

VoM FMAC – Agenda – 6/27/2023

1. **Welcome to the June 2023 FMAC Meeting**
2. **Meetings Info**
 - a. 4th Tuesday of the month, generally, 7 PM, Courthouse with Zoom for the Public
 - i. Members who cannot attend in person may Zoom in but cannot vote unless they follow location protocol
3. **Meeting Minutes for Approval – March, April, May 2023**
4. **Updates**
 - a. **To Do's from the May 2023 Meeting**
 - i. Resolution 1 to Mayor & BoT – May 2023 -1 - FMAC Resolution - Stormwater (SW) Regulations and Codes - see below
 - ii. Resolution 2 to Mayor & BoT – May 2023 -2 FMAC Resolution - Mitigating Recent Flooding Along the Sheldrake - see below
 - iii. Gelber, Glener, Rubin met with Residents re Recent flooding- some
 - b. **Updates on *The Holistic Watershed Plan – ‘Parallel Paths’ for Stormwater Mitigation***
 - i. Silt Removal
 - ii. USACE Project and Next Meeting
 - iii. Mam Dam & Reservoir Study
 1. Next Steps
 - iv. SLR Study – Updates and when will report be public?
 - v. Comprehensive Plan – any updates?
 - vi. I 95 Stormwater Flows – Updates – Next Mtg?
 1. Conference call with NYTA
 - vii. US1 Boston Post Rd Bridge
 - viii. Waverly Ave Br
 - ix. The Resident Assistance Initiative – Updates Finch, Yizar-Reid
 - x. Mam Ave School -?
 - xi. EV Stations at Jefferson Parking Lot
 - xii. Communication & Cooperation with Municipalities in our Watersheds
 - xiii. Other
5. **New Business**
 - a. Monthly or every other month FMAC meet and greets, the procedure we need to follow and where the first one should be (Stoneybrook Ave is under-discussed)
 - b. Recommend to the BOT a resolution to study the aquifer and solutions
 - c. Recent Code Changes?
 - d. April, May Floods
 - i. List of areas and depths
 - ii. Actions to take
 1. Thoughts - TG
 - a. Flooding of Sheldrake
 - i. Before the Walkbridge – remove the walkbridge asap
 - ii. near turn at Hoyt Ave
 1. Add sandbags
 2. Review permits for ‘dog run’ alongside the Mason
 - a. appears to be in the floodway and limits flows
 - iii. Other
 - e. Grant Programs – tree inventory and Planting Program – NY DEC
 - f. Other

Previous Business - Updates

6. **Flood Plain Regulations – discussion;**
 - a. How do we best proceed on this subject?
 - b. Discussion - Member letter on VanRanst
 - c. Simple Actions to take
 - i. E.g. – no variances in the flood plain
 - ii. other
7. **Applications Review – Updates & Process**
 - a. Process Review – what is it? Are we following it, how can we do better?

- b. Status of Various Applications

8. Project List – Update on Revision – Patti T

9. Emergency Preparedness – Tony G spoke with Jim Killoran of The Fuller Center re Sandbag Program for VoM

- a. Jim has volunteers who could help us distribute
- b. Next Steps
- c. Actions in conjunction with small flooding April/May 2023 – what can we do?

10. Other

11. Questions from the Audience

- d. Allowed if Agenda has been completed
- e. limited to 3 minutes per person on Flood topics

Appendices

a. Resolutions sent to BoT

a. May 2023 -1 - FMAC Resolution - Stormwater (SW) Regulations and Codes

FMAC requests that you review and develop an action and implementation plan for items 1,2,3 and 4 throughout the VoM, in and out of the floodplain, asap, and review the FMAC Member Suggestions for Regulation and Code Changes below items 1- 4:

1. Review and tighten stormwater regulations and codes throughout the VoM, both in and out of the flood plain, see below for detailed suggestions.

- Note in most parts of the VoM every drop of precipitation, in and out of the floodplain, flows downhill into one of our 3 Rivers contributing to flooding.

2. Develop and fund, VoM and grants, an incentive-based program to help all property owners increase SW retention and detention with green and gray infrastructure projects such as dry wells, bio-swales, permeable surfaces, gravel-based parking lots, roof retention, enhancement of local infrastructure serving the property and tanks, etc. These actions will retain/detain water and reduce flooding.

The incentives to property owners, will include financial incentives as well as the Code 'allowances, see below for suggestions.

- Note 1 - NYC has a very successful model
- Note 2 - a review of soils and aquifer water levels throughout the VoM should be studied before ground level green infrastructure is implemented.

3. Enhance code enforcement from the permitting process through construction and occupancy to ensure that existing and new codes are fully enforced and existing floatables, property and debris of all types are either secured, enclosed by a fence or removed in its entirety.

4. Review and amend the very recent code changes to the C1 and C2 districts to comply to the existing and proposed SW Regs in both flood zones (i.e. Zones AE, A1-A30, AH, AO, VE, V1-V30) and non-flood designated zones.

- Note - FMAC supports low income housing but not at the risk of increased flooding for all residents - low and moderate income.

Regulations and Codes Suggestions from FMAC Members for Review

General

- 1) 500-year storm water dry well system according to the size of the structure.
- 2) mandatory flat / water detention roof. (capacity to be discussed with village engineer)
- 3) Bio Swales.
- 4) pervious pavers/black top for driveway and all walkways including public sidewalks.
- 4) NO raising of grade.
- 5) Multifamily developments that are not in the flood zone but their water drain into the flood zone must comply to new local laws.
- 6) New residential building (3 units and under), Multifamily units and commercial build must conform to existing NYS flood zone regulations

7) No variances in the floodplain

8) The footprint of natural pervious surfaces must not decrease

9) The village sewage/drainage infrastructure must have the ability to take on the additional volume resulting in the building/rehab

Code 'Allowances' for Review

- allowances for height when building to encourage the installation of electrical and HVAC components at higher levels [above BFE] to reduce the likelihood of repeat loss
- side-yard backyard setbacks should be relaxed to provide for the installation bio-swales and other flood mitigation and retention measures

Specific Code References

186-5

(1) Current

Anchoring. New structures and substantial improvement to structures in areas of special flood hazard shall be anchored to prevent flotation, collapse, or lateral movement during the base flood. This requirement is in addition to applicable state and local anchoring requirements for resisting wind forces.

(1) Proposed

Anchoring. New structures and substantial improvement to structures in areas of special flood hazard shall be anchored to prevent flotation, collapse, or lateral movement during the base flood. This requirement is in addition to applicable state and local anchoring requirements for resisting wind forces. A signature from an engineer, architect or hydrologist must certify that the anchoring will prevent the above.

(b) (Current)

2a New construction and substantial improvements to structures shall be constructed with materials and utility equipment resistant to flood damage.

(New) 2A-1: Material Construction

2a (new) New construction and substantial improvements to structures shall be constructed with Class 5 materials. This would include all structural and finish materials, fasteners and connectors for more information about building material types that are acceptable please visit https://www.fema.gov/sites/default/files/2020-07/fema_tb_2_flood_damage-resistant_materials_requirements.pdf

Background

Class 5 Highly resistant to floodwater¹ damage, including damage caused by moving water.² These materials can survive wetting and drying and may be successfully cleaned after a flood to render them free of most harmful pollutants.³ Materials in this class are permitted for partially enclosed or outside uses with essentially unmitigated flood exposure.

Class 4 Resistant to floodwater¹ damage from wetting and drying, but less durable when exposed to moving water.² These materials can survive wetting and drying and may be successfully cleaned after a flood to render them free of most harmful pollutants.

Class 3 Materials in this class may be exposed to and/or submerged in floodwaters in interior spaces and do not require special waterproofing protection. ³ Resistant to clean water⁴ damage, but not floodwater damage. Materials in this class may be submerged in clean water during periods of flooding. These materials can survive wetting and drying, but may not be able to be successfully cleaned after floods to render them free of most³ harmful pollutants.

Class 2 Not resistant to clean water⁴ damage. Materials in this class are used in predominantly dry spaces that may be subject to occasional water vapor and/or slight seepage. These materials cannot survive the wetting and drying associated with floods.

Class 1 Not resistant to clean water⁴ damage or moisture damage. Materials in this class are used in spaces with conditions of complete dryness. These materials cannot survive the wetting and drying associated with floods

(New) 2A-2- Utility Equipment

New construction and substantial improvements to structures shall be constructed with utility equipment Above BFE. If this is not possible utility equipment built at or below BFE must be dry floodproofed or constructed in a means that would result in a watertight structure.

The NFIP requires that non-residential buildings in Zone A be designed with their lowest floors at or above the BFE or, if not elevated, to be dry floodproofed. Dry floodproofing is achieved by designing and constructing measures that result in watertight

structures, including attendant utilities and equipment, with all elements substantially impermeable to the passage of water. Structural components must have the capacity to resist flood loads and penetrations through walls and floors below the required flood elevation and must be watertight

If a proposed building site is in a flood-prone area, all new construction and substantial improvements shall (i) be designed (or modified) and adequately anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, (ii) be constructed with materials resistant to flood damage, (iii) be constructed by methods and practices that minimize flood damages, and (iv) be constructed with electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities 2-2 PROTECTING BUILDING UTILITY SYSTEMS FROM FLOOD DAMAGE Principles and Practices for the Design and Construction of Flood Resistant Building Utility Systems that are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding.” [emphasis added]

https://www.fema.gov/sites/default/files/2020-07/fema_p-348_protecting_building_utility_systems_from_flood_damage_2017.pdf

(Old) 2(b)

(b) New construction and substantial improvements to structures shall be constructed using methods and practices that minimize flood damage.

(New) 2(b)

(b) New construction and substantial improvements to structures shall be constructed using methods and practices that minimize flood damage including.

1. All new surfaces, including driveways, parking areas, sidewalks, foundations etc. would have to be pervious (excluding commercial building parking/driveway areas that have substantial traffic)
2. All roofs would have to have a flood mitigation plan
3. Property would have to hold water on property
4. All exterior edifices would have to be anchored
5. It would have to be determined if any additional water would drain from the property that exceeds the current amount water that is being drained. If so, additional drainage capacity would have to be constructed at the building owners' cost.
6. All electronic systems must have a hard-wired back-up that would allow it to run without electric power for at least 24 hours.

Current 2c

(C)For enclosed areas below the lowest floor of a structure within Zone A1-A30, AE or AH, and also Zone A if base flood elevation data are available, new and substantially improved structures shall have fully enclosed areas below the lowest floor that are useable solely for parking of vehicles, building access or storage in an area other than a basement and which are subject to flooding, designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of flood waters. Designs for meeting this requirement must either be certified by a licensed professional engineer or architect or meet or exceed the following minimum criteria: [1] a minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding; and [2] the bottom of all such openings no higher than one foot above the lowest adjacent finished grade. Openings may be equipped with louvers, valves, screens or other coverings or devices, provided they permit the automatic entry and exit of floodwaters. Enclosed areas subgrade on all sides are considered basements and are not permitted

2c-2 (new) For any existing building that is applying for substantial improvements on the part of their property below the flood plain (i.e. basement) a flood mitigation plan (i.e. pump system) must already exist or be added to that part of the property. All pump systems must have a hard-wired back-up that would allow it to run without electric power for at least 24 hours.

2c-3 (new). All surface walls must be coated with epoxy or a wall coating of equal waterproofing rating.

Flood Zones (background)

Zones AE and A1-A30: Areas subject to inundation by the 1 percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. Mandatory flood insurance purchase requirements apply. (Zone AE is used on new and revised maps in place of Zones A1-A30).

Zone AH: Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1-3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone. Mandatory flood insurance purchase requirements apply.

Zone AO: Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1-3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone. Mandatory flood insurance purchase requirements apply.

VE, V1-V30

Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. Base Flood Elevations (BFEs) derived from detailed hydraulic analyses are shown. Mandatory flood insurance purchase requirements and floodplain management standards apply.

Zones B, C, and X: Areas identified in a community's FIS as areas of moderate or minimal hazard from the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's FIS. The failure of a local drainage system creates areas of high flood risk within these rate zones. Flood insurance is available in participating communities but is not required by regulation in these zones. Zone X is used on new and revised maps in place of Zones B and C.

3.C (4) Utilities (old)

Within Zones AH and AO, adequate drainage paths are required to guide flood waters around and away from proposed structures on slopes.

3.C (4) (new)

Within Zones AH and AO, adequate drainage paths are required to guide flood waters around and away from proposed structures on slopes. This plan would need to be approved by a licensed architect, hydrologist or engineer.

b. Resolution 2 to Mayor & BoT – May 2023 -2 FMAC - Resolution - Mitigating Recent Flooding Along the Sheldrake

FMAC asks the Mayor and BoT to discuss, review, and set up planning and implementation process asap for the following:

1. Discuss with the ACE the immediate removal of the Center St. Footbridge
 - a. alternate walk paths and signage will be needed during construction of the Waverly Ave. Br., starting July 1 and the Bub Walker Park Route appears safer and has been used historically by residents
2. Add barriers at the 90 degree turn before the Mason to prevent water flowing through Marvel Mystery Oil and onto Fenimore and into the Industrial Area
3. remove the 'dog run' in the floodway adjacent to the Mason
4. Clean out the Sheldrake channel from Fenimore Rd to Mam Ave Br
 - a. trees growing in the floodway and on the banks
 - b. debris from recent storms in the river
 - c. silt removal as soon as permits are obtained
5. Review and enforce storage and floatables along the banks of the Sheldrake
6. Flood gauge system or alternate camera system asap
7. other ideas/solutions including those which may come from the SLR Report such as - river widening & or deepening, raising retaining walls etc.

c. Grassy Channel and Permeable Surfaces vs. Closed Tunnel – Columbus Park



**Open Diversion Culvert
& Porous, Floodplain Parking**

The open culvert has same the carrying capacity as the underground culvert, but grass, unlike cement, allows for permeability of the channel area. Open culvert will be easier and safer to maintain, especially in heavy flood conditions.

Lowering of parking and park area by 3½ ft. (~100,000 sq. ft. per VoM GIS map 4-1-581) and replacement of asphalt with porous pavers and vegetation allows for the holding of an additional 350,000 cubic ft/ 2,6 mm gallons of floodwater which will recharge groundwater, and avoiding neighboring homes.

Lowering and reconfiguration of parking allows for revitalization of riverfront parkland and neighborhood access.

d. The Mamaroneck Holistic Watershed Flood Control Plan - Draft Outline

		The Mamaroneck Holistic Watershed Flood Control Plan - Draft Outline - for Discussion Only - Updated	
TG est		<i>Industry Std Projects Steps - Feasibility Study & Review; Schematic Design & Rev; Design Dev & Rev; Const Doc; Bidding & Award; Construction; 24 months minimum Commissioning</i>	
TG est		<i>Permitting & Funding should be a parallel path - Local Land Use Committees Review & Approvals, DEC & ACE review & permits; Local building permits</i>	
		Projects	Updates for 2/28/28
1		Silt Removal	In Progress?
2		USACE - Project	
		PPA Project Partnership Agreement	in progress
		Tweaks & Proj Design	after PPA signed
3		Mam Dam Study	Draft completed
		develop vision, options, costs	
4		Mam/Sheldrake Beaver Brook - Watershed Study	In Progress
		Floodmarks - Walk	
5		Surface Flows Study in the West Village	
6		Emer Preparedness	TG spoke with Jim Killoran re Sandbags
7		Evaluate Innovative Options	
		Temp pumps at the Confluence	
		Innovative flood barriers	

		Modern Floodgates & Controls	
		Roads as temp bypasses	
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		other	
8		Mam Reservoir	
		Determine Vision, Options and Costs	
9		Aquifer and Impact on Flooding	
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10		Harbor Heights & Hydraulic & Hydrology Study	VoM FMAC has asked USACE to include in the Village H&H, Hydrology & hydraulic study - TG
		Rd to Nowhere & Glendale Rd	Asked ACE to include
		Development in Harrison	
		Other	
11		Crushed Culvert Under Ralph Ave	?
12		Florence Park Storm & Sanitary Sewer Problems	?
13		Beaver Swam Brook Flooding	to be included in DEC Watershed Study - TG
14		Sound Shore Flooding	
15		Bridge Replacements	
		Waverly Ave.	being completed by the ToM
		Walk Bridges	USACE
		Ward Ave	USACE
		Thompkins	VoM rec'd rebuild Grant
		Short St Br/Culvert	
		other	
16		Better Dry Housing Initiatives	
17		Other	
1 8		Stormwater Drainage Pipes Study, in Flood Areas – size, location, condition	
19		I 95 Mountain of Dirt - Options	
20		Enforcement of 'Floatables Law' -Storage Containers, etc.	

Dear Chair and Member of the Flood Mitigation Advisory Committee,

I am writing because your next agenda has an item for "Review permits for "dog run" alongside the Mason a. appears to be in the floodway and limits flows". However, there is NO back up for the discussion item. Appended to this email are my communications from last year to the Building Department, Board of Trustees and NYDEC. I also emailed the FMAC about this violation three separate times.

On April 17 I sent the below response to the Shawn Jiminson at the Building Department after he informed me that "Stuart a stop work order was issued for this project a few weeks ago. It looks the same as when the project was stopped. There is nothing more for us to do until they come in to file for it. Thank you "

"I am writing because I just found this response from you about my complaint about The Mason and have a couple of questions.

- Why does the Village have to wait for The Mason to "file" to take enforcement action?
- Why can't the Village issue an Order to Remedy for the retaining wall?

On January 2, 2023 I also submitted a complaint citing two sections of code that I believe the dog run is in violation of:

- Section 156-4 states "No person shall construct, erect or maintain a dog enclosure or dog run within 30 feet of any building used for residential purposes." Upon information and belief, the dog run is within thirty feet of the building.
- Section 186 -4 (B) (1) states that " It shall be unlawful to undertake any development in an area of special flood hazard, as shown on the Flood Insurance Rate Map enumerated in § **186-3B**, without a valid floodplain development permit. Application for a permit shall be made on forms furnished by the local administrator and may include, but not be limited to: plans, in duplicate, drawn to scale and showing: the nature, location, dimensions, and elevations of the area in question; existing or proposed structures, fill, storage of materials, drainage facilities, and the location of the foregoing.

VoM FMAC – Minutes - 3/28/2023 - Draft

- 1. Present - Andrew Spatz, David Finch, Steven Glener, Elsa Rubin, Bernie Camarda, Patti Trifiletti, Tony Gelber, Leilani Yizar-Reid**
- 2. Guest - Neil Desai – Update on the VoM Comprehensive Plan**
- 3. Updates**
 - a. Silt Removal**
 - b. USACE Project**
 - c. Mam Dam & Reservoir Study – Possible Discussion by VoM BoT Mon eve – 3/27/23**
 - i. Next Steps**
 - d. SLR Study – Tony G & Bernie C escorted SLR Staff around the Village**
 - i. Project updates & Communication with Residents
 - ii. other
 - e. Other**
- 4. Comprehensive Plan – Updates by Planner Neil Desai**
 - a. Discussion on flood impact items
 - i. Plans/projects for flood mitigation
 1. ACE Project
 2. Mam Dam & Reservoir Study
 3. SLR - Watershed Study in progress – Mam, Sheldrake & Beaver Swamp Brook
 4. Parallel Projects
 5. Innovative Solutions – Modern 21st Century Infra; temp pumps
 6. Green Infra
 7. Other
 - ii. Stormwater Regulations:
 1. Existing
 2. with different levels of flood mitigation
 3. Overall stronger SW regs for floodplain areas
 - iii. Housing Initiatives
 - iv. Other
- 5. I 95 Stormwater Flows – Kate Dehais – CFTE – discussion of stormwaters and the ‘dirt mountain’**
- 6. Other**
 1. US1 Boston Post Rd Bridge
 2. EV station in the Jefferson Ave parking lot- Is the EV station flood-proof?

Previous Business - Updates

- 7. Emergency Preparedness – Tony G spoke with Jim Killoran of The Fuller Center re Sandbag Program for VoM**
 - a. Jim has volunteers who could help us distribute
- 8. Applications Review in the Floodplain – Updates, Pending?**
- 9. Flood Plain Regulations – discussion;**
- 10. Communication & Cooperation with Municipalities in our Watersheds**
- 2. Other**

Appendices

A. Grassy Channel and Permeable Surfaces vs. Closed Tunnel – Columbus Park



Open Diversion Culvert & Porous, Floodplain Parking

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		Floodmarks - Walk	
5		Surface Flows Study in the West Village	
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1. Present - Andrew Spatz, David Finch, Steven Glener,, Bernie Camarda, Patti Trifiletti, Tony Gelber, Leilani Yizar-Reid; Elsa Rubin - excused
2. Updates
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 - e. Comprehensive Plan
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 - i. thank you to Kate, Bernie and Gino and All for their work;
 - ii. Next steps – discussion – Resolution to the VoM BoT?
 - g. US1 Boston Post Rd Bridge
 - h. Other
3. New Business
 - a. The Resident Assistance Initiative – Updates Finch, Yizar-Reid
 - b. Mamaroneck Ave School Construction – Update – Bernie C
 - c. EV Stations at Jefferson Parking Lot -?
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2. Village Residents - Guests
3. Updates
 - a. The Holistic Watershed Plan – ‘Parallel Paths’ for Stormwater Mitigation - Updates
 - i. Silt Removal
 - ii. USACE Project and Next Meeting
 - iii. Mam Dam & Reservoir Study
 1. Next Steps
 - iv. SLR Study – Updates and when will report be public?
 - v. Comprehensive Plan – any updates?
 - vi. I 95 Stormwater Flows – Updates
 1. Conference call with NYTA
 2. Next meeting about 3 weeks
 - vii. US1 Boston Post Rd Bridge
 - viii. Waverly Ave Br
 - ix. The Resident Assistance Initiative – Updates Finch, Yizar-Reid
 - x. Mam Ave School - ?
 - xi. EV Stations at Jefferson Parking Lot
 - xii. Communication & Cooperation with Municipalities in our Watersheds
 - xiii. Other
4. New Business
 - a. Recent Code Changes?
 - b. April, May Floods
 - i. List of areas and depths
 - ii. Actions to take
 1. Thoughts - TG
 - a. Flooding of Sheldrake
 - i. Before the Walkbridge – remove the walkbridge asap
 - ii. near turn at Hoyt Ave
 1. Add sandbags
 2. Review permits for ‘dog run’ alongside the Mason
 - a. appears to be in the floodway and limits flows
 - iii. Other
 - c. Grant Programs – tree inventory and Planting Program – NY DEC
 - d. Other

Previous Business - Updates

5. Flood Plain Regulations – discussion;
 - a. How do we best proceed on this subject?
 - b. Discussion - Member letter on VanRanst
 - c. Simple Actions to take
 - i. E.g. – no variances in the flood plain
 - ii. other
6. Applications Review – Updates & Process
 - a. Process Review – what is it? Are we following it, how can we do better?
 - b. Status of Various Applications
7. Project List – Update on Revision – Patti T
8. Emergency Preparedness – Tony G spoke with Jim Killoran of The Fuller Center re Sandbag Program for VoM
 - a. Jim has volunteers who could help us distribute
 - b. Next Steps
 - c. Actions in conjunction with small flooding April/May 2023 – what can we do?

A. Grassy Channel and Permeable Surfaces vs. Closed Tunnel – Columbus Park



Open Diversion Culvert & Porous, Floodplain Parking

The open culvert has same the carrying capacity as the underground culvert, but grass, unlike cement, allows for permeability of the channel area. Open culvert will be easier and safer to maintain, especially in heavy flood conditions.

Lowering of parking and park area by 3½ ft. (~100,000 sq. ft. per VoM GIS map 4-1-581) and replacement of asphalt with porous pavers and vegetation allows for the holding of an additional 350,000 cubic ft/ 2,6 mm gallons of floodwater which will recharge groundwater, and avoiding neighboring homes.

Lowering and reconfiguration of parking allows for revitalization of riverfront parkland and neighborhood access.

B. The Mamaroneck Holistic Watershed Flood Control Plan - Draft Outline

		The Mamaroneck Holistic Watershed Flood Control Plan - Draft Outline - for Discussion Only - Updated	
TG est		<i>Industry Std Projects Steps - Feasibility Study & Review; Schematic Design & Rev; Design Dev & Rev; Const Doc; Bidding & Award; Construction; 24 months minimum Commissioning</i>	
TG est		<i>Permitting & Funding should be a parallel path - Local Land Use Committees Review & Approvals, DEC & ACE review & permits; Local building permits</i>	
		Projects	Updates for 2/28/28
1		Silt Removal	In Progress?
2		USACE - Project	
		PPA Project Partnership Agreement	in progress
		Tweaks & Proj Design	after PPA signed
3		Mam Dam Study	Draft completed
		develop vision, options, costs	
4		Mam/Sheldrake Beaver Brook - Watershed Study	In Progress
		Floodmarks - Walk	
5		Surface Flows Study in the West Village	
6		Emer Preparedness	TG spoke with Jim Killoran re Sandbags
7		Evaluate Innovative Options	
		Temp pumps at the Confluence	
		Innovative flood barriers	

		Modern Floodgates & Controls	
		Roads as temp bypasses	
		Highway Stormwater Mgmt. - The Mountain	
		other	
8		Mam Reservoir	
		Determine Vision, Options and Costs	
9		Aquifer and Impact on Flooding	
		Determine Vision, Options and Costs	
10		Harbor Heights & Hydraulic & Hydrology Study	VoM FMAC has asked USACE to include in the Village H&H, Hydrology & hydraulic study - TG
		Rd to Nowhere & Glendale Rd	Asked ACE to include
		Development in Harrison	
		Other	
11		Crushed Culvert Under Ralph Ave	?
12		Florence Park Storm & Sanitary Sewer Problems	?
13		Beaver Swam Brook Flooding	to be included in DEC Watershed Study - TG
14		Sound Shore Flooding	
15		Bridge Replacements	
		Waverly Ave.	being completed by the ToM
		Walk Bridges	USACE
		Ward Ave	USACE
		Thompkins	VoM rec'd rebuild Grant
		Short St Br/Culvert	
		other	
16		Better Dry Housing Initiatives	
17		Other	
1		Stormwater Drainage Pipes Study, in Flood Areas	
8		– size, location, condition	
19		I 95 Mountain of Dirt - Options	
20		Enforcement of 'Floatables Law' -Storage Containers, etc.	

Dear Chair and Member of the Flood Mitigation Advisory Committee,

I am writing because your next agenda has an item for "Review permits for "dog run" alongside the Mason a. appears to be in the floodway and limits flows". However, there is NO back up for the discussion item. Appended to this email are my communications from last year to the Building Department, Board of Trustees and NYDEC. I also emailed the FMAC about this violation three separate times.

On April 17 I sent the below response to the Shawn Jiminson at the Building Department after he informed me that "Stuart a stop work order was issued for this project a few weeks ago. It looks the same as when the project was stopped. There is nothing more for us to do until they come in to file for it. Thank you "

"I am writing because I just found this response from you about my complaint about The Mason and have a couple of questions.

- Why does the Village have to wait for The Mason to "file" to take enforcement action?
- Why can't the Village issue an Order to Remedy for the retaining wall?

On January 2, 2023 I also submitted a complaint citing two sections of code that I believe the dog run is in violation of:

- Section 156-4 states "No person shall construct, erect or maintain a dog enclosure or dog run within 30 feet of any building used for residential purposes." Upon information and belief the dog run is withing thirty feet of the building.
- Section 186 -4 (B) (1) states that " It shall be unlawful to undertake any development in an area of special flood hazard, as shown on the Flood Insurance Rate Map enumerated in § **186-3B**, without a valid floodplaindevelopment permit. Application for a permit shall be made on forms furnished by the local administrator and may include, but not be limited to: plans, in duplicate, drawn to scale and showing: the nature, location, dimensions, and elevations of the area in question; existing or proposed structures, fill, storage of materials, drainage facilities, and the location of the foregoing.