

Town of Mamaroneck and Village of Larchmont

LWRP Monitoring Report

June 2016

Community Background:

The Town of Mamaroneck and Village of Larchmont are located on Long Island Sound in Westchester County, New York. The Town (unincorporated area), which includes the Village of Larchmont, covers a total land area of approximately 6 square miles. The total population of the Town of Mamaroneck, including the Villages of Larchmont and Mamaroneck is 29,156 (U.S. Census, 2010). Their coastal area encompasses nine miles of shoreline along Long Island Sound. The Town is bordered to the north by the Village of Scarsdale and to the east by the Town of Harrison and Village of Mamaroneck. Its western border adjoins the City of New Rochelle while its southern border is Long Island Sound. Boston Post Road (U.S. Route 1) is a main transportation corridor within the Town and Village, which provides access to the waterfront area.



Larchmont Manor Park

Public access within the coastal area includes the following parks, preserves and trails: Hommocks Conservation Area, Premium Marsh, the Leatherstocking Trail, Colonial Greenway, Sheldrake River Trails, Larchmont Reservoir, Flint Park, and Larchmont Manor Park. The 5-acre Hommocks Conservation Area is comprised of woodland, salt marsh and meadow habitats. A boardwalk winds

The Town and Village's coastal area contains a balance of residential, recreational and conservation areas. The coastal area supports an abundance of fish and wildlife species featuring one NYS significant coastal fish and wildlife habitats: Premium River-Pine Brook Wetlands Complex. Pine Brook, Sheldrake River and East Creek flow through the coastal area.



Hommocks Conservation Area

through the salt marsh system providing spectacular views of Little Harbor Sound and offers a platform for wildlife observation. The 10-acre Premium Marsh is also comprised of tidal



Premium Marsh

wetlands. The Premium Marsh is part of the 65-acre Premium River-Pine Brook Wetlands Complex, a designated NYS Significant Fish and Wildlife Habitat.

The Leatherstocking Trail is a 2.5 mile linear trail spanning from Pinebrook Boulevard in New Rochelle through the center of the Town of Mamaroneck to Rock Ridge Road in the Village of Mamaroneck. The trail winds through woodland areas with segments along riverine areas. The Leatherstocking Trail

also provides a connection to the Colonial

Greenway, a 15-mile trail that spans five communities including the Town of Mamaroneck, Mamaroneck Village, Scarsdale, Eastchester and New Rochelle. The Sheldrake River trail system transverses a 23-acre woodland parcel which comprises the central portion of a 54-acre tract of natural woodland, owned by the Town of Mamaroneck. The woodland area is maintained as a conservation area for native plants and animals. The trail system weaves around the east branch of the Sheldrake River and provides a connection to the Leatherstocking Trail.

Flint Park, a 27-acre park features nature trails, a boardwalk, a playground, playing fields and tennis courts. East Creek flows through the park. Larchmont Reservoir- James G. Johnson, Jr. Conservancy encompasses 60-acres and features lakeside trails and nature paths. Trails loop around Goodliffe Pond and parts of the Sheldrake River. A portion of the Colonial Greenway (0.71 miles) crosses through the conservancy property.



Larchmont Reservoir

Larchmont Manor Park is privately owned and maintained by Larchmont Manor Park Society. Manor Park is about 12.5 acres in size and spans 5,000 feet along the shoreline of Long Island Sound. The park features paths and gazebos which offer a spectacular view of the Sound.

Collaborations with Department of State:

Since the completion of its Local Waterfront Revitalization Program (LWRP) in 1995, the Town and Village have worked to advance its implementation. The Department of State (DOS) has awarded five Environmental Protection Fund Local Waterfront Revitalization Program (EPF-LWRP) grants to the Town and Village. A grant awarded to Westchester County also included two project sites within the Town of Mamaroneck. (See chart: Grants Awarded - Title 11 Environmental Protection Fund Local Waterfront Revitalization Program, Town of Mamaroneck and Village of Larchmont).

In 2007, the Village of Larchmont created a passive recreational area in Flint Park along its 700 linear foot Little Harbor Sound waterfront in conjunction with a planned expansion of Village playing fields. Work included the removal of dead trees and scrub brush, planting of native vegetation, construction of viewing platforms, and installation of a waterfront trail, interpretive signage, and seating areas.



Flint Park Waterfront Nature Trail

The Town of Mamaroneck worked in collaboration with the County of Westchester (grantee) to conduct non-point source/aquatic habitat restoration projects along the Sheldrake River corridor within their municipality. As part

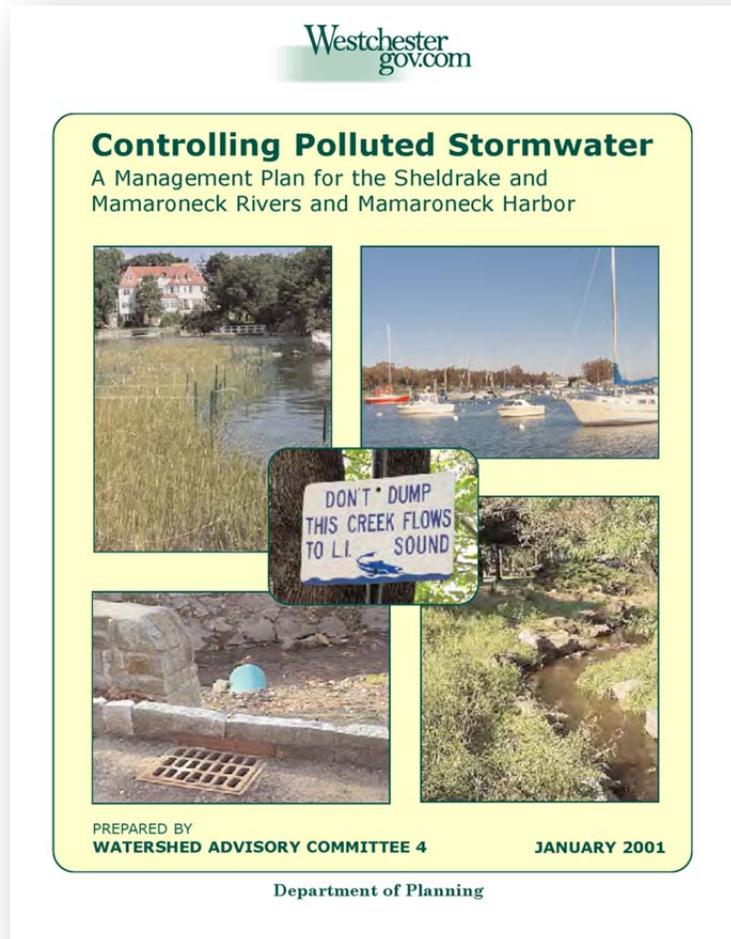


Gardens Lake

of this multi-phase restoration project, Gardens Lake also known as the “duck pond” was restored. The project involved the installation of a sediment trap where the Sheldrake River enters the lake, dredging of sediment to increase the lake’s capacity and the installation of bypass pipes and control valves to allow the Town to drawdown the lake’s level prior to storms. A restoration project was also implemented along the Sheldrake River at Bonnie Briar Country Club. The project involved re-

grading and stabilizing the riverbank and creating a vegetated buffer along both sides of the bank with grasses, sedges, wildflowers and shrubs. Other sites included Dickermans Pond and Carpenters Pond within the City of New Rochelle. The projects which were completed in 2010 resulted in improvements to the water quality and fish and wildlife habitat values of the Sheldrake River. The projects are based on recommendations of an inter-municipal Watershed Advisory Committee charged with the development of a nonpoint source pollution control strategy titled "Controlling Polluted Stormwater: A Management Plan for the Sheldrake and Mamaroneck Rivers and Mamaroneck Harbor", dated January 2001.

The Town of Mamaroneck formed a watershed intermunicipal council for Long Island Sound (also known as LISWIC). LISWIC worked to create cohesiveness and consistency among local laws and plans and to involve Westchester County and state agencies through a series of meetings headed by a professional facilitator. The council prepared an evaluation of storm water conveyance systems for LISWIC communities (Cities of Mouth Vernon, New Rochelle and Rye; Town of Mamaroneck; Towns and Villages of Scarsdale and Harrison; and the Villages of Larchmont, Mamaroneck, Pelham Manor, Port Chester and Rye Brook) in 2001 to determine how the elimination of public and private



Cover of Management Plan for the Sheldrake and Mamaroneck Rivers and Mamaroneck Harbor

inflow and infiltration sources will affect the local drainage systems. With additional grant funding from DOS, the Town in cooperation with the County and other watershed municipalities, prepared an intermunicipal nonpoint source pollution control program for the Mamaroneck and Sheldrake River watersheds. This study provides recommendations on best management practices to employ within the watersheds. Building on these grants, the Town received additional funding to perform code enforcement tasks in each of the 11 watershed

municipalities. Tasks included educating and working with homeowners to correct improper sewer hookups.

In 1998, the Town also completed a streambank stabilization project along the Sheldrake River. The Fiber-Schine system was utilized to stabilize the streambank. The system establishes both short term and long term erosion and sedimentation control, while reestablishing the wetlands vegetation and habitat.

LWRP Monitoring Process:

The goal of the monitoring process is for the Department of State - Office of Planning and Development (OPD) to assess a community's consistency with its LWRP and to understand implementation activities and decision-making procedures related to the LWRP. Additionally, this process provides a forum for the community to highlight successes, and request technical and financial assistance for program implementation.

The Department of State (DOS) began the LWRP monitoring process for the Town of Mamaroneck and Village of Larchmont by sending a letter which described the process and a list of survey questions. DOS held a conference call with the Town and Village to discuss the survey questions in February 2016 and a site visit to tour the waterfront area in April 2016. The tour provided DOS staff with an opportunity to see first-hand existing recreational opportunities and discuss potential projects within their waterfront area. Representatives from the Town and Village that participated in the monitoring process were Nancy Seligson, Supervisor (Town); Elizabeth Paul, Environmental Planner (Town); Justin Datino, Administrator/Clerk (Village); Frank Blasi, Building Inspector (Village); Marc Godick, Chair of Coastal Zone Management Commission (Town/Village); and C. Alan Mason, Co-Chair of Coastal Zone Management Commission (Town/Village).

Office of Planning and Development Findings:

Overview

The Town of Mamaroneck and Village of Larchmont LWRP was prepared in order to guide development within the coastal area in a way that protects and preserves natural resources, and enhances public enjoyment of the waterfront.

The Town and Village are in the process of updating their 21-year old LWRP to serve as a strategic plan for the waterfront. The update will consider and incorporate potential projects and actions within the waterfront area. The Town and Village recognized the need to develop land use regulations and local laws to insure that future development will be compatible with the present land uses and to implement the local program policies. The Town of Mamaroneck amended their Conservation Areas Law (Chapter 77) in 2000, adopted and/or amended their

Wetlands and Watercourses Law (Chapter 114) in 2003, Flood Damage Prevention Law (Chapter 110) in 2007 and Erosion and Sediment Control Law (Chapter 95) in 2013. The Village of Larchmont adopted a Stormwater, Drainage and Water Pollution Control Law (Chapter 335) in 2005 and updated their Flood Damage Prevention Law (Chapter 337) in 2007. The Village also adopted a law on retail checkout bags (Chapter 219) in 2013 to encourage the use of reusable bags and ban the use of plastic bags for checkout at retail establishments in an effort to improve the environment in the Village.

LWRP Implementation

Since its adoption in 1995, the Town and Village have implemented several projects and actions outlined in the LWRP. They have made great strides in increasing the public's enjoyment and access to Long Island Sound.

- Protected open space within the coastal area- Sether Woods (wooded parcel located on Durham Road) was donated and dedicated as a conservation area. A conservation easement was granted for the property behind Rocky Hollow Drive.
- Implemented stormwater management program(s) to improve stormwater quality within the coastal area. The program(s) are in conformance with Phase 2 of the Environmental Protection Agency's National Pollutant Discharge Elimination System (NPDES) stormwater program.

The Town of Mamaroneck received funding from the Long Island Sound Futures Fund to retrofit catch basins that directly drain to open water



Storm Drain Marker & Stenciling

tributaries of Long Island Sound. The funding allowed the Town to retrofit 69 catch basins with debris screens and filters in the fall 2011/winter 2012. The Town Engineering and Highway staff continues to inspect and maintain the catch basins as part of their program, which include a minimum of 500 catch basins annually. The Town also received a Long Island Sound Futures Fund grant in 2015 to retrofit the Town Center parking lot to incorporate green infrastructure including rain gardens, permeable pavement, catch basin filters, rainwater harvesting and a biofilter. A sewer system evaluation study will be conducted in 2016 to identify any possible sources of infiltration into the sanitary sewer system. Additionally, the Town and Village conduct education and outreach to residents to inform them about the impacts of stormwater pollution and how they can prevent it. Residents are educated on the proper disposal of solid

waste, hazardous materials, pet waste, the elimination of illegal discharges and proper lawn care. The Village also inspects and maintains 430 catch basins annually as part of their stormwater management program.

- Conducted watershed management planning efforts- participated on watershed advisory committees which developed the management plan for the watersheds of Stephenson Brook, Burling Brook, Pine Brook and Larchmont Harbor (June 1997) and the management plan for the Sheldrake and Mamaroneck Rivers and Mamaroneck Harbor (January 2001). Both plans provide recommendations for controlling non-point source pollution in their respective watershed planning areas.

LWRP Document Accessibility

The Town and Village's LWRP are available at the Town and Village Halls, local libraries and their municipal websites. An electronic copy is also available at the following links:

http://www.townofmamaroneck.org/sites/mamaroneckny/files/file/file/local_waterfront_revitalization_plan_lwrp.pdf

http://docs.dos.ny.gov/communitieswaterfronts/LWRP/Mamaroneck_T,%20Larchmont_V/Index.html

Local Consistency Review

The Town of Mamaroneck Waterfront Revitalization Law (Chapter 234) and the Village of Larchmont Waterfront Revitalization Law (Chapter 375) were adopted in 1986 to provide for the protection and beneficial use of the natural and man-made resources within their waterfront area by ensuring that actions classified as Type I or unlisted under Part 617 of Title 6 of NYCRR to be undertaken, approved or funded by town agencies will be undertaken in a manner consistent with the policies and purposes of the Town of Mamaroneck and Village of Larchmont LWRP.

Per both the Town and Village Waterfront Revitalization Laws, for actions to be directly undertaken by the Town and Village, the agency shall refer the proposed action to the Coastal Zone Management Commission for an advisory opinion. Additionally, the application or plan for the proposed direct action shall be referred to the Commission. The application shall be accompanied by a full environmental assessment form (EAF) and a coastal assessment form (CAF).

The Coastal Zone Management Commission shall render an opinion, in writing, to the referring agency, within 30 days from such referral. The Commission shall determine if the proposed action is inconsistent with one or more policies of the LWRP, or whether the proposed actions will advance one or more of said policies. The Commission may also, in its discretion, suggest

ways in which the purposes of the proposed action might be accomplished in a manner that would result in less hindrance or no hindrance to the policies and purposes of the LWRP and or in greater advancement of them.

Below is a list of the Environmental Protection Fund grants received by the Town, Village and Westchester County since 1996. EPF LWRP grants are 50/50 matching grants that the DOS makes accessible to the waterfront communities for LWRP preparation and implementation.

Grants Awarded			
Title 11 Environmental Protection Fund Local Waterfront Revitalization Program (EPF LWRP)			
Town of Mamaroneck and Village of Larchmont			
Year	Amount of Grant	Project Description	Status
2004	\$150,000	Construction of Flint Park Recreational Area- The Village of Larchmont created a passive recreational area in Flint Park along its 700 linear foot Little Harbor Sound waterfront in conjunction with a planned expansion of Village playing fields. Work included the removal of dead trees and scrub brush, planting of native vegetation, construction of viewing platforms, and installation of a waterfront trail, interpretive signage, and seating areas.	Closed
2001	1,031,500	Sheldrake River and Lake Habitat Improvement Project- The County of Westchester conducted non-point source/aquatic habitat restoration projects along the Sheldrake River corridor within the City of New Rochelle and Town of Mamaroneck. All work undertaken through this project resulted in improvements to the water quality and fish and wildlife habitat values of the Sheldrake River. This project is based on recommendations of the inter-municipal Watershed Advisory Committee Four (the committee charged with developing a nonpoint source pollution control strategy for the watersheds of the Mamaroneck and Sheldrake rivers and Mamaroneck Harbor) plan titled "Controlling Polluted Stormwater: A Management Plan for the Sheldrake and Mamaroneck Rivers and Mamaroneck Harbor", dated January 2001. All projects lie along the 8.6-mile Priority Waterbody List segment (#1702-0069) of the Sheldrake River.	Closed
1999	\$50,000	Watershed Intermunicipal Council Inflow Enforcement Project- The Long Island Sound Watershed Intermunicipal Council Inflow Enforcement project is Phase 2 which will continue and build upon the stormwater work completed in Phase 1 (EPF 1998). Code enforcement tasks were performed in each of the 11 municipalities; tasks included educating and working with homeowners to correct improper sewer hookups.	Closed
1998	\$50,000	Long Island Sound Watershed Intermunicipal Council- The project	Closed

Grants Awarded			
Title 11 Environmental Protection Fund Local Waterfront Revitalization Program (EPF LWRP)			
Town of Mamaroneck and Village of Larchmont			
Year	Amount of Grant	Project Description	Status
		involved the formation of the Long Island Sound Watershed Intermunicipal Council, initially as a committee of the Westchester Municipal Officials Association. The council worked to create cohesiveness and consistency among local laws and plans and to involve Westchester County and state agencies through a series of meetings headed by a professional facilitator. The council prepared an engineering feasibility study to find innovative responses to the management of stormwater runoff and nonpoint source pollution.	
1997	\$45,000	Intermunicipal NPS Control Program for Mamaroneck & Sheldrake River Watersheds- The town, in cooperation with the County and other watershed municipalities, prepared an intermunicipal nonpoint source pollution control program for the Mamaroneck and Sheldrake River watersheds. The study recommends best management practices to address identified problems.	Closed
1996	\$30,000	Sheldrake Streambank Stabilization- This grant was awarded to establish vegetative plantings in an active flood corridor by using the Fiber-Schine system. This system establishes both short term and long term erosion and sedimentation control, while reestablishing of wetlands vegetation and habitat.	Closed