogate: DCAA [2C]	*61 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-21 18-24
Date Sampled: 03/16/16 12:20
Percent Solids: 85

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-10
Sample Matrix: Soil
Units: mg/kg dry

Extraction Method: 3050B

Total Metals

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyst	Analyzed	I/V	F/V	Batch
Arsenic	**9.52** (2.16)		6010C		1	KJK	03/22/16 12:12	2.73	100	CC61833
Lead	**48.5** (4.31)		6010C		1	KJK	03/22/16 12:12	2.73	100	CC61833

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-21 18-24
Date Sampled: 03/16/16 12:20
Percent Solids: 85
Initial Volume: 20.2
Final Volume: 5
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-10
Sample Matrix: Soil
Units: mg/kg dry
Analyst: IBM
Prepared: 3/17/16 13:30

8081B Organochlorine Pesticides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
4,4´-DDD	**LC, P 0.0048** (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
4,4´-DDE	**0.0533** (0.0146)		8081B		5	03/26/16 21:16	CZC0461	CC61721
4,4´-DDT [2C]	**0.0308** (0.0146)		8081B		5	03/26/16 21:16	CZC0461	CC61721
Aldrin	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
alpha-BHC	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
alpha-Chlordane [2C]	**LC, P 0.0113** (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
beta-BHC	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Chlordane (Total) [2C]	**0.0484** (0.0350)		8081B		1	03/26/16 20:44	CZC0461	CC61721
delta-BHC	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Dieldrin	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Endosulfan I	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Endosulfan II	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Endosulfan Sulfate	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Endrin	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Endrin Aldehyde	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Endrin Ketone	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
gamma-BHC (Lindane)	ND (0.0017)		8081B		1	03/26/16 20:44	CZC0461	CC61721
gamma-Chlordane [2C]	**0.0058** (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Heptachlor	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Heptachlor Epoxide	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Hexachlorobenzene	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Methoxychlor	ND (0.0029)		8081B		1	03/26/16 20:44	CZC0461	CC61721
Toxaphene	ND (0.146)		8081B		1	03/26/16 20:44	CZC0461	CC61721

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*61 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*70 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*60 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*63 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC
Client Sample ID: SS-21 18-24
Date Sampled: 03/16/16 12:20
Percent Solids: 85
Initial Volume: 10.4
Final Volume: 4
Extraction Method: 3546

ESS Laboratory Work Order: 1603396
ESS Laboratory Sample ID: 1603396-10
Sample Matrix: Soil
Units: mg/kg dry
Analyst: JXS
Prepared: 3/21/16 16:00

8151A Chlorinated Herbicides

Analyte	Results (MRL)	MDL	Method	Limit	DF	Analyzed	Sequence	Batch
2,4,5-T	ND (0.011)		8151A		1	03/24/16 3:22	CZC0398	CC62145
2,4,5-TP (Silvex)	ND (0.011)		8151A		1	03/24/16 3:22	CZC0398	CC62145
2,4-D	ND (0.213)		8151A		1	03/24/16 3:22	CZC0398	CC62145
2,4-DB	ND (0.215)		8151A		1	03/24/16 3:22	CZC0398	CC62145
Dalapon	ND (0.206)		8151A		1	03/24/16 3:22	CZC0398	CC62145
Dicamba	ND (0.011)		8151A		1	03/24/16 3:22	CZC0398	CC62145
Dichlorprop	ND (0.213)		8151A		1	03/24/16 3:22	CZC0398	CC62145
Dinoseb	ND (0.215)		8151A		1	03/24/16 3:22	CZC0398	CC62145
MCPA	ND (21.1)		8151A		1	03/24/16 3:22	CZC0398	CC62145
MCPP	ND (21.3)		8151A		1	03/24/16 3:22	CZC0398	CC62145

	%Recovery	Qualifier	Limits
Surrogate: DCAA	*54 %*		*30-150*
Surrogate: DCAA [2C]	*50 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603396

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Total Metals										
Batch CC61833 - 3050B										
Blank										
Arsenic	ND	2.50	mg/kg wet							
Lead	ND	5.00	mg/kg wet							
LCS										
Arsenic	160	9.43	mg/kg wet	161.0		100	80-120			
Lead	134	18.9	mg/kg wet	138.0		97	80-120			
LCS Dup										
Arsenic	159	9.62	mg/kg wet	161.0		99	80-120	0.8	20	
Lead	132	19.2	mg/kg wet	138.0		96	80-120	1	20	
8081B Organochlorine Pesticides										
Batch CC61721 - 3546										
Blank										
4,4´-DDD	ND	0.0025	mg/kg wet							
4,4´-DDD [2C]	ND	0.0025	mg/kg wet							
4,4´-DDE	ND	0.0025	mg/kg wet							
4,4´-DDE [2C]	ND	0.0025	mg/kg wet							
4,4´-DDT	ND	0.0025	mg/kg wet							
4,4´-DDT [2C]	ND	0.0025	mg/kg wet							
Aldrin	ND	0.0025	mg/kg wet							
Aldrin [2C]	ND	0.0025	mg/kg wet							
alpha-BHC	ND	0.0025	mg/kg wet							
alpha-BHC [2C]	ND	0.0025	mg/kg wet							
alpha-Chlordane	ND	0.0025	mg/kg wet							
alpha-Chlordane [2C]	ND	0.0025	mg/kg wet							
beta-BHC	ND	0.0025	mg/kg wet							
beta-BHC [2C]	ND	0.0025	mg/kg wet							
delta-BHC	ND	0.0025	mg/kg wet							
delta-BHC [2C]	ND	0.0025	mg/kg wet							
Dieldrin	ND	0.0025	mg/kg wet							
Dieldrin [2C]	ND	0.0025	mg/kg wet							
Endosulfan I	ND	0.0025	mg/kg wet							
Endosulfan I [2C]	ND	0.0025	mg/kg wet							
Endosulfan II	ND	0.0025	mg/kg wet							
Endosulfan II [2C]	ND	0.0025	mg/kg wet							
Endosulfan Sulfate	ND	0.0025	mg/kg wet							
Endosulfan Sulfate [2C]	ND	0.0025	mg/kg wet							
Endrin	ND	0.0025	mg/kg wet							
Endrin [2C]	ND	0.0025	mg/kg wet							
Endrin Aldehyde	ND	0.0025	mg/kg wet							
Endrin Aldehyde [2C]	ND	0.0025	mg/kg wet							
Endrin Ketone	ND	0.0025	mg/kg wet							
Endrin Ketone [2C]	ND	0.0025	mg/kg wet							
gamma-BHC (Lindane)	ND	0.0015	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603396

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC61721 - 3546										
gamma-BHC (Lindane) [2C]	ND	0.0015	mg/kg wet							
gamma-Chlordane	ND	0.0025	mg/kg wet							
gamma-Chlordane [2C]	ND	0.0025	mg/kg wet							
Heptachlor	ND	0.0025	mg/kg wet							
Heptachlor [2C]	ND	0.0025	mg/kg wet							
Heptachlor Epoxide	ND	0.0025	mg/kg wet							
Heptachlor Epoxide [2C]	ND	0.0025	mg/kg wet							
Hexachlorobenzene	ND	0.0025	mg/kg wet							
Hexachlorobenzene [2C]	ND	0.0025	mg/kg wet							
Methoxychlor	ND	0.0025	mg/kg wet							
Methoxychlor [2C]	ND	0.0025	mg/kg wet							
Surrogate: Decachlorobiphenyl	*0.0125*		mg/kg wet	*0.01250*		*100*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0128*		mg/kg wet	*0.01250*		*102*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0111*		mg/kg wet	*0.01250*		*89*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0113*		mg/kg wet	*0.01250*		*90*	*30-150*			
LCS										
4,4´-DDD	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
4,4´-DDD [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
4,4´-DDE	0.0116	0.0025	mg/kg wet	0.01250		92	40-140			
4,4´-DDE [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
4,4´-DDT	0.0129	0.0025	mg/kg wet	0.01250		103	40-140			
4,4´-DDT [2C]	0.0133	0.0025	mg/kg wet	0.01250		107	40-140			
Aldrin	0.0117	0.0025	mg/kg wet	0.01250		94	40-140			
Aldrin [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
alpha-BHC	0.0122	0.0025	mg/kg wet	0.01250		97	40-140			
alpha-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
alpha-Chlordane	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
alpha-Chlordane [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
beta-BHC	0.0114	0.0025	mg/kg wet	0.01250		92	40-140			
beta-BHC [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140			
delta-BHC	0.0118	0.0025	mg/kg wet	0.01250		94	40-140			
delta-BHC [2C]	0.0114	0.0025	mg/kg wet	0.01250		91	40-140			
Dieldrin	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Dieldrin [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140			
Endosulfan I	0.0121	0.0025	mg/kg wet	0.01250		97	40-140			
Endosulfan I [2C]	0.0123	0.0025	mg/kg wet	0.01250		99	40-140			
Endosulfan II	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
Endosulfan II [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140			
Endosulfan Sulfate	0.0123	0.0025	mg/kg wet	0.01250		98	40-140			
Endosulfan Sulfate [2C]	0.0133	0.0025	mg/kg wet	0.01250		106	40-140			
Endrin	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Endrin [2C]	0.0129	0.0025	mg/kg wet	0.01250		103	40-140			
Endrin Aldehyde	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Endrin Aldehyde [2C]	0.0124	0.0025	mg/kg wet	0.01250		99	40-140			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603396

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC61721 - 3546										
Endrin Ketone	0.0123	0.0025	mg/kg wet	0.01250		99	40-140			
Endrin Ketone [2C]	0.0127	0.0025	mg/kg wet	0.01250		102	40-140			
gamma-BHC (Lindane)	0.0117	0.0015	mg/kg wet	0.01250		94	40-140			
gamma-BHC (Lindane) [2C]	0.0116	0.0015	mg/kg wet	0.01250		93	40-140			
gamma-Chlordane	0.0117	0.0025	mg/kg wet	0.01250		93	40-140			
gamma-Chlordane [2C]	0.0124	0.0025	mg/kg wet	0.01250		100	40-140			
Heptachlor	0.0116	0.0025	mg/kg wet	0.01250		93	40-140			
Heptachlor [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140			
Heptachlor Epoxide	0.0115	0.0025	mg/kg wet	0.01250		92	40-140			
Heptachlor Epoxide [2C]	0.0122	0.0025	mg/kg wet	0.01250		98	40-140			
Hexachlorobenzene	0.0113	0.0025	mg/kg wet	0.01250		90	40-140			
Hexachlorobenzene [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140			
Methoxychlor	0.0124	0.0025	mg/kg wet	0.01250		99	40-140			
Methoxychlor [2C]	0.0128	0.0025	mg/kg wet	0.01250		102	40-140			
Surrogate: Decachlorobiphenyl	*0.0129*		mg/kg wet	*0.01250*		*103*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0132*		mg/kg wet	*0.01250*		*106*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0114*		mg/kg wet	*0.01250*		*91*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0115*		mg/kg wet	*0.01250*		*92*	*30-150*			
LCS Dup										
4,4´-DDD	0.0114	0.0025	mg/kg wet	0.01250		92	40-140	3	30	
4,4´-DDD [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	3	30	
4,4´-DDE	0.0111	0.0025	mg/kg wet	0.01250		89	40-140	4	30	
4,4´-DDE [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	3	30	
4,4´-DDT	0.0126	0.0025	mg/kg wet	0.01250		101	40-140	2	30	
4,4´-DDT [2C]	0.0128	0.0025	mg/kg wet	0.01250		102	40-140	4	30	
Aldrin	0.0116	0.0025	mg/kg wet	0.01250		93	40-140	1	30	
Aldrin [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	2	30	
alpha-BHC	0.0121	0.0025	mg/kg wet	0.01250		96	40-140	0.8	30	
alpha-BHC [2C]	0.0113	0.0025	mg/kg wet	0.01250		90	40-140	2	30	
alpha-Chlordane	0.0112	0.0025	mg/kg wet	0.01250		90	40-140	3	30	
alpha-Chlordane [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	3	30	
beta-BHC	0.0112	0.0025	mg/kg wet	0.01250		90	40-140	2	30	
beta-BHC [2C]	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	3	30	
delta-BHC	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	3	30	
delta-BHC [2C]	0.0110	0.0025	mg/kg wet	0.01250		88	40-140	4	30	
Dieldrin	0.0116	0.0025	mg/kg wet	0.01250		93	40-140	3	30	
Dieldrin [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	3	30	
Endosulfan I	0.0114	0.0025	mg/kg wet	0.01250		91	40-140	6	30	
Endosulfan I [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	3	30	
Endosulfan II	0.0116	0.0025	mg/kg wet	0.01250		93	40-140	2	30	
Endosulfan II [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	3	30	
Endosulfan Sulfate	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	3	30	
Endosulfan Sulfate [2C]	0.0129	0.0025	mg/kg wet	0.01250		103	40-140	3	30	
Endrin	0.0119	0.0025	mg/kg wet	0.01250		96	40-140	2	30	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603396

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8081B Organochlorine Pesticides										
Batch CC61721 - 3546										
Endrin [2C]	0.0125	0.0025	mg/kg wet	0.01250		100	40-140	3	30	
Endrin Aldehyde	0.0118	0.0025	mg/kg wet	0.01250		94	40-140	2	30	
Endrin Aldehyde [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	2	30	
Endrin Ketone	0.0119	0.0025	mg/kg wet	0.01250		96	40-140	3	30	
Endrin Ketone [2C]	0.0120	0.0025	mg/kg wet	0.01250		96	40-140	6	30	
gamma-BHC (Lindane)	0.0116	0.0015	mg/kg wet	0.01250		92	40-140	2	30	
gamma-BHC (Lindane) [2C]	0.0113	0.0015	mg/kg wet	0.01250		90	40-140	2	30	
gamma-Chlordane	0.0113	0.0025	mg/kg wet	0.01250		91	40-140	3	30	
gamma-Chlordane [2C]	0.0121	0.0025	mg/kg wet	0.01250		97	40-140	3	30	
Heptachlor	0.0115	0.0025	mg/kg wet	0.01250		92	40-140	1	30	
Heptachlor [2C]	0.0117	0.0025	mg/kg wet	0.01250		93	40-140	2	30	
Heptachlor Epoxide	0.0112	0.0025	mg/kg wet	0.01250		90	40-140	2	30	
Heptachlor Epoxide [2C]	0.0119	0.0025	mg/kg wet	0.01250		95	40-140	3	30	
Hexachlorobenzene	0.0113	0.0025	mg/kg wet	0.01250		90	40-140	0.1	30	
Hexachlorobenzene [2C]	0.0118	0.0025	mg/kg wet	0.01250		95	40-140	0.3	30	
Methoxychlor	0.0118	0.0025	mg/kg wet	0.01250		94	40-140	5	30	
Methoxychlor [2C]	0.0123	0.0025	mg/kg wet	0.01250		98	40-140	4	30	
Surrogate: Decachlorobiphenyl	*0.0118*		mg/kg wet	*0.01250*		*95*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0122*		mg/kg wet	*0.01250*		*98*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0113*		mg/kg wet	*0.01250*		*90*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0113*		mg/kg wet	*0.01250*		*91*	*30-150*			
8151A Chlorinated Herbicides										
Batch CC62145 - 3546										
Blank										
2,4,5-T	ND	0.010	mg/kg wet							
2,4,5-T [2C]	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex)	ND	0.010	mg/kg wet							
2,4,5-TP (Silvex) [2C]	ND	0.010	mg/kg wet							
2,4-D	ND	0.188	mg/kg wet							
2,4-D [2C]	ND	0.188	mg/kg wet							
2,4-DB	ND	0.190	mg/kg wet							
2,4-DB [2C]	ND	0.190	mg/kg wet							
Dalapon	ND	0.182	mg/kg wet							
Dalapon [2C]	ND	0.182	mg/kg wet							
Dicamba	ND	0.009	mg/kg wet							
Dicamba [2C]	ND	0.009	mg/kg wet							
Dichlorprop	ND	0.188	mg/kg wet							
Dichlorprop [2C]	ND	0.188	mg/kg wet							
Dinoseb	ND	0.190	mg/kg wet							
Dinoseb [2C]	ND	0.190	mg/kg wet							
MCPA	ND	18.6	mg/kg wet							
MCPA [2C]	ND	18.6	mg/kg wet							
MCPP	ND	18.8	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603396

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8151A Chlorinated Herbicides										
Batch CC62145 - 3546										
MCPP [2C]	ND	18.8	mg/kg wet							
Surrogate: DCAA	*16.6*		mg/kg wet	*20.00*		*83*	*30-150*			
Surrogate: DCAA [2C]	*16.9*		mg/kg wet	*20.00*		*85*	*30-150*			
LCS										
2,4,5-T	0.013	0.010	mg/kg wet	0.01900		70	40-140			
2,4,5-T [2C]	0.013	0.010	mg/kg wet	0.01900		66	40-140			
2,4,5-TP (Silvex)	0.013	0.010	mg/kg wet	0.01900		66	40-140			
2,4,5-TP (Silvex) [2C]	0.013	0.010	mg/kg wet	0.01900		68	40-140			
2,4-D	0.158	0.188	mg/kg wet	0.1880		84	40-140			
2,4-D [2C]	0.189	0.188	mg/kg wet	0.1880		100	40-140			
2,4-DB	0.108	0.190	mg/kg wet	0.1900		57	40-140			
2,4-DB [2C]	0.104	0.190	mg/kg wet	0.1900		55	40-140			
Dalapon	0.287	0.182	mg/kg wet	0.4550		63	40-140			
Dalapon [2C]	0.296	0.182	mg/kg wet	0.4550		65	40-140			
Dicamba	0.012	0.009	mg/kg wet	0.01880		64	40-140			
Dicamba [2C]	0.014	0.009	mg/kg wet	0.01880		74	40-140			
Dichlorprop	0.190	0.188	mg/kg wet	0.1880		101	40-140			
Dichlorprop [2C]	0.208	0.188	mg/kg wet	0.1880		111	40-140			
Dinoseb	0.029	0.190	mg/kg wet	0.09500		31	10-100			
Dinoseb [2C]	0.028	0.190	mg/kg wet	0.09500		30	10-100			
MCPA	14.0	18.6	mg/kg wet	18.60		75	40-140			
MCPA [2C]	16.0	18.6	mg/kg wet	18.60		86	40-140			
MCPP	13.1	18.8	mg/kg wet	18.80		70	40-140			
MCPP [2C]	16.6	18.8	mg/kg wet	18.80		88	40-140			
Surrogate: DCAA	*19.5*		mg/kg wet	*20.00*		*98*	*30-150*			
Surrogate: DCAA [2C]	*19.8*		mg/kg wet	*20.00*		*99*	*30-150*			
LCS Dup										
2,4,5-T	0.016	0.010	mg/kg wet	0.01900		86	40-140	21	30	
2,4,5-T [2C]	0.015	0.010	mg/kg wet	0.01900		78	40-140	17	30	
2,4,5-TP (Silvex)	0.014	0.010	mg/kg wet	0.01900		74	40-140	11	30	
2,4,5-TP (Silvex) [2C]	0.013	0.010	mg/kg wet	0.01900		70	40-140	3	30	
2,4-D	0.193	0.188	mg/kg wet	0.1880		103	40-140	20	30	
2,4-D [2C]	0.215	0.188	mg/kg wet	0.1880		115	40-140	13	30	
2,4-DB	0.114	0.190	mg/kg wet	0.1900		60	40-140	6	30	
2,4-DB [2C]	0.099	0.190	mg/kg wet	0.1900		52	40-140	5	30	
Dalapon	0.326	0.182	mg/kg wet	0.4550		72	40-140	13	30	
Dalapon [2C]	0.334	0.182	mg/kg wet	0.4550		73	40-140	12	30	
Dicamba	0.014	0.009	mg/kg wet	0.01880		74	40-140	14	30	
Dicamba [2C]	0.015	0.009	mg/kg wet	0.01880		80	40-140	8	30	
Dichlorprop	0.218	0.188	mg/kg wet	0.1880		116	40-140	14	30	
Dichlorprop [2C]	0.221	0.188	mg/kg wet	0.1880		117	40-140	6	30	
Dinoseb	0.040	0.190	mg/kg wet	0.09500		42	10-100	31	30	D+
Dinoseb [2C]	0.038	0.190	mg/kg wet	0.09500		40	10-100	29	30	
MCPA	17.6	18.6	mg/kg wet	18.60		95	40-140	23	30	

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603396

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8151A Chlorinated Herbicides										
Batch CC62145 - 3546										
MCPA [2C]	17.4	18.6	mg/kg wet	18.60		94	40-140	9	30	
MCPP	14.0	18.8	mg/kg wet	18.80		75	40-140	7	30	
MCPP [2C]	17.1	18.8	mg/kg wet	18.80		91	40-140	3	30	
Surrogate: DCAA	*21.2*		mg/kg wet	*20.00*		*106*	*30-150*			
Surrogate: DCAA [2C]	*21.0*		mg/kg wet	*20.00*		*105*	*30-150*			

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603396

Notes and Definitions

U	Analyte included in the analysis, but not detected
P	Percent difference between primary and confirmation results exceeds 40% (P).
LC	Lower value is used due to matrix interferences (LC).
D+	Relative percent difference for duplicate is outside of criteria (D+).
D	Diluted.
CD+	Continuing Calibration %Diff/Drift is above control limit (CD+).
CD-	Continuing Calibration %Diff/Drift is below control limit (CD-).
ND	Analyte NOT DETECTED at or above the MRL (LOQ), LOD for DoD Reports, MDL for J-Flagged Analytes
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
DL	Detection Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
[CALC]	Calculated Analyte
SUB	Subcontracted analysis; see attached report

CERTIFICATE OF ANALYSIS

Client Name: GZA GeoEnvironmental, Inc.
Client Project ID: Hampshire CC

ESS Laboratory Work Order: 1603396

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Rhode Island Potable and Non Potable Water: LAI00179
http://www.health.ri.gov/find/labs/analytical/ESS.pdf

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/OutofStateCommercialLaboratories.pdf

Maine Potable and Non Potable Water, and Solid and Hazardous Waste: RI00002
http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/documents/AllLabs.xls

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/Labcert/Labcert.aspx

New Hampshire (NELAP accredited) Potable and Non Potable Water, Solid and Hazardous Waste: 2424
http://des.nh.gov/organization/divisions/water/dwgb/nhelap/index.htm

New York (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

New Jersey (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: RI006
http://datamine2.state.nj.us/DEP_OPRA/OpraMain/pi_main?mode=pi_by_site&sort_order=PI_NAMEA&Select+a+Site:=58715

United States Department of Agriculture Soil Permit: P330-12-00139

Pennsylvania: 68-01752
http://www.depweb.state.pa.us/portal/server.pt/community/labs/13780/laboratory_accreditation_program/590095

ESS Laboratory Sample and Cooler Receipt Checklist

Client: GZA - New York, NY - GZA/CMT

Shipped/Delivered Via: ESS Courier

ESS Project ID: 1603396
Date Received: 3/16/2016
Project Due Date: 3/23/2016
Days for Project: 5 Day

1. Air bill manifest present? Yes
   Air No.: NA
2. Were custody seals present? No
3. Is radiation count <100 CPM? Yes
4. Is a Cooler Present? Yes
   Temp: 1.8 Iced with: Ice
5. Was COC signed and dated by client? Yes
6. Does COC match bottles? Yes
7. Is COC complete and correct? Yes
8. Were samples received intact? Yes
9. **Were labs informed about short holds & rushes?** Yes / No / NA
10. Were any analyses received outside of hold time? Yes / (No)

11. Any Subcontracting needed? Yes / (No)
    ESS Sample IDs:
    Analysis:
    TAT:
12. Were VOAs received? Yes / (No)
    a. Air bubbles in aqueous VOAs? Yes / No
    b. Does methanol cover soil completely? Yes / No / NA

13. Are the samples properly preserved? (Yes) / No
    a. If metals preserved upon receipt: Date: Time: By:
    b. Low Level VOAs brought to freezer: Date: Time: By:

Sample Receiving Notes:

14. Was there a need to contact Project Manager? Yes / (No)
    a. Was there a need to contact the client? Yes / No
    Who was contacted? Date: Time: By:

Sample Number	Container ID	Proper Container	Air Bubbles Present	Sufficient Volume	Container Type	Preservative	Record pH (Cyanide and 608 Pesticides)
01	17466	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
02	17465	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
03	17464	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
04	17463	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
05	17462	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
06	17461	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
07	17460	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
08	17459	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
09	17458	Yes	NA	Yes	8 oz. Jar - Unpres	NP	
10	17457	Yes	NA	Yes	8 oz. Jar - Unpres	NP	

2nd Review
Are barcode labels on correct containers? Yes / No

Completed By: Date & Time: 3/16/16 1805
Reviewed By: Date & Time: 3/16/16 1903

(1 of 2) 1 of 1 3/16/16

ESS Laboratory

Division of Thielsch Engineering, Inc.

185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

ESS Lab # 1603396

Turn Time ___X___ Standard Other_____

Regulatory State: MA RI CT NH NJ (NY) ME Other_____

Is this project for any of the following:(please circle)
MA-MCP Navy USACE CT DEP Other_____

Reporting Limits - _____

Electonic Deliverables Excel Access PDF

Co. Name: GZA GeoEnvironmental	Project #: 41.0162403.00	Project Name: Hampshire CC	
Contact Person: Stephen Kline	Address: 104 West 29th Street 10th Floor		
City: New York	State: NY	Zip: 10001	PO #:
Tel.: 212-594-8140	Fax:	email: Stephen.Kline@GZA.com	

Analysis: Pb, AS | Pest. | Herb.

ESS Lab ID	Date	Collection Time	Grab -G Composite-C	Matrix	Sample ID	Pres Code	# of Containers	Type of Container	Vol of Container	Pb, AS	Pest.	Herb.
1	3/16/16	9:15	G	Soil	SS-17 (0-6)	None	1	AG	8oz	X	X	X
2		9:35			SS-17 (18-24)		1			X	X	X
3		9:50			SS-18 (0-6)		1			X	X	X
4		10:15			SS-18 (18-24)		1			X	X	X
5		10:45			SS-19 (0-6)		1			X	X	X
6		11:00			SS-19 (18-24)		1			X	X	X
7		11:20			SS-20 (0-6)		1			X	X	X
8		11:40			SS-20 (18-24)		1			X	X	X
9		12:00			SS-21 (0-6)		1			X	X	X
10		12:20			SS-21 (18-24)		1			X	X	X

Container Type: P-Poly G-Glass AG-Amber Glass S-Sterile V-VOA

Matrix: S-Soil SD-Solid D-Sludge WW-Wastewater GW-Groundwater SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filter

Cooler Present ___✓___ Yes _____ No

Seals Intact _____ Yes _____ No NA: X

Cooler Temperature: 1.8 ice RB

Internal Use Only

[✓] Pickup

[ ] Technician___

Preservation Code: 1-NP, 2-HCl, 3-H2SO4, 4-HNO3, 5-NaOH, 6-MeOH, 7-Asorbic Acid, 8-ZnAct, 9-_____

Sampled by : James Colony

Comments:

Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)
3/16/16 1:20pm	3/16/16 13:22 RB	3/16/16 17:15	3/16/16 1800
Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)	Relinquished by: (Signature, Date & Time)	Received by: (Signature, Date & Time)

* By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VIIA

Please fax to the laboratory all changes to Chain of Custody

1 (White) Lab Copy
2 (Yellow) Client Receipt

GZA GeoEnvironmental of New York

EDR Excerpt

1025 Cove Road
1025 Cove Road
Mamaroneck, NY 10543

Inquiry Number: 4546842.2s
February 24, 2016

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

A1
Target
Property

HAMPSHIRE COUNTRY CLUB
1025 COVE ROAD
MAMARONECK, NY 10543

NY AST A100386163
N/A

Site 1 of 2 in cluster A

Actual:
7 ft.

WESTCHESTER CO. AST:

PBS Number:	3-801927
Site Status:	Active
GDS Number:	TBD
Operator Name:	Scott Olson
Owner Name:	Orienta Operating LLC
Owner Street:	1025 Cove Road
Owner Address2:	Not reported
Owner City/State/Zip:	Mamaroneck, NY 10543
Tank Number:	1
Status:	1. In-Service
Date Installation:	02/01/1998
Capacity:	1000
Product Stored:	8. Gasoline/Ethanol
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:	7. Jacketed (tank)
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	9. Modified double-walled (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	1. Painted/Asphalt Coating
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction
Tank Number:	2
Status:	1. In-Service
Date Installation:	03/01/1998
Capacity:	500
Product Stored:	6. 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:	0. None
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ Steel/Iron
Piping External Protection:	1. Painted/Asphalt Coating
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	0. None
Spill Prevention:	1. Catch Basin

HAMPSHIRE COUNTRY CLUB (Continued) **A100386163**

Dispenser:	2. Suction
Tank Number:	3
Status:	1. In-Service
Date Installation:	02/01/1998
Capacity:	275
Product Stored:	1. No. 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:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	9. Copper
Piping External Protection:	1. Painted/Asphalt Coating
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only),5. Vent Whistle
Spill Prevention:	0. None
Dispenser:	2. Suction

A2 **HAMPSHIRE COUNTRY CLUB** **NY LTANKS S103941351**
HOMMOCKS RD **NY Spills N/A**
< 1/8 **MAMARONECK, NY**
1 ft.

Site 2 of 2 in cluster A

Relative: LTANKS:
Lower

Site ID:	316007
Spill Number/Closed Date:	9902831 / 1999-08-02
Actual: Spill Date:	1999-06-11
6 ft. Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-06-11
CID:	387
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-06-11
Spill Record Last Update:	1999-08-10
Spiller Name:	KENNETH GENTILE
Spiller Company:	HAMPSHIRE COUNTRY CLUB
Spiller Address:	HOMMOCKS RD
Spiller City,St,Zip:	MAMARONECK, NY 10543-

HAMPSHIRE COUNTRY CLUB (Continued) **S103941351**

Spiller County:	001
Spiller Contact:	KENNETH GENTILE
Spiller Phone:	(914) 698-6131
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	254756
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 6/11/99 550 GALLON. NO PBS NUMBER BUT SHOULD BE REGISTERED. SPILL #99-02193 SECOND GASOLINE TANK ON SAME SITE ALSO CALLED IN BY NES. 8/02/99 NES PULLED TANK AND CONTAMINATED SOIL. NFA"
Remarks:	"DISCOVERED WHOLES IN TANK-REMOVING TANK AND SOIL-IN PROCESS OF BEING CLEANED UP"

Material:

Site ID:	316007
Operable Unit ID:	1077437
Operable Unit:	01
Material ID:	302760
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

SPILLS:

Facility ID:	9902193
Facility Type:	ER
DER Facility ID:	254756
Site ID:	316006
DEC Region:	3
Spill Date:	1999-05-26
Spill Number/Closed Date:	9902193 / 1999-08-02
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6032
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1999-05-26
CID:	384
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
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

HAMPSHIRE COUNTRY CLUB (Continued) **S103941351**

Date Entered In Computer:	1999-05-26
Spill Record Last Update:	1999-08-10
Spiller Name:	KENNETH GENTILE
Spiller Company:	HAMPSHIRE COUNTRY CLUB
Spiller Address:	HOMMOCKS RD
Spiller City,St,Zip:	MAMARONECK, NY 10543-
Spiller Company:	001
Contact Name:	KENNETH GENTILE
Contact Phone:	(914) 698-6131
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 8/2/99 NES PULLED TANK AND CONTAMINATED SOIL. NFA"
Remarks:	"CALLER STATES HOLES WERE FOUND IN PIPELINE. CLEAN UP IS IN PROCESS."

Material:

Site ID:	316006
Operable Unit ID:	1081111
Operable Unit:	01
Material ID:	553139
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Gallons
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

3
SE
< 1/8
0.002 mi.
9 ft.

Relative:
Higher

Actual:
14 ft.

220223; 1020 COVE ROAD **NY Spills** **S110750420**
1020 COVE ROAD **N/A**
WESTCHESTER, NY

SPILLS:

Facility ID:	1008988
Facility Type:	ER
DER Facility ID:	397442
Site ID:	442462
DEC Region:	3
Spill Date:	2010-02-14
Spill Number/Closed Date:	1008988 / 2010-02-15
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6000
Investigator:	DMPOKRZY
Referred To:	Not reported
Reported to Dept:	2010-06-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported

Spill Incidents Database Results

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 3
Spill Number: 9902831

Spill Date/Time

Spill Date: 06/11/1999 **Spill Time:** 10:45:00 AM
Call Received Date: 06/11/1999 **Call Received Time:** 11:20:00 AM

Location

Spill Name: HAMPSHIRE COUNTRY CLUB
Address: HOMMOCKS RD
City: MAMARONECK **County:** Westchester

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#2 fuel oil	UNKNOWN	Soil

Cause: Tank Failure
Source: Private Dwelling
Waterbody:

Record Close

Date Spill Closed: 08/02/1999

"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: 9902193

Spill Date/Time

Spill Date: 05/26/1999 **Spill Time:** 01:30:00 PM
Call Received Date: 05/26/1999 **Call Received Time:** 01:55:00 PM

Location

Spill Name: HAMPSHIRE COUNTRY CLUB
Address: HOMMOCKS RD
City: MAMARONECK **County:** Westchester

Spill Description

Material Spilled	Amount Spilled	Resource Affected
gasoline	UNKNOWN	Soil

Cause: Equipment Failure
Source: Institutional, Educational, Gov., Other
Waterbody:

Record Close

Date Spill Closed: 08/02/1999

"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

Town of Mamaroneck Foil Request

Town of Mamaroneck
Office of the Town Clerk, Town Center
740 West Boston Post Road, Mamaroneck, NY
10543-3353

Christina Battalia, CMC, RMC
Mamaroneck Town Clerk

TEL: 914/381-7870
FAX: 914/381-7813

cbattalia@townofmamaroneck.org

I hereby apply for copies of the following record(s) with the understanding that I will pay the indicated costs of reproduction as outlined in Chapter 167 of the Code of the Town of Mamaroneck relating to inspection and copying of public records:

INFORMATION REQUESTED

PLEASE BE AS DETAILED AND SPECIFIC AS POSSIBLE _____

Environmental records associated with 1025 Cover Road, Mamaroneck, New York

_____

_____

_____

Date 2/22/2016

Name of Requester (please print) Rahul Bhatia **Signature** _____

Representing Rahul Bhatia **Telephone #** _____ **Fax #** _____

Email _____

(PLEASE WRITE EMAIL LEGIBLY)

Mailing Address _____

FOR OFFICE USE ONLY

Date Received: _____ **Date Completed:** _____ **Number of pages:** ____

Format (circle one) **hard copy** **Fax** **Email**

Was the Request Given to Applicant: (circle one) **YES** **NO**

Approved ( ) (if not part of an open investigation)

Denied (for the reason(s) check below)

- **( )** **Inter or Intra-Agency Record, which is neither factual nor statistical tabulations**
- **( )** **Confidential disclosure**
- **( )** **Part of investigatory files**
- **( )** **Unwarranted invasion of personal privacy**
- **( )** **Record of which this agency is not legal custodian**
- **( )** **Cannot be found**
- **( )** **Record is not maintained by this agency**
- **( )** **Exempted by statute other than the Freedom of Information Act**
- **( )** **Other** _____

Signature of Freedom of Information Officer _____ **_Date**_____

Christina Battalia

NOTICE: You have a right to appeal a denial of this application. Appeals should be directed to the Town Supervisor.

Westchester County Foil Request Confirmations

FOIL Request Has Been Sent

Your request for information has been sent. Someone from the specified department will contact you soon.

Contact Us

Contact Us

E-Mail the CE

Elected Officials

Commissioners and Directors

Other Appointed Officials

Advisory Boards

Ad Hoc Advisory Boards

Directions

Subscribe

FOIL

Westchester County Government | 148 Martine Avenue | White Plains, New York 10601 | (914) 995-2000

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FOIL Request Has Been Sent

Your request for information has been sent. Someone from the specified department will contact you soon.

Contact Us

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