UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

DEC 6 2007

To All Interested Government Agencies and Public Groups:

In accordance with the U.S. Environmental Protection Agency's (EPA) procedures for the preparation of environmental impact statements (EIS), an environmental review has been performed on the proposed agency action below:

Project Name:	Mill Pond Park Improvements
Project Number:	XP-98285901
Purpose of Project:	The project will restore a degraded tidal pond's overall environmental quality, functionality, and recreational value.
Project Originator:	Town of North Hempstead, New York
Project Location:	Village of Port Washington North Nassau County, New York
Project Description:	The proposed project consists of removing pond sediments, regrading the pond bottom, installing stormwater controls, constructing spillway improvements, planting tidal marshes, restoring walkways and parking areas, and installing educational signage.
Estimated Eligible Project Costs:	$1,182,727
EPA Grant:	$ 650,500

Our environmental review of this project indicates that no significant adverse environmental impacts will result from the proposed action. Consequently, we have made a decision not to prepare an EIS on the project. This decision is based on a careful review of the project's environmental information document, a site visit, and other supporting information. All of these documents, along with the Environmental Assessment (copy enclosed), are on file at the offices of the EPA Region 2 and of the Town of North Hempstead, where they are available for public scrutiny upon request. The EA is also available on EPA Region 2's website at http://www.epa.gov/region02/spmm/r2nepa.htm.

Comments supporting or disagreeing with this decision may be submitted to EPA for consideration. All comments must be received within **30** calendar days of the date of this finding of no significant impact (FNSI). Please address your comments to: Grace Musurneci, Chief, Environmental Review Section, at the above address. No administrative action will be taken on the project for at least **30** calendar days after the date of this FNSI.

Sincerely,

Alan J. Stein erg
Regional Administrator

Enclosure

Environmental Assessment

I. *Project Identification*

Name of Project:	Mill Pond Park Improvements
EPA Project Number:	XP-98285901
Grant Applicant:	Town of North Hempstead 220 Plandome Road New Hyde Park, New York 11030
Project Location:	Village of Port Washington North Nassau County, New York

II. *Background*

Mill Pond is located in the Village of Port Washington North, Nassau County, New York, adjacent to Manhasset Bay. (Figures 1 to 3) The pond was originally part of Manhasset Bay until a dam was constructed across the pond mouth. It is currently a six-acre tidally influenced body of water which is connected to Manhasset Bay by a narrow spillway. Stormwater runoff from a watershed that is approximately 750 acres in size flows into the pond and, ultimately, to Manhasset Bay. (Figure 4)

The pond and its surrounding park are used for a number of passive and active recreational activities, including model boating, walking, jogging, nature appreciation, and a variety of other activities. Ice skating and hockey are permitted when the pond freezes.

III. *Purpose and Need for the Project*

The purpose of this project is to improve Mill Pond's ability to provide wildlife habitat and support recreational activities. To date, stormwater-borne nutrients, pathogens and sediment have had a detrimental impact on the pond's overall environmental quality, functionality, and recreational value.

The New York State Department of Environmental Conservation (NYSDEC) classifies the pond as water quality "Class SC." As such, its water quality should be suitable for fishing, fish propagation and survival, and primary and secondary contact recreation.

Due to the amount of sediment which has settled in the pond over the years, however, most of the water body is now extremely shallow, adversely affecting its usability. In addition, the elevation of the spillway is too high for tidal flushing to occur, except during extreme high tide conditions. Without adequate tidal flushing, elevated water temperatures and nutrient levels exacerbate the water quality problems. Further, an

overabundance of waterfowl has added to the high nutrient and bacterial loading on the pond, resulting in algal blooms in the summer months.

The area around the pond has been compacted and denuded of vegetation as a result of waterfowl grazing and cars parking along the pond perimeter, and there is virtually no tidal marsh vegetation in the pond to discourage waterfowl entry, absorb nutrients or provide aquatic habitat. (Figure 5)

IV. Description of the Proposed Project

The proposed project involves a combination of pond dredging, stormwater management measures, and vegetation restoration. (Figure ***6)***

Specifically, the proposed project consists of the following:

- Dewatering the pond,
- Regrading the pond bottom to increase water depths,
- Testing and removing some pond sediments (preliminary testing indicates that contaminant levels require that these sediments be transported to a NYSDEC-permitted lined landfill for disposal),
- Installing a new spillway and weir at a lower elevation to permit tidal flushing,
- Creating stormwater sediment traps and a stormwater treatment system,
- Planting tidal marshes and upland areas to absorb nutrients and stabilize the pond banks,
- Replacing the concrete pond perimeter walls and stairways, and
- Installing new walkways, seating, pervious paving in parking areas, and educational signage.

V. Alternatives

Alternative 1 -The Preferred Action - This is the alternative discussed in the above description of the selected plan. It will have a positive impact on the pond, the park, and the surrounding area by removing sediment from stormwater before it reaches the pond, creating planted wetlands, increasing salinity through spillway modification, and moderating water temperature and oxygen levels. At a total estimated cost of approximately $1.2 million, it represents the most economical, environmentally sound and implementable means available to achieve the project's goals.

Alternative 2 - Dredging and Removal of All Accumulated Sediments - Dredging and removing all accumulated sediments would be difficult and prohibitively expensive. Approximately 25,530 cubic yards of sediment would require disposal. Excavating, trucking, and disposal of the material in a NYSDEC-permitted lined landfill is estimated to cost over $100 per cubic yard, which would result in a total dredging and disposal cost of over $2.5 million. Due to this alternative's significantly higher cost, implementing it would be likely to result in less funding available for wetland creation and other improvements. Consequently, this alternative was rejected.

Alternative 3 - No Action - If no action is taken, the present situation will continue to worsen. Sediment will continue to accumulate in the pond and water depths will continue to decrease, leading to a situation where the pond consists mostly of mudflats that are unsuitable for the pond's future recreational and scenic utility. Consequently, no action was rejected.

VI. ***Environmental Consequences***

A. Surface and Groundwater Impacts

The project will result in improved water quality in Mill Pond as well as the quality of water that flows to Manhasset Bay. There will be no impacts to groundwater resources.

B. Air Quality Impacts

Nassau County, New York, is part of the New York-Northern New Jersey-Long Island Connecticut (NY-NJ-CT) moderate 8-hour ozone nonattainment area, particulate matter smaller than 2.5 microns (PM2.5) nonattainment area, and carbon monoxide (CO) maintenance area. Because the project is funded with a federal grant, it is subject to the general conformity air regulations (40 CFR 93 Subpart B). Accordingly, EPA conducted an analysis of pollutant emissions from construction of the project. Emission estimates were based on emission factors taken from a number of sources and on projections of vehicle/equipment types and activity levels supplied by the project sponsor.

EPA's general conformity analysis (Table 1, below) indicates that emissions of nitrous oxide (NO_X), volatile organic compounds (VOC), CO, PM2.5, and sulphur dioxide (SO_2) from construction of the project are significantly less than the applicable general conformity "deminimis" threshold values. Therefore, the project is presumed to conform to the State Implementation Plan.

TABLE 1

CONSTRUCTION EMISSIONS SUMMARY FOR GENERAL CONFORMITY					
Pollutant:	NOX	VOC	CO	PM2.5	SO2
OFF-ROAD CONSTRUCTION EMISSIONS (tons/year)	1.749	0.159	0.611	0.135	0.054
ON-ROAD CONSTRUCTION EMISSIONS (tons/year)	0.517	0.049	0.854	0.013	0.002
TOTAL CONSTRUCTION EMISSIONS (tons/year)	2.266	0.208	1.465	0.148	0.056
GENERAL CONFORMITY DEMINIMIS THRESHOLD (tons/year)	100	50	100	100	100
PERCENTAGE OF THRESHOLD	2.27%	0.42%	1.47%	0.15%	0.06%

Short-term construction-related impacts to air quality in the project area include fugitive dust emissions and emissions from construction equipment. Mitigation techniques include but are not limited to:

- wetting or chemically treating exposed earth during construction,
- limiting construction activities during extremely windy and/or dry conditions,
- covering dust-producing material being transported to and from project,
- keeping trucks and other construction equipment clean and properly maintained during construction, and
- implementing a traffic management plan to minimize delays and routing traffic away from residential areas and other sensitive receptors.

C. Vegetation and Wildlife

There will be short-term impacts on the ability of fish and waterfowl to use the area. These impacts will be minor because there is a sufficient amount of equal or better habitat in the vicinity. Furthermore, the short-term impacts are expected to be more than offset by the long-term water quality improvement and aesthetic benefits to be derived from implementing the project.

D. Endangered/Threatened Species

The U.S. Fish and Wildlife Service was consulted about the project and has indicated that no federally-designated threatened or endangered species or their habitat will be affected by the project.

E. Noise

There will be short-term term noise impacts from the construction equipment needed to implement the project. However, this equipment will be required to be equipped with proper mufflers, and the project will adhere to all municipal work schedule restrictions during the construction phase to minimize noise-related impacts to the surrounding community. The proposed project will not increase post-construction noise levels in the area.

F. Odors

Some odors will inevitably occur during sediment removal and regrading of the bottom of the pond. However, these odors will be temporary and short-term, and will disappear once the pond is refilled.

G. Visual Impacts - The project will have positive long-term visual impacts on the pond, the park, and the surrounding area.

H. Traffic

It is not anticipated that the project will have an adverse effect on traffic flows in the area.

I. Cultural Resources

The New York State Historic Preservation Officer has reviewed the project and has determined that its implementation will not affect any significant cultural resources.

J. Cumulative Impacts

Due to the localized nature of the project, other construction activities are not anticipated. Consequently, no cumulative or secondary impacts are expected to result from its implementation.

VII. Environmental Justice

Demographic Analysis – EPA's demographic analysis utilizes a Geographic Information System (GIS) to estimate the percent minority and percent poverty for the community of concern and compares them to appropriate statistical references. Analysis of the project area indicates that minorities compose less than 22 percent of the population of the local community (compared to 51.51%, the percentage that EPA uses to determine minority areas in urban areas of New York State), and that less than six percent of the population has income that is below the poverty level (compared to 23.59 percent, the percentage that EPA uses to identify low income urban areas in New York State). Accordingly, the area does not meet the EPA criteria for being classified an Environmental Justice area.

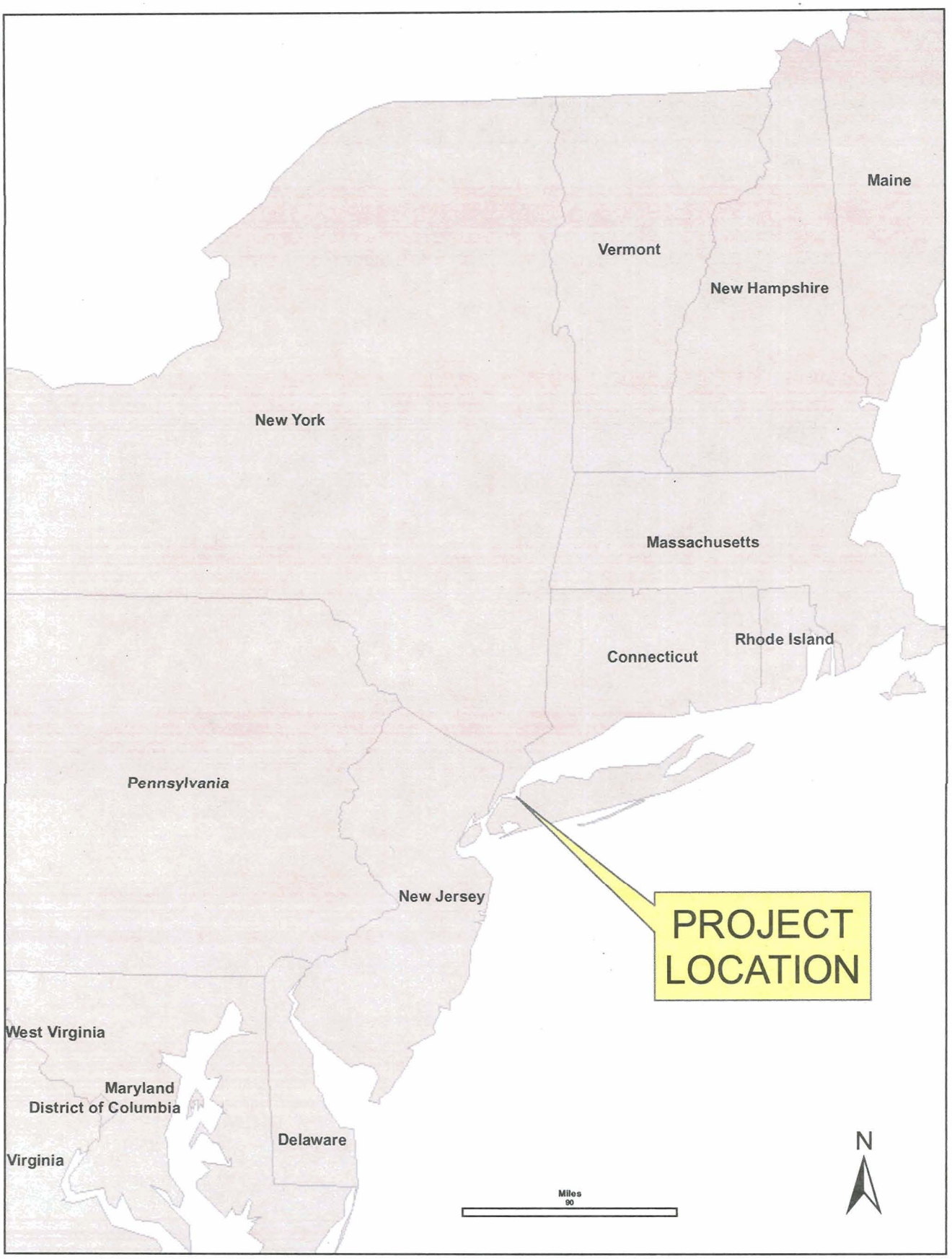
Environmental Burden – The community's existing environmental burden was similarly estimated by EPA through the use of GIS analysis. EPA uses GIS analysis and the concept of an Environmental Load Profile to compare communities' present environmental load to statewide-derived thresholds. To accomplish this, EPA uses the following three indicators: Toxic Release Inventory, Facility Density, and Air Toxics. Two of the indicators for the community exceed their corresponding New York State Threshold values, **as** follows:

- The Toxic Release Inventory indicator value is 6.47, which is only slightly greater than the New York State Threshold value of 5.67, and
- The Facility Density indicator, with a score of 184, exceeds its corresponding New York State Threshold value of 56.

In summary, however, the area is not classified as an Environmental Justice area and the proposed project will correct an existing instance of environmental degradation, which will result in a lessening of the community's environmental load. Accordingly, no further environmental justice review is warranted.

VIII. Reference Documents

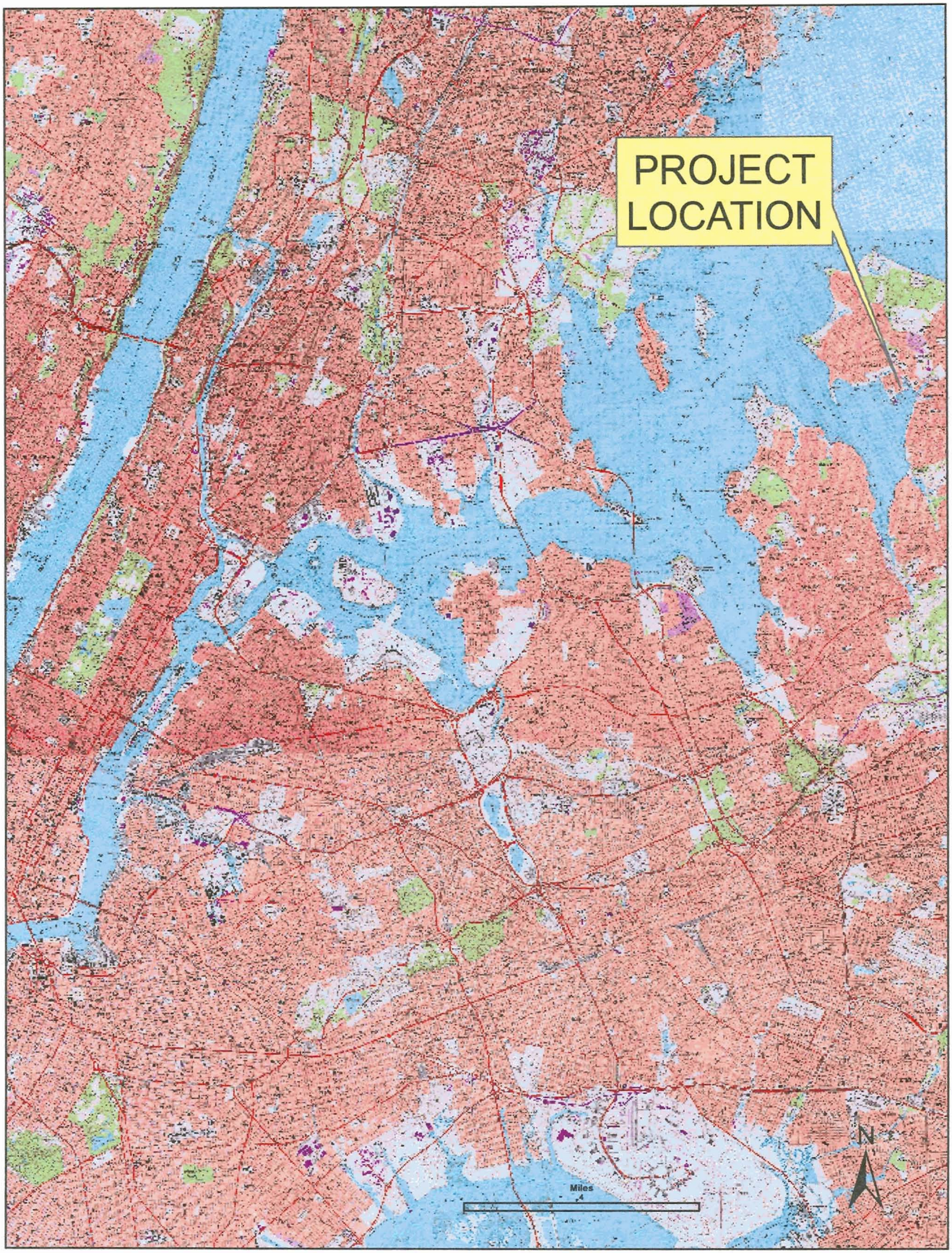
- *Site Reconnaissance Report* prepared for North Hempstead for Mill Pond Park and Its Watershed, Cameron Engineering and Associates, LLP, January 2003
- *"No Impact" letter* from New York State Office of Parks, Recreation and Historic Preservation, Ruth Pierpont, Director, November 10,2006
- *Full Environmental Assessment and Negative Declaration,* State Environmental Quality Review, Town of Hempstead, November 28,2006
- *Environmental Information Document for the Mill Pond Water Quality Improvement Project,* Town of Hempstead, December 15,2006



EPA US EPA Region 2
Map Crested 10/22/2007

MILL POND PARK IMPROVEMENTS
VILLAGE OF PORT WASHINGTON NORTH
NORTH HEMPSTEAD
LONG ISLAND, NEW YORK

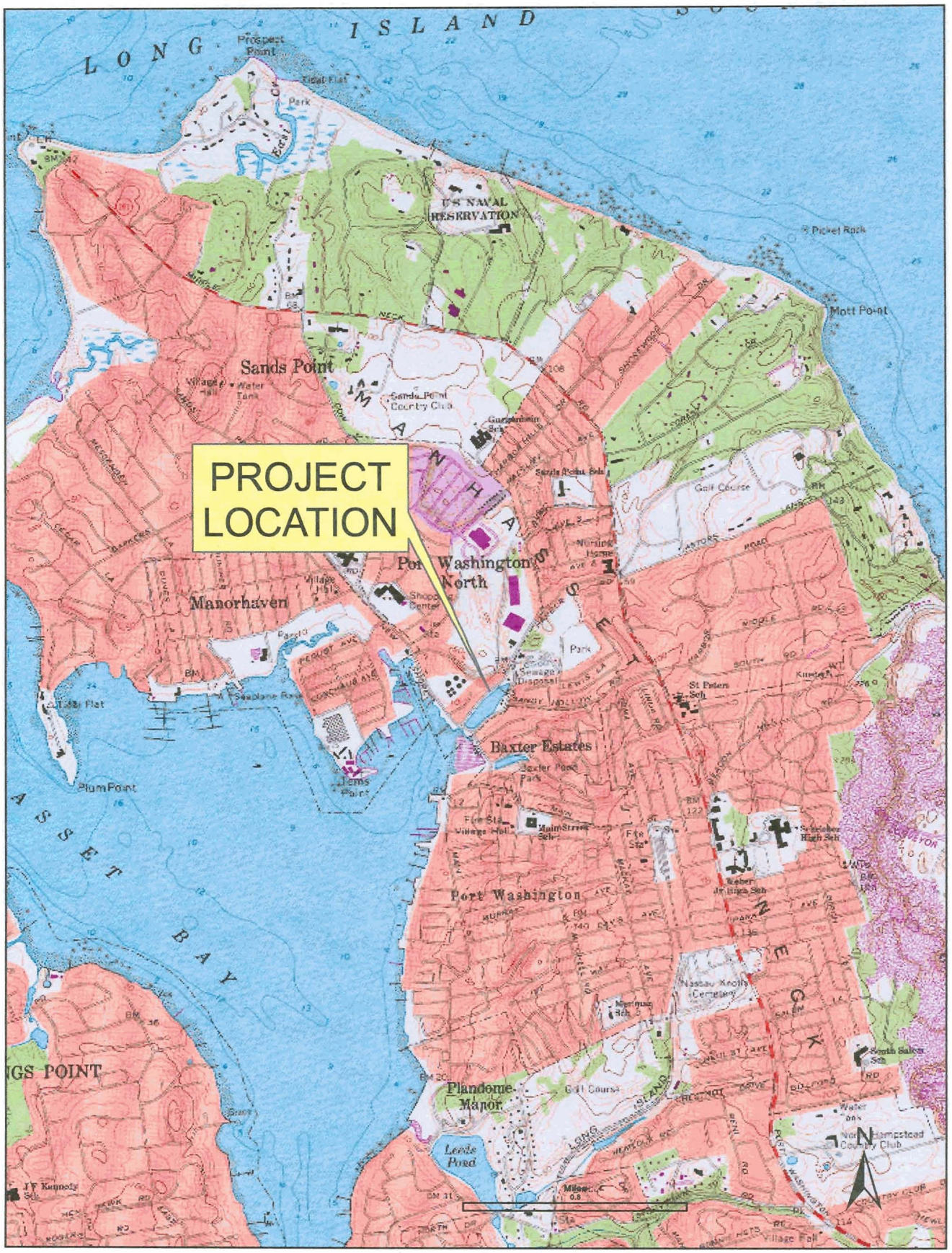
Figure 1



EPA US EPA Region 2
Map Created 10/22/2007

MILL POND PARK IMPROVEMENTS
VILLAGE OF PORT WASHINGTON NORTH
NORTH HEMPSTEAD
LONG ISLAND, NEW YORK

Figure 2



EPA US EPA Region 2
Map Created 10/22/2007

MILL POND PARK IMPROVEMENTS
VILLAGE OF PORT WASHINGTON NORTH
NORTH HEMPSTEAD
LONG ISLAND, NEW YORK

Figure 3

EPA US EPA Region 2
Map Created 10/22/2007

MILL POND PARK IMPROVEMENTS
VILLAGE OF PORT WASHINGTON NORTH
NORTH HEMPSTEAD
LONG ISLAND, NEW YORK

Figure 4

EXISTING SITE CONDITIONS

SCALE: 1" = 50'-0"

GENERAL PROJECT NOTES

1. SURVEY INFORMATION OBTAINED FROM TOPOGRAPHIC SURVEY PERFORMED BY JERRY P. LAKE, INC. ON OCTOBER 8, 2002. DATUM FOR ELEVATIONS SHOWN REFERENCE TO NASSAU COUNTY DATUM (NAVD). PROPERTY LINES SHOWN WERE OBTAINED FROM AVAILABLE INFORMATION AS SHOWN ON THE NASSAU COUNTY TAX MAPS AND IS APPROXIMATE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFORMING TO THE REQUIREMENTS OF THE NYSDEC AND OBTAINING ANY AND ALL PERMITS NECESSARY TO COMPLETE THE WORK.
3. REMOVAL AND RELOCATION OF CERTAIN EXISTING WORK SHALL BE NECESSARY FOR THE PERFORMANCE OF GENERAL WORK. ALL EXISTING CONDITIONS ARE NOT COMPLETELY DETAILED ON THE DRAWINGS. THE CONTRACTOR SHALL SURVEY THE SITE AND MAKE ALL NECESSARY MODIFICATIONS REQUIRED BASED ON EXISTING CONDITIONS, FOR DEMOLITION OF EXISTING WORK AND INCLUDE ALL MATERIALS AND LABOR IN HIS BID PRICE. NO ALLOWANCE SHALL BE MADE FOR FAILURE TO DO SO.
4. BEFORE SUBMITTING HIS BID, THE CONTRACTOR SHALL VISIT THE PREMISES OF HIS PROPOSED WORK AND SHALL CAREFULLY EXAMINE THE ENGINEERING DRAWINGS, EXISTING CONDITIONS AND LIMITATIONS THEREOF. VERIFICATION SHALL BE MADE AS TO THE ACTUAL LOCATIONS WHERE NEW EQUIPMENT AND STRUCTURES WILL BE ROUTED, COORDINATING WITH NEW AND EXISTING WORK. THE CONTRACTOR SHALL INCLUDE ALL COSTS OF ANY KIND WHATSOEVER WHICH ARE INCURRED THROUGH LIMITATIONS OF THE EXISTING AND NEW CONDITIONS. LATER CLAIMS FOR EXTRA LABOR, EQUIPMENT AND MATERIALS REQUIRED DUE TO DIFFICULTIES WHICH COULD HAVE BEEN FORESEEN WILL NOT BE CONSIDERED AS EXTRA WORK.
5. THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE UTILITY LOCATIONS MARKED OUT (INCLUDING BUILDING SERVICES) BY THE OWNING UTILITY COMPANY PRIOR TO COMMENCEMENT OF WORK IN THE AREA. THE CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE AND THE OWNING UTILITY COMPANY OF ALL UTILITY CONFLICTS WITH THE PROPOSED WORK AS SOON AS SUCH CONFLICTS ARE KNOWN AND NOT LESS THAN 72 HOURS IN ADVANCE OF ANY WORK AS REQUIRED BY NYS INDUSTRIAL CODE 53.
6. THE CONTRACT DRAWINGS SHOW THE GENERAL ARRANGEMENT OF EXISTING CONDITIONS AND PROPOSED IMPROVEMENTS, AND INDICATE THE REQUIRED SIZE AND POINTS OF TERMINATION OF STRUCTURES AND SUGGEST PROPER INSTALLATION OF SAME. HOWEVER, IT IS NOT THE INTENTION OF THE DRAWINGS TO SHOW ALL NECESSARY OFFSETS, OBSTRUCTIONS, APPURTENANCES REQUIRED OR STRUCTURAL CONDITIONS.
7. ALL WORK SHALL BE EXECUTED ACCORDING TO THE CONTRACT DOCUMENTS, INCLUDING THE DRAWINGS, SPECIFICATIONS AND ADDENDA, AS PROVIDED IN THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION.
8. CONTRACTOR SHALL ESTABLISH EROSION CONTROL MEASURES AS NECESSARY AND IN ACCORDANCE WITH "NYS GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL."
9. ALL WORK SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL CODES, AND ALL REGULATORY AGENCIES.
10. ALL WORK, WHETHER SHOWN OR INFERRED, UNLESS SPECIFICALLY QUESTIONED, SHALL BE CONSIDERED FULLY UNDERSTOOD IN ALL RESPECTS BY THE CONTRACTOR, AND THE CONTRACTOR SHALL THEREBY BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONSEQUENCES THEREOF FOR ALL WORK ON ALL DRAWINGS.
11. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED, IN WRITING, OF ANY DISCREPANCIES OR OMISSIONS WHICH COULD INTERFERE WITH THE SATISFACTORY COMPLETION OF THE WORK, PRIOR TO THE START OF ANY AND ALL WORK.
12. [illegible]
13. [illegible]
14. [illegible]
15. [illegible]
16. [illegible]
17. [illegible]
18. [illegible]
19. [illegible]
20. [illegible]
21. [illegible]
22. [illegible]
23. [illegible]
24. THE CONTRACTOR SHALL MAKE REPAIRS USING THE SAME MATERIALS, AT THE CONTRACTOR'S COST.
25. THE CONTRACTOR SHALL INCUR ALL COSTS AND BURDENS ASSOCIATED WITH LOST, STOLEN OR DAMAGED EQUIPMENT AND MATERIALS.
26. ANY TRENCH, PIT OR OTHER EXCAVATION THAT IS OPEN AND UNATTENDED SHALL BE PROTECTED WITH FENCE, BARRICADES OR OTHER METHODS APPROVED BY THE OWNER'S REPRESENTATIVE.
27. ALL BACKFILLING SHALL BE PLACED IN 8" MAXIMUM LIFTS. EACH LAYER SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D1557, MODIFIED PROCTOR.
28. DEWATERING SHALL BE PROVIDED AS REQUIRED SO THAT EXCAVATION, CONCRETE WORK AND BACKFILLING ARE PERFORMED IN THE DRY.
29. TEMPORARY BRACING, SHEETING AND SHORING, ETC. SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE DESIGNED, FABRICATED AND INSTALLED IN ACCORDANCE WITH ACCEPTED DRAWINGS PREPARED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK, AND SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR REVIEW.
30. ALL CONCRETE ITEMS SHALL BE CLASS "A" HAVING 3/4" NOMINAL BROKEN BLUESTONE AGGREGATE AND UTILIZE AIR-ENTRAINED CONCRETE IN ACCORDANCE WITH SPECIFICATION SECTION 03300.
31. THE CONTRACTOR SHALL STRICTLY ADHERE TO THE CURRENT PROVISIONS SET FORTH AND CONTAINED WITHIN THE A.C.I. RECOMMENDATIONS FOR "HOT WEATHER CONCRETING" (A.C.I. 305R) AND "COLD WEATHER CONCRETING" (A.C.I. 306R).
32. DAILY, DURING DEMOLITION AND DURING THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL REMOVE ALL RUBBISH AND EXCESS MATERIAL ACCUMULATED AS A RESULT OF HIS OPERATIONS AND/OR THE OPERATIONS OF HIS SUB-CONTRACTORS. THE CONTRACTOR IS RESPONSIBLE FOR FINAL AND THOROUGH CLEANING OF ALL SURFACES, FINISHES AND EQUIPMENT BEFORE FINAL ACCEPTANCE BY THE OWNER.

LEGEND

- APPROXIMATE AREAS/ITEMS TO BE REMOVED
- SEDIMENT SAMPLING LOCATION
- SOIL SAMPLING LOCATION
- EXISTING SURFACE CONTOUR
- EXISTING TOP OF MUCK CONTOUR

ALIGNMENT BASELINE TABLE

STATION No.	NORTHING	EASTING
0+00	243829.4715	1067098.2356
0+50	243865.4665	1067131.8717
1+00	243902.4615	1067165.5078
1+50	243939.4564	1067198.1434
2+00	243976.4514	1067232.7793
2+50	244013.4464	1067266.4159
3+00	244050.4414	1067300.0510
3+50	244087.4363	1067333.6869
4+00	244124.4313	1067367.3226
4+50	244161.4263	1067400.9587
5+00	244198.4212	1067434.5946
5+50	244235.4162	1067468.2304
6+00	244272.4112	1067501.8663
6+50	244309.4061	1067535.5022
7+00	244346.4011	1067569.1381
7+50	244383.3961	1067602.7740
8+00	244420.3910	1067636.4098
8+50	244457.3860	1067670.0457
9+00	244494.3810	1067703.6816
9+50	244531.3759	1067737.3178
10+00	244568.3709	1067770.9533
10+50	244605.3659	1067804.5892
11+00	244642.3608	1067838.2251
11+50	244679.3558	1067871.8610
12+00	244716.3508	1067905.4969
12+50	244753.3457	1067939.1327
13+00	244803.3055	1067942.5515
13+50	244851.0572	1067946.5802
14+00	244902.8260	1067950.3200
14+50	244952.7087	1067954.0491
15+00	245002.6495	1067957.7782

REV	DATE	REMARKS	BY

REVISIONS

PREPARED BY:

CAMERON ENGINEERING & ASSOCIATES, LLP
Three Aerial Way, Suite 100
Syosset, New York 11791-5588

TOWN OF NORTH HEMPSTEAD

DEPARTMENT OF PUBLIC WORKS

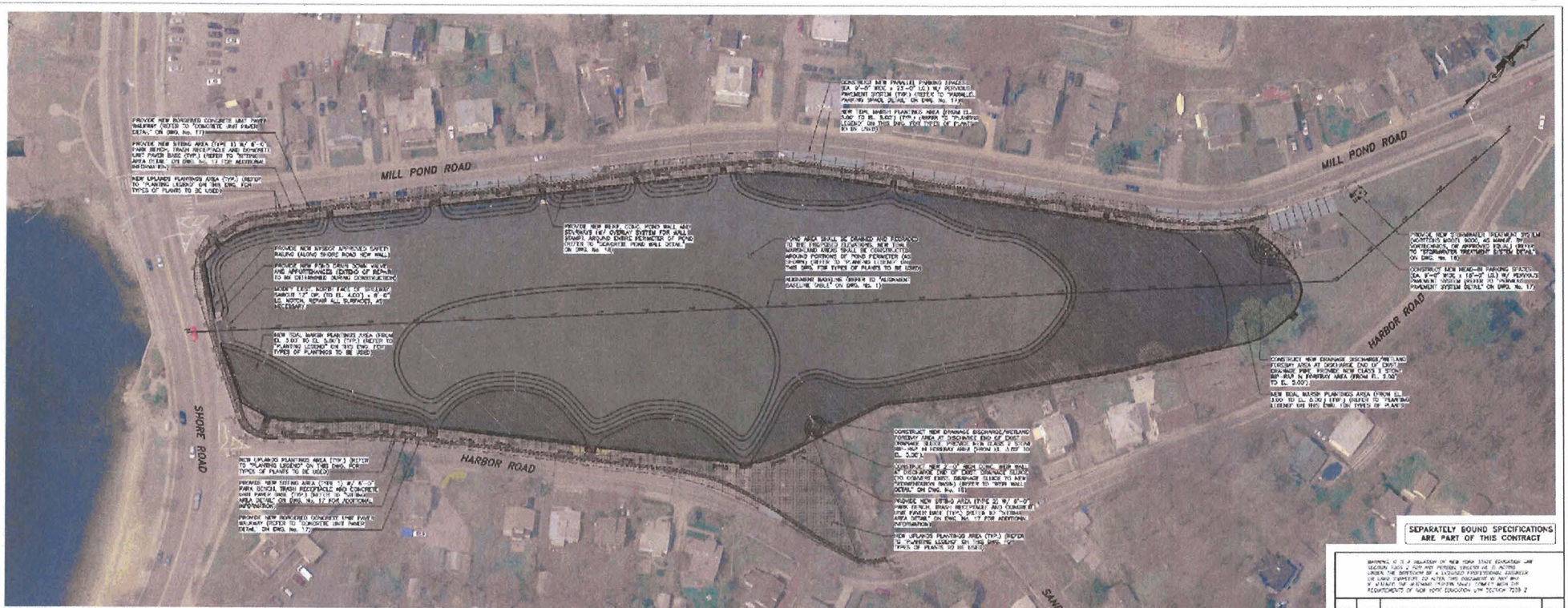
PERMIT APPLICATION FOR WATER QUALITY IMPROVEMENTS AT MILL POND PARK AND ITS WATERSHED

PORT WASHINGTON NORTH
NASSAU COUNTY, NEW YORK

EXISTING SITE CONDITIONS AND REMOVALS PLAN, GENERAL PROJECT NOTES AND LEGEND

DATE	DRAWN BY	DRAWING NO.
NOV. 2005	SO	1
SCALE: AS NOTED	CHECKED BY: DW; IN CHARGE OF: JRA	CEA PROJECT NO.: 02-02

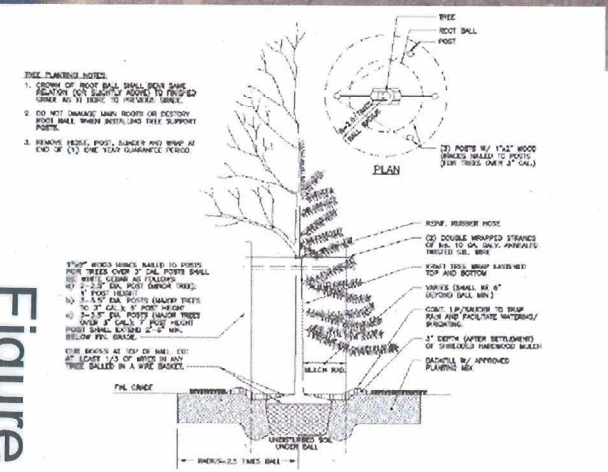
Figure 5



PROPOSED SITE IMPROVEMENTS PLAN

SCALE: 1" = 50'-0"

SEPARATELY BOUND SPECIFICATIONS ARE PART OF THIS CONTRACT



TREE PLANTING DETAIL

SCALE: NTS

PLANTING LEGEND

UPLAND PLANTINGS					
Common Name	Species Name	Spacing (feet)	Elevation	Form	Size (")
[illegible]					

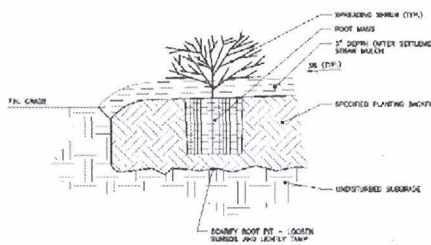
TIDAL MARSH PLANTINGS					
Common Name					
[illegible]					

KEY

FP = FOAM PLUG

G = GRASS

(#) = CONTAINER SIZE (SEE SCHEDULE HEIGHT)



NOTES:

1. CROWN OF ROOT MASS TO BE SLIGHTLY ABOVE FINISHED GRADE.
2. FOR BARE ROOT SHRUBS (BR) SPRINKLES AND FOLIAGE (ALL END TYPE) ON 1/3 REMAINING NORMAL PLANT SHRUB (BARE ROOT PLANTS ONLY).
3. FOR CONTAINER SHRUBS: REMOVE POT, CHECK ROOT SYSTEM. IF THERE ARE ANY SIGNS OF HERBICIDE (CURL, BLACK ROOT MASS (WITH A SHARP KNIFE) MORTALITY IN 4 EQUIDISTANT LOCATIONS.
4. FOR BALLED AND BURLAPPED SHRUBS: REMOVE COLLAR ROPES AND TOP 1/3 OF BURLAP. CROWN OR SLOPE ALL SHRUB BEDS TO ASSURE A MIN. PITCH OF 3%.

SMB DETAIL

—LLI

REV	DATE	REMARKS	BY

REVISIONS

PREPARED BY:

CAMERON ENGINEERING & ASSOCIATES, LLP

TOWN OF NORTH HEMPSTEAD

DEPARTMENT OF PUBLIC WORKS

PERMIT APPLICATION FOR WATER QUALITY IMPROVEMENTS AT MILL POND PARK AND ITS WATERSHED

PORT WASHINGTON NORTH
NASSAU COUNTY, NEW YORK

PROPOSED SITE IMPROVEMENTS PLAN, PLANTING LEGEND AND DETAILS

DATE	DRAWN BY	DRAWING NO.
NOV. 2006	SG	5
SCALE	CHECKED BY	
AS NOTED	DW	
	PM CHARGE BY	JOB NUMBER NO.
	JRA	02-02

Figure 6