

## **APPENDICES**

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## **APPENDIX A**

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**Full Environmental Assessment Form**  
**Part 1 - Project and Setting**

**Instructions for Completing Part 1**

**Part 1 is to be completed by the applicant or project sponsor.** Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer to the initial question is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

**A. Project and Sponsor Information.**

Name of Action or Project:		
Project Location (describe, and attach a general location map):		
Brief Description of Proposed Action (include purpose or need):		
Name of Applicant/Sponsor:		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Project Contact (if not same as sponsor; give name and title/role):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:

**B. Government Approvals**

**B. Government Approvals, Funding, or Sponsorship.** (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, or Village Board of Trustees <input type="checkbox"/> Yes <input type="checkbox"/> No		
b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input type="checkbox"/> No		
c. City Council, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
h. Federal agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
i. Coastal Resources. <p data-bbox="121 829 1485 861">i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p data-bbox="121 892 1485 924">ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p data-bbox="121 924 1485 955">iii. Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		

**C. Planning and Zoning**

**C.1. Planning and zoning actions.**

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed?  Yes  No

- **If Yes**, complete sections C, F and G.
- **If No**, proceed to question C.2 and complete all remaining sections and questions in Part 1

**C.2. Adopted land use plans.**

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located?  Yes  No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?  Yes  No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?)  Yes  No

If Yes, identify the plan(s):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan?  Yes  No

If Yes, identify the plan(s):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**C.3. Zoning**

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance.  Yes  No  
If Yes, what is the zoning classification(s) including any applicable overlay district?

\_\_\_\_\_

\_\_\_\_\_

b. Is the use permitted or allowed by a special or conditional use permit?  Yes  No

c. Is a zoning change requested as part of the proposed action?  Yes  No

If Yes,

i. What is the proposed new zoning for the site? \_\_\_\_\_

**C.4. Existing community services.**

a. In what school district is the project site located? \_\_\_\_\_

b. What police or other public protection forces serve the project site?  
\_\_\_\_\_

c. Which fire protection and emergency medical services serve the project site?  
\_\_\_\_\_

d. What parks serve the project site?  
\_\_\_\_\_  
\_\_\_\_\_

**D. Project Details**

**D.1. Proposed and Potential Development**

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)?  
\_\_\_\_\_

b. a. Total acreage of the site of the proposed action? \_\_\_\_\_ acres  
b. Total acreage to be physically disturbed? \_\_\_\_\_ acres  
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? \_\_\_\_\_ acres

c. Is the proposed action an expansion of an existing project or use?  Yes  No  
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % \_\_\_\_\_ Units: \_\_\_\_\_

d. Is the proposed action a subdivision, or does it include a subdivision?  Yes  No  
If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)  
\_\_\_\_\_

ii. Is a cluster/conservation layout proposed?  Yes  No

iii. Number of lots proposed? \_\_\_\_\_

iv. Minimum and maximum proposed lot sizes? Minimum \_\_\_\_\_ Maximum \_\_\_\_\_

e. Will proposed action be constructed in multiple phases?  Yes  No

i. If No, anticipated period of construction: \_\_\_\_\_ months

ii. If Yes:

- Total number of phases anticipated \_\_\_\_\_
- Anticipated commencement date of phase 1 (including demolition) \_\_\_\_\_ month \_\_\_\_\_ year
- Anticipated completion date of final phase \_\_\_\_\_ month \_\_\_\_\_ year

• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

f. Does the project include new residential uses?  Yes  No  
 If Yes, show numbers of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)?  Yes  No  
 If Yes,

i. Total number of structures \_\_\_\_\_

ii. Dimensions (in feet) of largest proposed structure: \_\_\_\_\_ height; \_\_\_\_\_ width; and \_\_\_\_\_ length

iii. Approximate extent of building space to be heated or cooled: \_\_\_\_\_ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage?  Yes  No  
 If Yes,

i. Purpose of the impoundment: \_\_\_\_\_

ii. If a water impoundment, the principal source of the water:  Ground water  Surface water streams  Other specify: \_\_\_\_\_

iii. If other than water, identify the type of impounded/contained liquids and their source. \_\_\_\_\_

iv. Approximate size of the proposed impoundment. Volume: \_\_\_\_\_ million gallons; surface area: \_\_\_\_\_ acres

v. Dimensions of the proposed dam or impounding structure: \_\_\_\_\_ height; \_\_\_\_\_ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): \_\_\_\_\_

**D.2. Project Operations**

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both?  Yes  No  
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)  
 If Yes:

i. What is the purpose of the excavation or dredging? \_\_\_\_\_

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): \_\_\_\_\_
- Over what duration of time? \_\_\_\_\_

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. \_\_\_\_\_

iv. Will there be onsite dewatering or processing of excavated materials?  Yes  No  
 If yes, describe. \_\_\_\_\_

v. What is the total area to be dredged or excavated? \_\_\_\_\_ acres

vi. What is the maximum area to be worked at any one time? \_\_\_\_\_ acres

vii. What would be the maximum depth of excavation or dredging? \_\_\_\_\_ feet

viii. Will the excavation require blasting?  Yes  No

ix. Summarize site reclamation goals and plan: \_\_\_\_\_

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area?  Yes  No  
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): \_\_\_\_\_

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

iii. Will proposed action cause or result in disturbance to bottom sediments?  Yes  No

If Yes, describe: \_\_\_\_\_

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation?  Yes  No

If Yes:

- acres of aquatic vegetation proposed to be removed: \_\_\_\_\_
- expected acreage of aquatic vegetation remaining after project completion: \_\_\_\_\_
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): \_\_\_\_\_
- proposed method of plant removal: \_\_\_\_\_
- if chemical/herbicide treatment will be used, specify product(s): \_\_\_\_\_

v. Describe any proposed reclamation/mitigation following disturbance: \_\_\_\_\_

c. Will the proposed action use, or create a new demand for water?  Yes  No

If Yes:

i. Total anticipated water usage/demand per day: \_\_\_\_\_ gallons/day

ii. Will the proposed action obtain water from an existing public water supply?  Yes  No

If Yes:

- Name of district or service area: \_\_\_\_\_
- Does the existing public water supply have capacity to serve the proposal?  Yes  No
- Is the project site in the existing district?  Yes  No
- Is expansion of the district needed?  Yes  No
- Do existing lines serve the project site?  Yes  No

iii. Will line extension within an existing district be necessary to supply the project?  Yes  No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: \_\_\_\_\_
- Source(s) of supply for the district: \_\_\_\_\_

iv. Is a new water supply district or service area proposed to be formed to serve the project site?  Yes  No

If Yes:

- Applicant/sponsor for new district: \_\_\_\_\_
- Date application submitted or anticipated: \_\_\_\_\_
- Proposed source(s) of supply for new district: \_\_\_\_\_

v. If a public water supply will not be used, describe plans to provide water supply for the project: \_\_\_\_\_

vi. If water supply will be from wells (public or private), maximum pumping capacity: \_\_\_\_\_ gallons/minute.

d. Will the proposed action generate liquid wastes?  Yes  No

If Yes:

i. Total anticipated liquid waste generation per day: \_\_\_\_\_ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): \_\_\_\_\_

iii. Will the proposed action use any existing public wastewater treatment facilities?  Yes  No

If Yes:

- Name of wastewater treatment plant to be used: \_\_\_\_\_
- Name of district: \_\_\_\_\_
- Does the existing wastewater treatment plant have capacity to serve the project?  Yes  No
- Is the project site in the existing district?  Yes  No
- Is expansion of the district needed?  Yes  No

• Do existing sewer lines serve the project site?  Yes  No  
 • Will line extension within an existing district be necessary to serve the project?  Yes  No  
 If Yes:  
 • Describe extensions or capacity expansions proposed to serve this project: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?  Yes  No  
 If Yes:  
 • Applicant/sponsor for new district: \_\_\_\_\_  
 • Date application submitted or anticipated: \_\_\_\_\_  
 • What is the receiving water for the wastewater discharge? \_\_\_\_\_

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction?  Yes  No  
 If Yes:  
 i. How much impervious surface will the project create in relation to total size of project parcel?  
     \_\_\_\_\_ Square feet or \_\_\_\_\_ acres (impervious surface)  
     \_\_\_\_\_ Square feet or \_\_\_\_\_ acres (parcel size)  
 ii. Describe types of new point sources. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?  
 \_\_\_\_\_  
 \_\_\_\_\_  
 • If to surface waters, identify receiving water bodies or wetlands: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

• Will stormwater runoff flow to adjacent properties?  Yes  No

iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?  Yes  No

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f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations?  Yes  No  
 If Yes, identify:  
 i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)  
 \_\_\_\_\_  
 ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)  
 \_\_\_\_\_  
 iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)  
 \_\_\_\_\_  
 \_\_\_\_\_

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g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit?  Yes  No  
 If Yes:  
 i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)  Yes  No  
 ii. In addition to emissions as calculated in the application, the project will generate:  
 • \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide (CO<sub>2</sub>)  
 • \_\_\_\_\_ Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)  
 • \_\_\_\_\_ Tons/year (short tons) of Perfluorocarbons (PFCs)  
 • \_\_\_\_\_ Tons/year (short tons) of Sulfur Hexafluoride (SF<sub>6</sub>)  
 • \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflouorocarbons (HFCs)  
 • \_\_\_\_\_ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)



h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?  Yes  No

If Yes:

*i.* Estimate methane generation in tons/year (metric): \_\_\_\_\_

*ii.* Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): \_\_\_\_\_

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i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations?  Yes  No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): \_\_\_\_\_

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j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services?  Yes  No

If Yes:

*i.* When is the peak traffic expected (Check all that apply):  Morning  Evening  Weekend  
 Randomly between hours of \_\_\_\_\_ to \_\_\_\_\_.

*ii.* For commercial activities only, projected number of semi-trailer truck trips/day: \_\_\_\_\_

*iii.* Parking spaces: Existing \_\_\_\_\_ Proposed \_\_\_\_\_ Net increase/decrease \_\_\_\_\_

*iv.* Does the proposed action include any shared use parking?  Yes  No

*v.* If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: \_\_\_\_\_

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*vi.* Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site?  Yes  No

*vii.* Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles?  Yes  No

*viii.* Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes?  Yes  No

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k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?  Yes  No

If Yes:

*i.* Estimate annual electricity demand during operation of the proposed action: \_\_\_\_\_

*ii.* Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): \_\_\_\_\_

*iii.* Will the proposed action require a new, or an upgrade to, an existing substation?  Yes  No

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l. Hours of operation. Answer all items which apply.

<p><i>i.</i> During Construction:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____</li> <li>• Saturday: _____</li> <li>• Sunday: _____</li> <li>• Holidays: _____</li> </ul>	<p><i>ii.</i> During Operations:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____</li> <li>• Saturday: _____</li> <li>• Sunday: _____</li> <li>• Holidays: _____</li> </ul>
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m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both?  Yes  No  
 If yes:  
 i. Provide details including sources, time of day and duration:  
 \_\_\_\_\_  
 \_\_\_\_\_

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen?  Yes  No  
 Describe: \_\_\_\_\_  
 \_\_\_\_\_

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n.. Will the proposed action have outdoor lighting?  Yes  No  
 If yes:  
 i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:  
 \_\_\_\_\_  
 \_\_\_\_\_

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen?  Yes  No  
 Describe: \_\_\_\_\_  
 \_\_\_\_\_

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o. Does the proposed action have the potential to produce odors for more than one hour per day?  Yes  No  
 If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage?  Yes  No  
 If Yes:  
 i. Product(s) to be stored \_\_\_\_\_  
 ii. Volume(s) \_\_\_\_\_ per unit time \_\_\_\_\_ (e.g., month, year)  
 iii. Generally describe proposed storage facilities: \_\_\_\_\_  
 \_\_\_\_\_

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q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?  Yes  No  
 If Yes:  
 i. Describe proposed treatment(s):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

ii. Will the proposed action use Integrated Pest Management Practices?  Yes  No

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r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?  Yes  No  
 If Yes:  
 i. Describe any solid waste(s) to be generated during construction or operation of the facility:  
 • Construction: \_\_\_\_\_ tons per \_\_\_\_\_ (unit of time)  
 • Operation : \_\_\_\_\_ tons per \_\_\_\_\_ (unit of time)  
 ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:  
 • Construction: \_\_\_\_\_  
 \_\_\_\_\_  
 • Operation: \_\_\_\_\_  
 \_\_\_\_\_  
 iii. Proposed disposal methods/facilities for solid waste generated on-site:  
 • Construction: \_\_\_\_\_  
 \_\_\_\_\_  
 • Operation: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

s. Does the proposed action include construction or modification of a solid waste management facility?  Yes  No  
 If Yes:  
 i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): \_\_\_\_\_  
 ii. Anticipated rate of disposal/processing:  
 • \_\_\_\_\_ Tons/month, if transfer or other non-combustion/thermal treatment, or  
 • \_\_\_\_\_ Tons/hour, if combustion or thermal treatment  
 iii. If landfill, anticipated site life: \_\_\_\_\_ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste?  Yes  No  
 If Yes:  
 i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 ii. Generally describe processes or activities involving hazardous wastes or constituents: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 iii. Specify amount to be handled or generated \_\_\_\_\_ tons/month  
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?  Yes  No  
 If Yes: provide name and location of facility: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:  
 \_\_\_\_\_  
 \_\_\_\_\_

**E. Site and Setting of Proposed Action**

**E.1. Land uses on and surrounding the project site**

a. Existing land uses.  
 i. Check all uses that occur on, adjoining and near the project site.  
 Urban  Industrial  Commercial  Residential (suburban)  Rural (non-farm)  
 Forest  Agriculture  Aquatic  Other (specify): \_\_\_\_\_  
 ii. If mix of uses, generally describe:  
 \_\_\_\_\_  
 \_\_\_\_\_

b. Land uses and covertypes on the project site.

Land use or Coverture	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces			
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____ _____			

c. Is the project site presently used by members of the community for public recreation?  Yes  No  
i. If Yes: explain: \_\_\_\_\_

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d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site?  Yes  No  
If Yes,  
i. Identify Facilities:  
\_\_\_\_\_

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e. Does the project site contain an existing dam?  Yes  No  
If Yes:  
i. Dimensions of the dam and impoundment:  

- Dam height: \_\_\_\_\_ feet
- Dam length: \_\_\_\_\_ feet
- Surface area: \_\_\_\_\_ acres
- Volume impounded: \_\_\_\_\_ gallons OR acre-feet

ii. Dam's existing hazard classification: \_\_\_\_\_  
iii. Provide date and summarize results of last inspection:  
\_\_\_\_\_

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f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility?  Yes  No  
If Yes:  
i. Has the facility been formally closed?  Yes  No  

- If yes, cite sources/documentation: \_\_\_\_\_

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:  
\_\_\_\_\_  
\_\_\_\_\_  
iii. Describe any development constraints due to the prior solid waste activities: \_\_\_\_\_

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g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste?  Yes  No  
If Yes:  
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:  
\_\_\_\_\_  
\_\_\_\_\_

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h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site?  Yes  No  
If Yes:  
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:  Yes  No  
 Yes – Spills Incidents database Provide DEC ID number(s): \_\_\_\_\_  
 Yes – Environmental Site Remediation database Provide DEC ID number(s): \_\_\_\_\_  
 Neither database  
ii. If site has been subject of RCRA corrective activities, describe control measures: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?  Yes  No  
If yes, provide DEC ID number(s): \_\_\_\_\_  
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):  
\_\_\_\_\_  
\_\_\_\_\_

v. Is the project site subject to an institutional control limiting property uses?  Yes  No

- If yes, DEC site ID number: \_\_\_\_\_
- Describe the type of institutional control (e.g., deed restriction or easement): \_\_\_\_\_
- Describe any use limitations: \_\_\_\_\_
- Describe any engineering controls: \_\_\_\_\_
- Will the project affect the institutional or engineering controls in place?  Yes  No
- Explain: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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**E.2. Natural Resources On or Near Project Site**

a. What is the average depth to bedrock on the project site? \_\_\_\_\_ feet

b. Are there bedrock outcroppings on the project site?  Yes  No  
 If Yes, what proportion of the site is comprised of bedrock outcroppings? \_\_\_\_\_%

c. Predominant soil type(s) present on project site: \_\_\_\_\_ %  
 \_\_\_\_\_ %  
 \_\_\_\_\_ %

d. What is the average depth to the water table on the project site? Average: \_\_\_\_\_ feet

e. Drainage status of project site soils:  Well Drained: \_\_\_\_\_ % of site  
 Moderately Well Drained: \_\_\_\_\_ % of site  
 Poorly Drained \_\_\_\_\_ % of site

f. Approximate proportion of proposed action site with slopes:  0-10%: \_\_\_\_\_ % of site  
 10-15%: \_\_\_\_\_ % of site  
 15% or greater: \_\_\_\_\_ % of site

g. Are there any unique geologic features on the project site?  Yes  No  
 If Yes, describe: \_\_\_\_\_  
 \_\_\_\_\_

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?  Yes  No

ii. Do any wetlands or other waterbodies adjoin the project site?  Yes  No  
 If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency?  Yes  No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name \_\_\_\_\_ Classification \_\_\_\_\_
- Lakes or Ponds: Name \_\_\_\_\_ Classification \_\_\_\_\_
- Wetlands: Name \_\_\_\_\_ Approximate Size \_\_\_\_\_
- Wetland No. (if regulated by DEC) \_\_\_\_\_

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies?  Yes  No  
 If yes, name of impaired water body/bodies and basis for listing as impaired: \_\_\_\_\_  
 \_\_\_\_\_

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i. Is the project site in a designated Floodway?  Yes  No

j. Is the project site in the 100 year Floodplain?  Yes  No

k. Is the project site in the 500 year Floodplain?  Yes  No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer?  Yes  No  
 If Yes:  
 i. Name of aquifer: \_\_\_\_\_

m. Identify the predominant wildlife species that occupy or use the project site: _____ _____ _____	
n. Does the project site contain a designated significant natural community? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If Yes: <i>i.</i> Describe the habitat/community (composition, function, and basis for designation): _____ _____ <i>ii.</i> Source(s) of description or evaluation: _____ <i>iii.</i> Extent of community/habitat: <ul style="list-style-type: none"> <li>• Currently: _____ acres</li> <li>• Following completion of project as proposed: _____ acres</li> <li>• Gain or loss (indicate + or -): _____ acres</li> </ul>	
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>	
p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>	
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If yes, give a brief description of how the proposed action may affect that use: _____ _____	
<b>E.3. Designated Public Resources On or Near Project Site</b>	
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If Yes, provide county plus district name/number: _____	
b. Are agricultural lands consisting of highly productive soils present? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> <i>i.</i> If Yes: acreage(s) on project site? _____ <i>ii.</i> Source(s) of soil rating(s): _____	
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If Yes: <i>i.</i> Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature <i>ii.</i> Provide brief description of landmark, including values behind designation and approximate size/extent: _____ _____ _____	
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span> If Yes: <i>i.</i> CEA name: _____ <i>ii.</i> Basis for designation: _____ <i>iii.</i> Designating agency and date: _____	

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If Yes:	
<i>i.</i> Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District	
<i>ii.</i> Name: _____	
<i>iii.</i> Brief description of attributes on which listing is based: _____	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	<input type="checkbox"/> Yes <input type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site?	
If Yes:	
<i>i.</i> Describe possible resource(s): _____	
<i>ii.</i> Basis for identification: _____	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If Yes:	
<i>i.</i> Identify resource: _____	
<i>ii.</i> Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____	
<i>iii.</i> Distance between project and resource: _____ miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If Yes:	
<i>i.</i> Identify the name of the river and its designation: _____	
<i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	
	<input type="checkbox"/> Yes <input type="checkbox"/> No

**F. Additional Information**

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

**G. Verification**

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name \_\_\_\_\_ Date \_\_\_\_\_

Signature \_\_\_\_\_ Title \_\_\_\_\_

**Full Environmental Assessment Form**  
**Part 2 - Identification of Potential Project Impacts**

Project :

Date :

**Part 2 is to be completed by the lead agency.** Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency’s reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

**Tips for completing Part 2:**

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer “**Yes**” to a numbered question, please complete all the questions that follow in that section.
- If you answer “**No**” to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box “Moderate to large impact may occur.”
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the “whole action”.
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

<b>1. Impact on Land</b>			
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)		<input type="checkbox"/> NO	<input type="checkbox"/> YES
<i>If “Yes”, answer questions a - j. If “No”, move on to Section 2.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>



<b>2. Impact on Geological Features</b> The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) <span style="float: right;"><input type="checkbox"/> NO <input type="checkbox"/> YES</span> <i>If "Yes", answer questions a - c. If "No", move on to Section 3.</i>			
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
a. Identify the specific land form(s) attached: _____ _____	E2g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>3. Impacts on Surface Water</b> The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) <span style="float: right;"><input type="checkbox"/> NO <input type="checkbox"/> YES</span> <i>If "Yes", answer questions a - l. If "No", move on to Section 4.</i>			
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
a. The proposed action may create a new water body.	D2b, D1h	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	<input type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	<input type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	<input type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	<input type="checkbox"/>	<input type="checkbox"/>

I. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
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<b>4. Impact on groundwater</b> The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. <span style="float: right;"><input type="checkbox"/> NO <input type="checkbox"/> YES</span> (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) <i>If "Yes", answer questions a - h. If "No", move on to Section 5.</i>			
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	<input type="checkbox"/>	<input type="checkbox"/>
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>5. Impact on Flooding</b> The proposed action may result in development on lands subject to flooding. <span style="float: right;"><input type="checkbox"/> NO <input type="checkbox"/> YES</span> (See Part 1. E.2) <i>If "Yes", answer questions a - g. If "No", move on to Section 6.</i>			
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
a. The proposed action may result in development in a designated floodway.	E2i	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in development within a 100 year floodplain.	E2j	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in development within a 500 year floodplain.	E2k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	<input type="checkbox"/>	<input type="checkbox"/>
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	<input type="checkbox"/>	<input type="checkbox"/>

g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
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<b>6. Impacts on Air</b>			
The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) <i>If "Yes", answer questions a - f. If "No", move on to Section 7.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels: i. More than 1000 tons/year of carbon dioxide (CO <sub>2</sub> ) ii. More than 3.5 tons/year of nitrous oxide (N <sub>2</sub> O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF <sub>6</sub> ) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions vi. 43 tons/year or more of methane	D2g D2g D2g D2g D2g D2h	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>7. Impact on Plants and Animals</b>			
The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) <i>If "Yes", answer questions a - j. If "No", move on to Section 8.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	<input type="checkbox"/>	<input type="checkbox"/>

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____	E1b	<input type="checkbox"/>	<input type="checkbox"/>
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	<input type="checkbox"/>	<input type="checkbox"/>
j. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>8. Impact on Agricultural Resources</b>			
The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.)		<input type="checkbox"/> NO	<input type="checkbox"/> YES
<i>If "Yes", answer questions a - h. If "No", move on to Section 9.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>9. Impact on Aesthetic Resources</b> The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.) <i>If "Yes", answer questions a - g. If "No", go to Section 10.</i>				<input type="checkbox"/> NO	<input type="checkbox"/> YES
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>		
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>		
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	<input type="checkbox"/>	<input type="checkbox"/>		
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>		
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>		
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>		
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile 1/2 -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	<input type="checkbox"/>	<input type="checkbox"/>		
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>		

<b>10. Impact on Historic and Archeological Resources</b> The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) <i>If "Yes", answer questions a - e. If "No", go to Section 11.</i>				<input type="checkbox"/> NO	<input type="checkbox"/> YES
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>		
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E3e	<input type="checkbox"/>	<input type="checkbox"/>		
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	<input type="checkbox"/>	<input type="checkbox"/>		
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	<input type="checkbox"/>	<input type="checkbox"/>		

d. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
e. If any of the above (a-d) are answered “Yes”, continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	<input type="checkbox"/>	<input type="checkbox"/>
ii. The proposed action may result in the alteration of the property’s setting or integrity.	E3e, E3f, E3g, E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	<input type="checkbox"/>	<input type="checkbox"/>

<b>11. Impact on Open Space and Recreation</b>			
The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.) <i>If “Yes”, answer questions a - e. If “No”, go to Section 12.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
a. The proposed action may result in an impairment of natural functions, or “ecosystem services”, provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	<input type="checkbox"/>	<input type="checkbox"/>
e. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>12. Impact on Critical Environmental Areas</b>			
The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d) <i>If “Yes”, answer questions a - c. If “No”, go to Section 13.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>13. Impact on Transportation</b> The proposed action may result in a change to existing transportation systems. <input type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.j) <i>If "Yes", answer questions a - g. If "No", go to Section 14.</i>			
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
a. Projected traffic increase may exceed capacity of existing road network.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action will degrade existing transit access.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>14. Impact on Energy</b> The proposed action may cause an increase in the use of any form of energy. <input type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.k) <i>If "Yes", answer questions a - e. If "No", go to Section 15.</i>			
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	<input type="checkbox"/>	<input type="checkbox"/>
e. Other Impacts: _____ _____			

<b>15. Impact on Noise, Odor, and Light</b> The proposed action may result in an increase in noise, odors, or outdoor lighting. <input type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.m., n., and o.) <i>If "Yes", answer questions a - f. If "No", go to Section 16.</i>			
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in routine odors for more than one hour per day.	D2o	<input type="checkbox"/>	<input type="checkbox"/>

d. The proposed action may result in light shining onto adjoining properties.	D2n	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>16. Impact on Human Health</b>			
The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) <i>If "Yes", answer questions a - m. If "No", go to Section 17.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	<input type="checkbox"/>	<input type="checkbox"/>
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	<input type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	<input type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	<input type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	<input type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	<input type="checkbox"/>	<input type="checkbox"/>
m. Other impacts: _____ _____			



<b>17. Consistency with Community Plans</b>			
The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) <i>If “Yes”, answer questions a - h. If “No”, go to Section 18.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action’s land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	<input type="checkbox"/>	<input type="checkbox"/>
h. Other: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>18. Consistency with Community Character</b>			
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) <i>If “Yes”, answer questions a - g. If “No”, proceed to Part 3.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

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## **Proposed Zoning Code Amendments**

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Code sections added or amended by proposed revision:

### ARTICLE X1: Senior Residence District

§ 70-95.1 Purpose and Intent

§ 70-95.2. Permitted uses

§ 70-95.5. Plot area; frontage; density of population.

§ 70-95.8. Required yards and perimeter buffer area.

§ 70-95.9. Separation of buildings.

### Article XXV: Word Usage and Definitions

§ 70-231. Definitions

## **Article X1. Senior Residence District (R-S)**

### **§ 70-95.1. Purpose and intent.**

**A.** Pursuant to the public purpose of providing specialized housing facilities for senior citizens to meet the special housing, health care, social and recreational needs of this segment of the population, the Town Board establishes a Senior Residence District (R-S) as a floating district that permits the development of Senior Residence Communities as specified herein.

**B.** The Town Board may establish an R-S floating district in the RM, Hospital, Business A, Business B, Industrial A and Industrial B Districts subject to the following standards and requirements. Such district shall be affixed to the official Town Zoning Map where such district is approved.

**C. Developments which utilize Federal housing programs administered by the New York State Housing Finance Agency & New York State Homes & Community Renewal which provide housing tax credits for the Project shall designate developments as 55 and over in order to comply with all Fair Housing regulations as stated in Section §807(b)(2) of the Fair Housing Act in accordance with the following**

**(1) At least 80 percent of the occupied units are occupied by at least one person who is 55 years of age or older.**

**(2) The housing facility or community publishes and adheres to policies and procedures that demonstrate the intent required under this subparagraph of the Fair Housing Act**

**(3) The housing facility or community complies with rules issued by the Secretary for verification of occupancy, which shall- provide for verification by reliable surveys and affidavits; and include examples of the types of policies and procedures relevant to a determination of compliance with the requirement of clause (2). Such surveys and affidavits shall be admissible in administrative and judicial proceedings for the purposes of such**

### **§ 70-95.2. Permitted uses.**

**A.** A building or buildings may be erected, altered or used and a lot or premises may be used for the following purposes and no other:

**(1)** Senior independent-living facilities.

**(2)** Senior congregate-living facilities.

**(3)** Senior assisted-living facilities.

**(4)** Nursing homes.

**(5)** Senior day-care centers.

**B.** ~~There shall be a minimum of two types of principal uses to constitute an R-S community, and no more than 50% of the total number of units may be for nursing care.~~

### **§ 70-95.3. Accessory uses.**

Senior Residence Districts may contain or provide uses necessary to and customarily incidental to such facilities where such uses are limited to use by residents, their guests and employees as follows:

**A.** Community meeting rooms.

**B.** Library.

**C.** Convenience retail, barber and beauty shops; snack bar and gift shops.

**D.** Group dining rooms.

- E.** Medical offices, limited to use by residents, with no visible sign announcing their presence.
- F.** Physical therapy and exercise rooms, limited to use by residents.
- G.** Outdoor active and passive recreation space.

**§ 70-95.4. Height.**

- A.** No principal building shall exceed three stories or 45 feet in height.
- B.** No accessory building shall exceed one story or 12 feet in height.

**§ 70-95.5. Plot area; frontage; density of population.**

- A.** Every project under this article shall occupy a plot of not less than ~~five~~ two acres. ~~There shall be a minimum of 100 feet of frontage and direct access to a state or county road.~~ The maximum allowable density in the R-S district shall be calculated based on the following densities:

<b>Type of Facility</b>	<b>Maximum Units/Acre</b>
Senior independent living	32
Senior congregate living	32
Senior assisted living	38
Nursing home	50 beds
Senior day-care center	N.A.

- B.** A 25% density bonus shall be available for senior independent-living facilities where such units are made available as affordable senior citizen facilities as defined in § [70-231](#).
- C.** For buildings containing more than one senior citizen facility, a composite total of 32 units per acre shall be permitted, with each use assessed at the following rate:

<b>Type of Facility</b>	<b>Equivalent Unit</b>
Senior independent living	1.0
Senior congregate living	1.0
Senior assisted living	.85

**§ 70-95.6. Building area.**

In the case of R-S developments, the maximum coverage of land by principal and accessory buildings shall not exceed 35% of the lot area.

**§ 70-95.7. Floor area.**

- A.** Buildings containing the following senior citizen facilities shall have the following minimum and maximum gross habitable floor area per unit:

<b>Type of Facility</b>	<b>Minimum Floor Area/Unit (square feet)</b>	<b>Maximum Floor Area/Unit (square feet)</b>
-------------------------	--	--

<b>Type of Facility</b>	<b>Minimum Floor Area/Unit (square feet)</b>	<b>Maximum Floor Area/Unit (square feet)</b>
Senior independent living	600	1,600
Senior congregate living	550	1,600
Senior assisted living	350	1,000

**B.** In senior independent, congregate- and assisted-living facilities, a minimum of 40% of the dwelling units shall be one bedroom units. No dwelling unit shall contain more than two bedrooms.

**C.** No basement apartments shall be permitted in any senior citizen facility other than one such apartment for the use of a superintendent, custodian or other person in charge of the maintenance of such dwelling.

**§ 70-95.8. Required yards and perimeter buffer area.**

~~**A.** The minimum required yard at all property lines within an R-S District shall be 30 feet.~~

**A.** There shall be a minimum perimeter buffer of ~~25~~ 15 feet around all R-S communities, suitably landscaped and permanently maintained with planting of trees and shrubs in accordance with specifications of the site plan approved by the Town Board as part of the approval of the RS District.

**B.** Landbanked parking may be located within a required buffer in accordance with the limitations set forth in § 70-95.13B.

**§ 70-95.9. Separation of buildings.**

**A.** There shall be a minimum distance of ~~25~~ 20 feet between any two main buildings on the same lot within the R-S District.

**B.** All buildings shall be situated in such a manner as to provide adequate light and air.

**§ 70-95.10. Open space and amenity space.**

A minimum of 80 square feet per dwelling unit of indoor common amenity space other than dining space shall be provided. A minimum of 50 square feet of common outdoor active and passive recreation and open space shall be provided per dwelling unit.

**§ 70-95.11. Design features.**

All senior citizen facilities shall be designed to meet the special needs of senior citizens and at a minimum shall contain the following:

**A.** A call button monitoring or equivalent system within each dwelling unit for emergency calls to on- or off-site emergency personnel.

**B.** Exterior access, at a minimum of two locations, without steps.

**C.** Grab bars in all tub and shower stalls.

**D.** Corridor length and design to facilitate wayfinding.

**E.** Elevators required for access to all units above the first story.

**F.** Non-skid floors.

**G.** Handle-type spigots and doorknobs.

**H.** In all rooms, doors of sufficient width to accommodate wheelchairs.

**I.** Separation of vehicular circulation drive from pedestrian walks.

**J.** Changes in grade on walk systems to be accomplished by ramps.

**K.** Passenger dropoff for occupants and visitors near entrance and elevator halls of buildings.

**§ 70-95.12. Sewage disposal.**

No Senior Residence District shall be permitted unless provided with municipal sewerage or unless an independent sewage disposal plant, approved by the Nassau County Department of Health and/or Town of North Hempstead Building Department, is constructed for the sanitary disposal of the sewage of such buildings.

**§ 70-95.13. Parking requirements.**

- A.** Off-street parking for senior residence communities shall be calculated based upon the total of the parking requirements of the individual components which comprise the R-S where such requirements are set forth in § [70-103](#), with the exception that up to a ten-percent reduction in the requirement may be applied for and granted by the Town Board based on a demonstration that a sharing of personnel between facilities would effectively reduce the required parking.
- B.** Landbanked parking as defined in § [70-231](#) may be permitted for senior independent, congregate-, and assisted-living facilities within the required buffer subject to the following restrictions.
- (1)** Landbanked parking shall be limited to 40% of the required parking.
  - (2)** Landbanked parking shall be indicated as such on the site plan and shall be maintained as landscaped or open green space.
  - (3)** No structure shall be erected in any designated landbanked area.
  - (4)** Landbanked parking shall be located a minimum of 15 feet from any property line abutting a residence district.

## **Article XXV: Word Usage and Definitions**

### **§ 70-231. Definitions.**

#### **SENIOR CITIZEN FACILITY**

A facility intended to provide for the specialized living and/or daily caregiving needs of persons 62 years of age or older, including senior independent-living facilities, senior congregate-housing facilities, senior assisted-living facilities and senior day-care facilities, **except as described in § 70-95.1.C**

#### **SENIOR INDEPENDENT-LIVING FACILITY**

A building, portion of a building or group of buildings containing dwelling units with full kitchens specially designed for use and occupancy by the elderly which may have common amenities but no common dining and whose occupancy is restricted to persons 62 years of age or older or couples, one of whose member is 62 years of age or older, **except as described in § 70-95.1.C**

#### **SENIOR RESIDENCE DISTRICT (R-S)**

A building or group of buildings that contain any combination of two or more residential senior citizen facilities, nursing homes or senior day-care facilities on the same site restricted to persons 62 years of age or older or couples, one of whose member is 62 years of age or older, not necessarily regulated under Article 46 of the New York State Public Health Law, **except as described in § 70-95.1.C**

TOWN BOARD: TOWN OF NORTH HEMPSTEAD  
COUNTY OF NASSAU: STATE OF NEW YORK

-----X  
In the Matter of the Application of

**GG ACQUISITIONS, LLC, and  
MOUNT OLIVE BAPTIST CHURCH OF  
MANHASSET,**

**VERIFIED PETITION**

For a Change of Zone  
-----X

TO THE TOWN BOARD OF THE TOWN OF NORTH HEMPSTEAD:

The undersigned GG ACQUISITIONS, LLC, located at 50 Jericho Quadrangle, Suite 200, Jericho, New York 11753 (“GG”) is the contract vendor and applicant of this petition and the MOUNT OLIVE BAPTIST CHURCH OF MANHASSET is the current fee owner of the property, all of whom bring this petition, and Respectfully request this Board to amend the Zoning Map of the Town of North Hempstead.

GG is a New York Limited Liability Company established May 30, 2014. The member of GG is David Gallo.

The Mount Olive Baptist Church of Manhasset is a Religious Corporation consisting of a Board of Directors whose members are Edward D. Corley, Butler J. Johnson, Imogene V. Williams.

The property is currently zoned Residence C and Petitioners seek it to be rezoned to Senior Residence District (R-S).

The property is located in Manhasset, West of Community Drive, and South of High Street, and described on the Nassau County Land and Tax Map as follows: Section 2, Block 347 Lots 16 & 17. The property is approximately 3.19 acres. The property description is more fully set forth herein in Exhibit “A”. The property is unencumbered.



1. Are the subject premises located within 500 feet of any one or more of the following: (Where answered in the affirmative, set forth identifying or description data)

- Yes a. Boundary line of a city, town or village?  
The Incorporated Village of Lake Success
- Yes b. Boundary line of a state or county park or other recreational area?  
Nassau County – Whitney Pond Park
- Yes c. The right-of-way of a county or state parkway, thruway, expressway or other controlled access highway?  
Community Drive
- No d. The right-of-way of a stream or drainage channel owed by the County?
- Yes e. The boundary of county or state land on which a public building or institution is situated?  
Section 3 Block E Lot 1055 (Nassau County property containing a building providing community services)

2. Have the premises ever been the subject matter of a prior application for a rezoning before the Town Board of the Town of North Hempstead? **NO**

3. Have the premises ever been the subject of an application for a variance or conditional use? **NO**

4. Are the premises within 500 feet of Town-owned property? (If yes, describe)  
A Town of North Hempstead Community Center located on Section 2 Block 347 Lots 14 & 15  
A Town of North Hempstead Public Housing project (Spinney Homes) located on Section 2 Block 347 Lots 49 & 50

5. Are premises within 500 feet of public school or building used for public assembly? (If yes, give details)  
A Town of North Hempstead Community Center located on Section 2 Block 347 Lots 14 & 15

**Mount Olive Baptist Church**

Upon obtaining a rezoning of the Property minor variances will still be necessary. The building will consist of 72 units, 48 one-bedroom apartments, and 24 two-bedroom apartments. There will be 98 parking spaces.

The property is located in the:

Manhasset-Lakeville Water district;

Great Neck Water Pollution Control District Sewer district;

Manhasset 6 School district.

The contact information for the applicant's professionals involved in preparing the plan is:

Richard Ferrara, AIA  
DeLaCour, Ferrara & Church, Architects, P.C.  
91 Atlantic Avenue  
Brooklyn, New York 11201  
(516) 333-4113

Trey Wehrum, P.E.  
PS&S  
1305 Franklin Avenue  
Garden City, New York 11530  
(516) 572-7300

Sean Mulryan, P.E.  
Traffic Engineer  
Mulryan Engineering, P.C.  
1225 Franklin Avenue  
Garden City, New York 11530  
(516) 616-0083

The Owner of the property seeks to develop the Property in a manner that compliments the surrounding properties but is still financially viable. The immediate neighborhood consists of North Hempstead Public Housing Project and Community Center to the north and west, three one-family houses on High Street with the Mount Olive Baptist Church across the street. Commercial properties surround the property on Community Drive.

The proposed rezoning will create affordable housing for aging adults who may or may not still be working without creating the obligations of home ownership.

The proposed rezoning will allow the development of a senior independent living facility comprised of 72 affordable and market rate residential units composed of 48 one bedroom units and 24 two bedroom units, all of which are to be occupied by age restricted seniors (55 years and older).

To the best of our knowledge, no person mentioned in this petition is a Town officer or employee, or is related to a Town officer or employee.

I hereby depose and say that all of the above statements and information and all statements and information contained in papers submitted herein are true.

Dated: September \_\_, 2014  
Garden City, New York

MOUNT OLIVE BAPTIST CHURCH OF MANHASSET

By: \_\_\_\_\_  
EDWARD CORLEY

GG ACQUISITIONS, LLC

By: \_\_\_\_\_  
DAVID GALLO

STATE OF NEW YORK    )  
                                  ) ss.:  
COUNTY OF NASSAU    )

On this \_\_\_\_\_ day of September, 2014 before me personally came EDWARD CORLEY, to me known to me to be the person described in and who executed the foregoing petition, and acknowledged to me that he had executed the same.

\_\_\_\_\_  
Notary Public

STATE OF NEW YORK    )  
                                  ) ss.:  
COUNTY OF NASSAU    )

On this \_\_\_\_\_ day of September, 2014 before me personally came DAVID GALLO, to me known to me to be the person described in and who executed the foregoing petition, and acknowledged to me that he had executed the same.

\_\_\_\_\_  
Notary Public

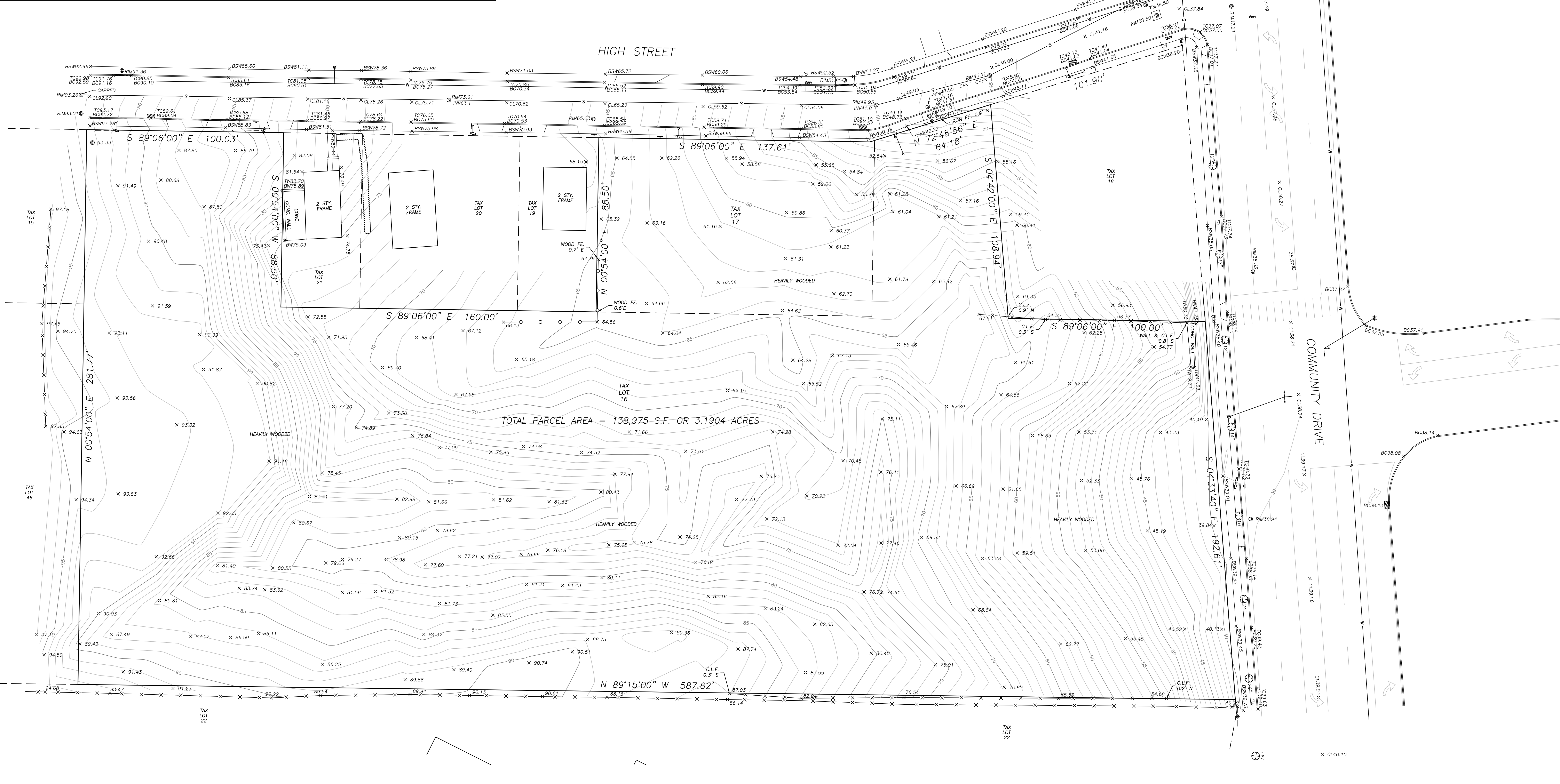
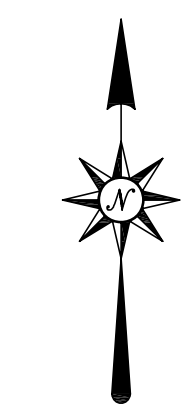
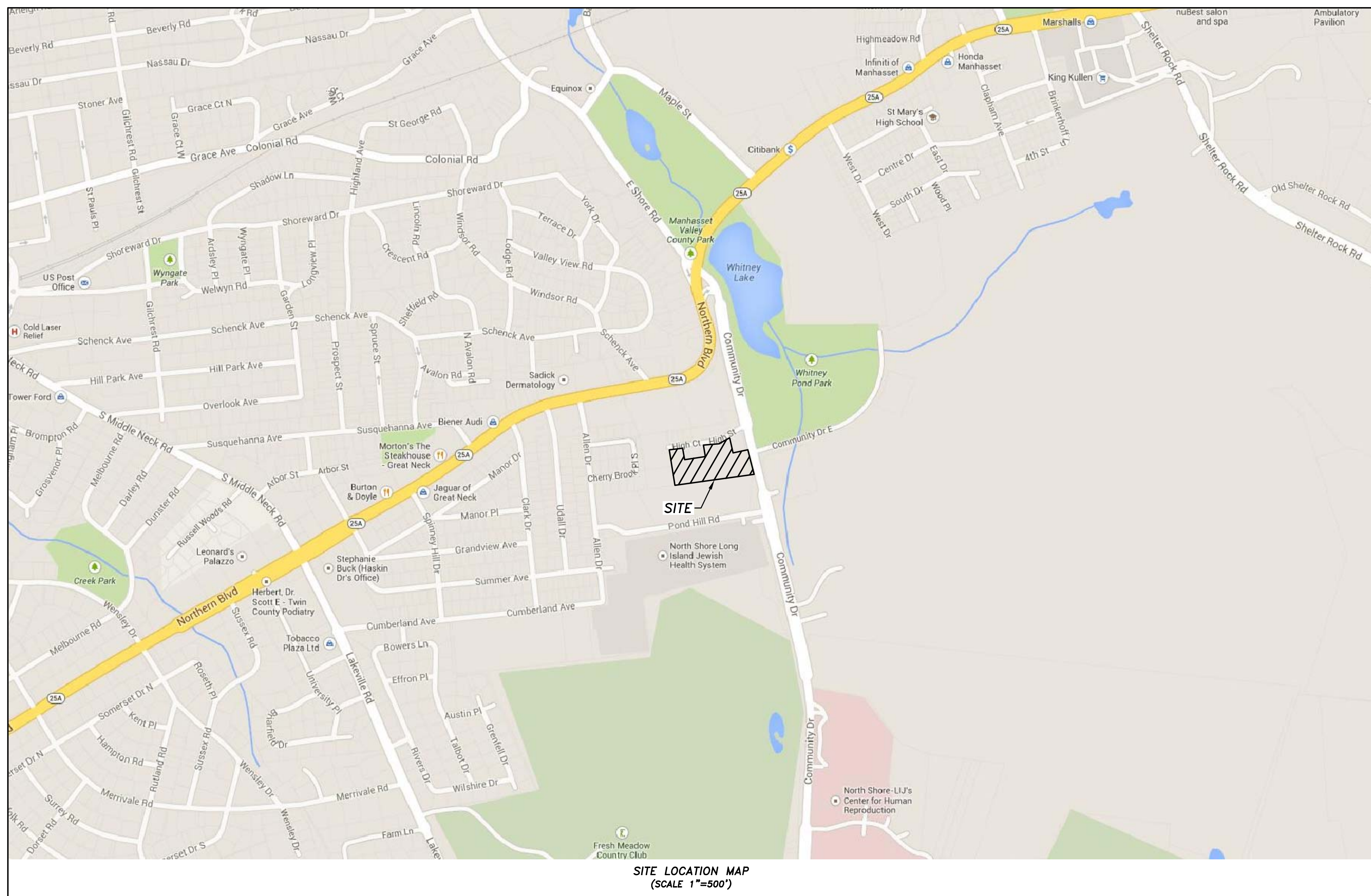
**ATTACHED HERETO ARE THE FOLLOWING EXHIBITS:**

- (A)
  - a. Key map, minimum scale 1 inch equals 1,000 foot spacing, property and streets
  - b. 300 foot radius map showing proposed building section, block and lot information, names of abutting property owners, names of streets, and whether they are Town, County or State roads.
- (B) Survey of existing conditions, prepared by a New York State licensed land surveyor at a scale of one inch equals 40 feet or larger, showing at a minimum:
  - a. The locations of all existing buildings, driveways, patios, fences and accessory structures;
  - b. The locations of property lines with bearings and distances clearly marked;
  - c. The locations of all monuments, stakes or other permanent boundary markers;
  - d. Underground and overhead utilities;
  - e. The locations of all easements, if applicable;
- (C) A Schematic site plan which shall include the following:
  - a. Location and arrangement of all principal buildings and structures;
  - b. Location of proposed parking and loading facilities, access points and circulation aisles;
  - c. Preliminary landscaping plan showing the locations and widths of all vegetated buffers;
  - d. Any proposed right-of-way improvements or road widening;
- (D) Building elevations and perspective drawings;
- (E) Water and sewer availability letters;

- (F) Copies of any restrictive covenants existing on any portion of the site;
- (G) Photographs of all properties abutting the parcel and across from the parcel within 300 feet;
- (H) Nassau County Tax Map;
- (I) Legal Description.

## **APPENDIX B**

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Date	Revisions
5/29/2014	REVISE STREET NAME
5/16/2014	ADD LOCATION MAP & NOTES
5/15/2014	REMOVE TAX LOT 21

Professional attention or addition to a survey map showing a proposed street name is a violation of Article 17A, Section 2201, Subsection 2 of the New York State Education Law.  
 Copies from the original of this survey map not marked with an original of the Land Surveyor's seal or his embossed seal shall not be considered a valid true copy.  
 Certification indicated herein signifies that this survey was prepared in accordance with the existing Code of Practice for Land Surveyors adopted by the New York State Education Department.  
 This certification shall run only to the person or persons whose names are printed on the report for the site, company, governmental agency, and lending institution. Certifications are not transferable to additional institutions or subsequent owners.  
 The officers (or dimensions) shown herein from the instruments or property used are for the specific purpose and use and therefore are not intended to guide the location of structures, retaining walls, ponds, parking areas, additions to buildings or any other construction.  
 Easements in existence or of record, if any, not shown.



**SURVEY OF PROPERTY WITH LOCATION MAP AT HIGH STREET**  
**MANHASSET, NASSAU COUNTY, NEW YORK**  
 SHOWN AS SECTION 2, BLOCK 347, LOTS 16 & 17 ON THE LAND AND TAX MAP OF NASSAU COUNTY

**CARMAN-DUNNE, P.C.**  
 CONSULTING ENGINEERS & SURVEYORS  
 2 Lakeview Avenue, Lynbrook, New York 11563  
 TEL (616) 599-5583 FAX (516) 593-4872

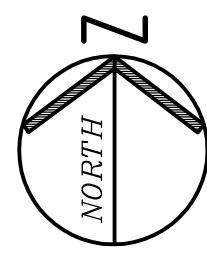
Date: MARCH 3, 2010  
 File: \\2009\2009210\_Topo Less Tax Lot 21.dwg  
 Palette: LegacyCDunne

Plate No.: 159  
 Project No.: 2009210.00  
 Scale: 1"=20'  
 Sheet 1 of 1

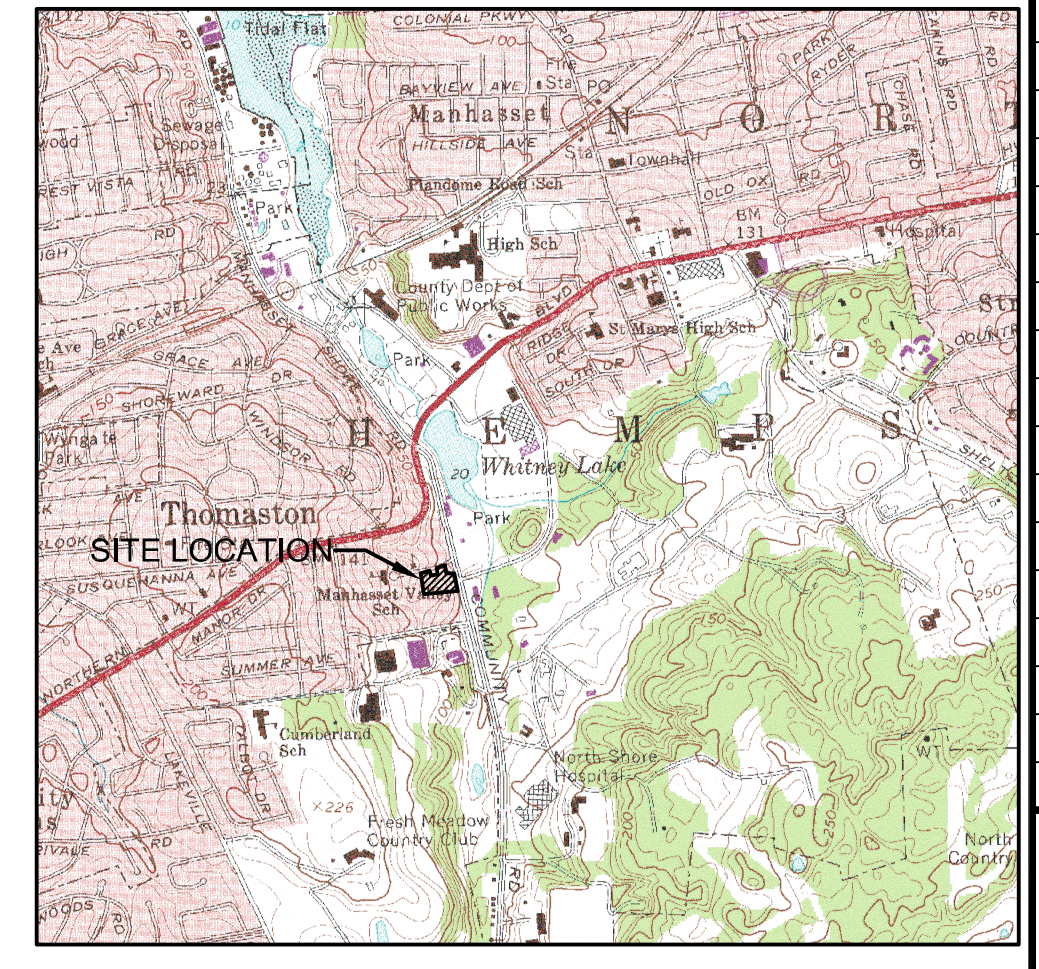


## **APPENDIX C**

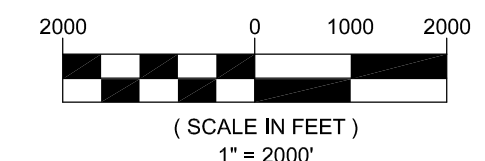
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HIGH STREET



KEY MAP



SIGN SCHEDULE

SIGN DATA TABLE				
QTY.	TEXT	M.U.T.C.D. NO.	SIZE	TYPE OF MOUNT
1		R1-1	30"x30"	GR. MTD.
1		R7-1	12"x18"	GR. MTD.
2		R7-8	12"x18"	GR. MTD.

REVISIONS/ISSUES				
NO.	DATE	BY	CHK	DESCRIPTION
1	9/18/14	MGC	TW	MINOR REVISIONS

ORIENTATION/KEY PLAN

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**TREY WEHRUM, P.E.**  
 PROFESSIONAL ENGINEER  
 NEW YORK LIC. NO. 080671

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**PS&S**  
 1305 FRANKLIN AVENUE  
 GARDEN CITY, NY 11530  
 PHONE: (516) 512-7300  
 FAX: (516) 512-7320

PROJECT  
**PROPOSED 3-STORY  
 MANHASSET SENIOR RESIDENCE**

TOWN OF NORTH HEMPSTEAD  
 NASSAU COUNTY, NEW YORK

SHEET TITLE

**SITE PLAN**

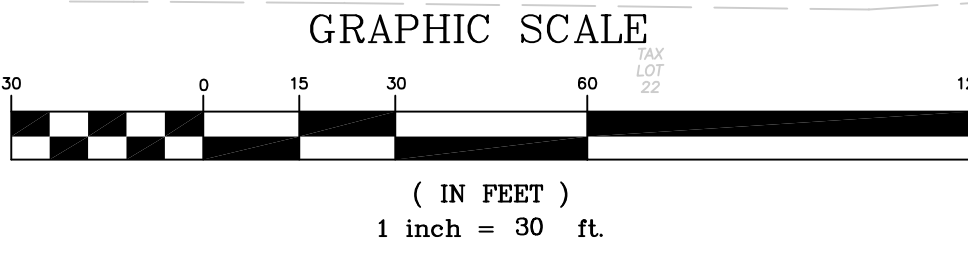
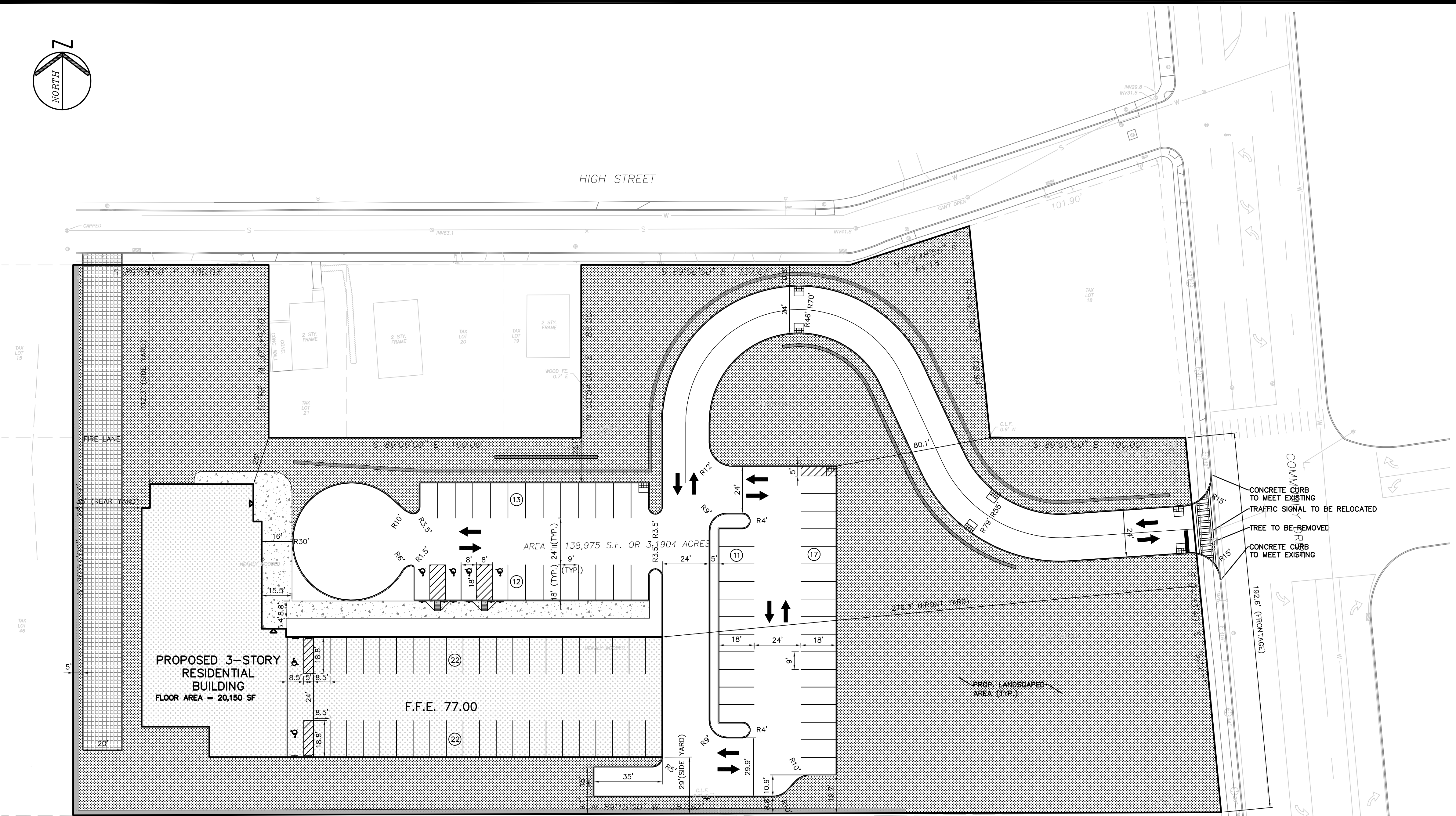
DATE 05/07/2014 JOB NO. 03624.0001

SCALE AS SHOWN B/O

DRAWN MGC SHEET NO.

CHKD. TW **C03**

N.C.T.M. SEC. 2, BLOCK 347, LOTS 16 & 17



LEGEND

PROPOSED	EXISTING

**ZONING DATA:**  
 TOWN OF NORTH HEMPSTEAD, NASSAU COUNTY  
 EXISTING ZONING : RESIDENCE C  
 PROPOSED ZONING : SENIOR RESIDENCE (R-S)  
 TAX MAP: SECTION 2, BLOCK 347, LOTS 16 & 17  
 LOT AREA: 138,975 SF OR 3.19 ACRE  
 PROPOSED USE: SENIOR INDEPENDENT-LIVING FACILITY  
 PROPOSED BUILDING FOOTPRINT AREA: 20,150 SF  
 PROPOSED BUILDING AREA INCLUDING WALLS : 20,582 SF

MIN. LOT SIZE (\$70-95.5.A)  
 MAX. BUILDING COVERAGE (\$70-95.6)  
 MAX. DENSITY (\$70-95.5.A)  
 MIN. FRONTAGE (\$70-95.5.A)  
 MIN. FRONT YARD (\$70-95.8.A)  
 MIN. REAR YARD (\$70-95.8.A)  
 MIN. SIDE YARD (\$70-95.8.A)  
 MAX BLDG HEIGHT (\$70-95.4.A)  
 MAX BLDG STORIES (\$70-95.4.A)  
 MIN. PERIMETER BUFFER ((\$70-95.8.B)

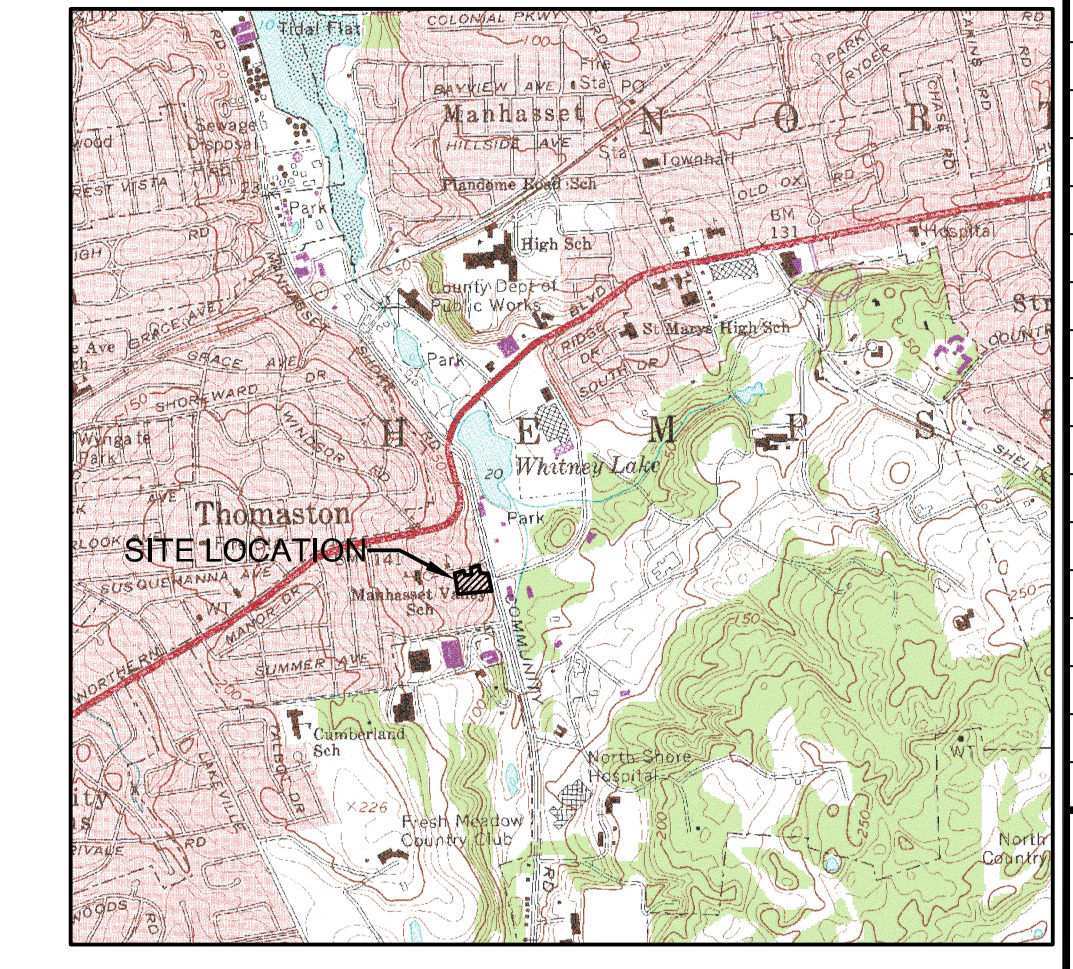
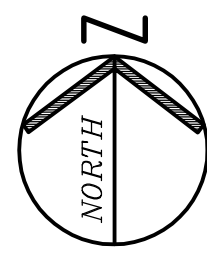
PARKING:  
 DWELLING UNIT (\$70-103A) : 0.67 SPACE PER DWELLING UNIT (72 x 0.67)  
 MIN. PARKING STALL SIZE (\$70-103.B)  
 MIN. ACCESS AISLE SIZE (\$70-103.0)

REQUIRED (R-S)	PROPOSED
2 ACRE	3.19 ACRE *
35%	15%
32 UNITS PER ACRE	22.6 UNITS PER ACRE ( 72 UNITS/3.19 ACRE)
100'	192.61'
NONE	276.3'
NONE	35'
NONE	29' & 25'
45'	45' MAXIMUM
3	3
15'	23.1', 10.8', 8.8' & 5' *
49	97
10' x 20'	8.5' x 18.8' & 9' x 18' *
24'	24'

\* VARIANCE REQUIRED

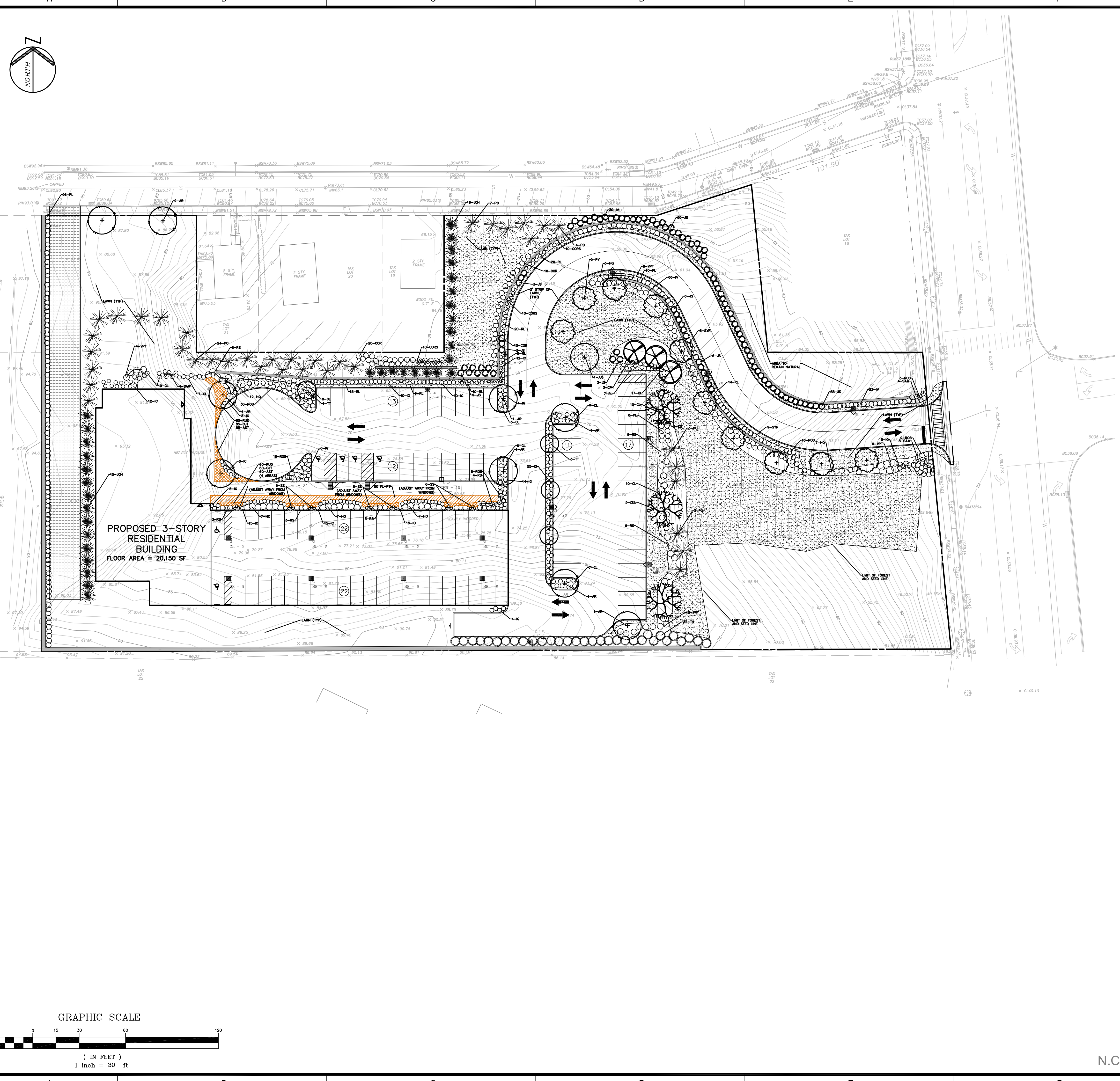
## **APPENDIX D**

---



KEY MAP  
2000 0 1000 2000  
(SCALE IN FEET)  
1" = 2000'

REVISIONS/ISSUES				
NO.	DATE	BY	CHK	DESCRIPTION
1	9/18/14	MGC	TW	MINOR REVISIONS



PLANT LIST						
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE COND	REMARKS	HEIGHT SPREAD
<b>SHADE TREES</b>						
AR	10	<i>Acer rubrum</i> 'Red Sunset'	Red Sunset	4"-5" B & B	Deciduous	50' 20'-35'
PY	10	<i>Prunus x yedoensis</i> 'Yoshino'	Yoshino	4"-5" B & B	Deciduous	25' 10'-20'
CF	3	<i>Cornus florida</i> 'Cherokee Sunset'	Cherokee Sunset	4"-5" B & B	Deciduous	20-30' 20-30'
TT	4	<i>Tilia cordata</i> 'Corinthian'	Linden	4" B & B	Deciduous	50-70' 15' narrow
ZEL	3	<i>Zelkova serrata</i> 'Green Vase'	Japanese Zelkova	2 1/2"-3" B & B	Deciduous	50-60' 40-50'
<b>EVERGREEN TREES</b>						
JCH	37	<i>Juniperus chinensis</i> 'Hetzl Columnaris'	Upright Hetzl Chinese Juniper	6"-10" B & B	Evergreen	10-15' 6'-8'
PO	34	<i>Picea canadensis</i> 'Serbian'	Serbian Spruce	6"-7" B & B	Evergreen	80' 15'
TH	32	<i>Thuja occidentalis</i> 'Nirgro'	Eastern Arborvitae	6"-7" B & B	Evergreen	20-30' 5'-10'
<b>SHRUBS</b>						
IC	80	<i>Ilex crenata</i> 'Soft touch'	Soft touch Japanese Holly	24"-30" B & B	Evergreen	2'-3' 4'
CL	70	<i>Ostrya alifolia</i> 'Hummingbird'	Hummingbird Summersweet	No. 3 Cont.	Deciduous	2 1/2-3 1/2' 3-4'
COR	40	<i>Cornus sericea</i> 'Yellowing Dogwood'	Yellowing Dogwood	5 Gal.	Deciduous	6' 7-9'
CORS	30	<i>Cornus sericea</i> 'Corinthian'	Corinthian Dogwood	5 Gal.	Deciduous	5-6' 6'
HQ	22	<i>Hydrangea</i> 'Snow Queen'	Snow Queen Hydrangeas	3 Gal.	Deciduous	3' 3'
HO	21	<i>Hydrangea macrophylla</i> 'Nikko Blue'	Nikko Blue Bluest Hydrangeas	3 Gal.	Deciduous	4'-5' 4'-5'
IG	137	<i>Ilex crenata</i> 'Green Luster'	Green Luster Holly	30"-36" B & B	Evergreen	3'-4' 3'-4'
IV	119	<i>Ilex verticillata</i> 'Winterberry'	Winterberry	3"-4" HL B & B	Deciduous	4-6' 6'
JS	95	<i>Juniperus scopulorum</i> 'Witchita Blue'	Witchita Blue Juniper	3"-4" HL B & B	Evergreen	15-18' 4'-5'
JSS	21	<i>Juniperus scopulorum</i> 'Skyrocket'	Skyrocket Juniper	5" HL B & B	Evergreen	15' 2'-3'
PL	128	<i>Prunus laurocerasus</i> 'Schlipkaneensis'	Common Laurelherry	18"-24" Hgt B & B	Evergreen	6-7' 6'-10'
RL	87	<i>Rosa</i> 'X. Radosa Pink'	Knockout Rose	15" 3 Gal.	Evergreen	2-3' 3'
ROS	84	<i>Rosa</i> 'Flower Carpet Pink'	Flower Carpet Pink Rose	2 Gal.	Evergreen	3'
RS	42	<i>Rhododendron x 'Schittilion'</i>	Schittilion Rhododendron	18"-24" B & B	Evergreen	4-6' 5'
SYR	14	<i>Syringa x hyacinthiflora</i> 'Excal'	Excal Syringa	7 Gal.	Deciduous	8' 8'
SAW	16	<i>Spiraea x bumalda</i> 'Anthony Waterer'	Anthony Waterer Spiraea	24" No. 7 Cont.	Deciduous	3'-4' 4'-5'
VPT	28	<i>Wormum plicatum</i> 'tomentosum 'Mariesi'	Mariesi Doublefile Viburnum	7 Gal.	Deciduous	6'-8' 8'-10'
<b>PERENNIALS AND ORNAMENTAL GRASSES</b>						
AST	145	<i>Astilbe x thiberitii</i> 'Straussenfeder'	'Straussenfeder' Astilbe	3 Gal.		9-15' spreads freely
CJT	145	<i>Coreopsis</i> 'Jethro Bull'	Jethro Bull Coreopsis	3 Gal.	rose/pink fls	
RUD	145	<i>Rudbeckia fulgida</i> 'Gold Strum'	'Gold Strum' Black Eyed Susan	1 Gal.		
PT	50	<i>Pachyandra terminalis</i>	Japanese Pachyandra	2 1/4" P.P. 50V/lot	Evergreen/CC	6' 6'-12'

ORIENTATION/KEY PLAN

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PROFESSIONAL ENGINEER  
NEW YORK LIC. NO. 080671

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_



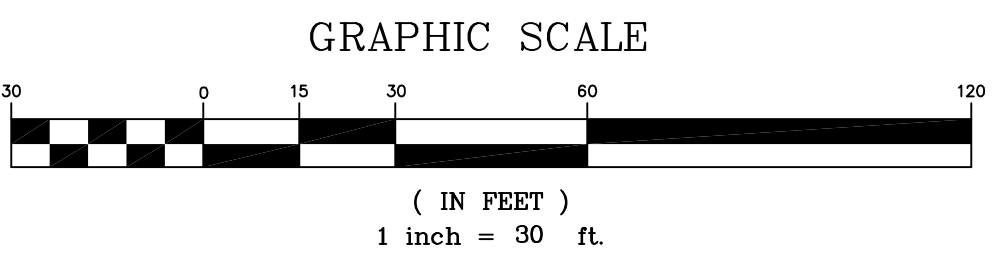
PROJECT  
PROPOSED 3-STORY  
MANHASSET SENIOR RESIDENCE

TOWN OF NORTH HEMPSTEAD  
NASSAU COUNTY, NEW YORK

SHEET TITLE  
LANDSCAPE PLAN

DATE	05/07/2014	JOB NO.	03624.0001
SCALE	AS SHOWN		
DRAWN	MGC	SHEET NO.	
CHKD.	TW		C06

N.C.T.M. SEC. 2, BLOCK 347, LOTS 16 & 17



## **APPENDIX E**

---



Photograph 1: High Street and apartment complex north of Site; view looking northwest from corner of intersection of Hill Street and Community Drive.



Photograph 2: High Street; view looking west from near intersection of High Street and Community Drive.



Photograph 3: View looking north onto Apartment complex located on north side of Hill Street, north of Site.



Photograph 4: Wooded area of the Site; view looking south



Photograph 5: Wooded area of Site; view looking south from High Street



Photograph 6: Overlooking wooded area of Site





Photograph 7: Wooded area of Site; view looking north



Photograph 8: Fallen tree in wooded area of the Site



Photograph 9: Exercise equipment within wooded area of the Site.



Photograph 10: Miscellaneous debris scattered within Site



Photograph 11: Deteriorated asphalt surface area on northwestern portion of the Site; view from Hill Street looking south



Photograph 12: Wooded sloped area of Site; view looking west



Photograph 13: Wooded sloped area of the Site; view looking north



Photograph 14: Monitoring well located approximately 100 feet east of the western property line and 200 feet south of High Street



Photograph 15: Abandoned building located at the southwestern intersection of Community Drive and High Street and adjacent to the Site to the northeast. View looking east. Not included as part of the Site.



Photograph 16: View of the Spinney Hill Apartments south of the Site



Photograph 17: Abandoned building; view looking west from near Community Drive



Photograph 18: Wooded area of Site along Community Drive; view looking west



Photograph 19: Southern wooded area of Site; note fence line along perimeter of Site and Spinney Hill Apartments



Photograph 20: Spinney Hill Apartment complex adjacent to the Site, to the south



Photograph 21: 34 High Street



Photograph 22: 42 High Street





Photograph 24: High Street; view looking west



Photograph 25: Hagedorn Community Center located at 65 High Street; adjacent to the Site to the west



Photograph 26: View facing east onto parking lot of Hagedorn Community Center followed by residential properties situated west of the project site.



Photograph 27: Playground on property of Hagedorn Community Center, situated  
&



Photograph 28: Southwest corner of Hagedorn Community Center



Photograph 29: Potential filler pipe located in the southwest corner of community center



Photograph 30: Close-up of potential filler pipe



Photograph 31: High Street; view looking east



Photograph 32: Mt. Olive Baptist Church located at 43 High Street; north of the Site



Photograph 33: Mt. Olive Baptist Church



Photograph 34: Southern portion of High Street; view looking east



Photograph 35: Pond Hill Road; view looking westward from Community Drive.



Photograph 36: Intersection of Pond Hill Road and Community Drive; view looking northeast onto police precinct situated opposite the Site



Photograph 37: Whitney Pond Park, view facing east from intersection of High St. and Community Dr.



Photograph 38: Community Drive East intersection with Community Drive; view looking northeast onto Macy's signage followed by Whitney Pond Park.



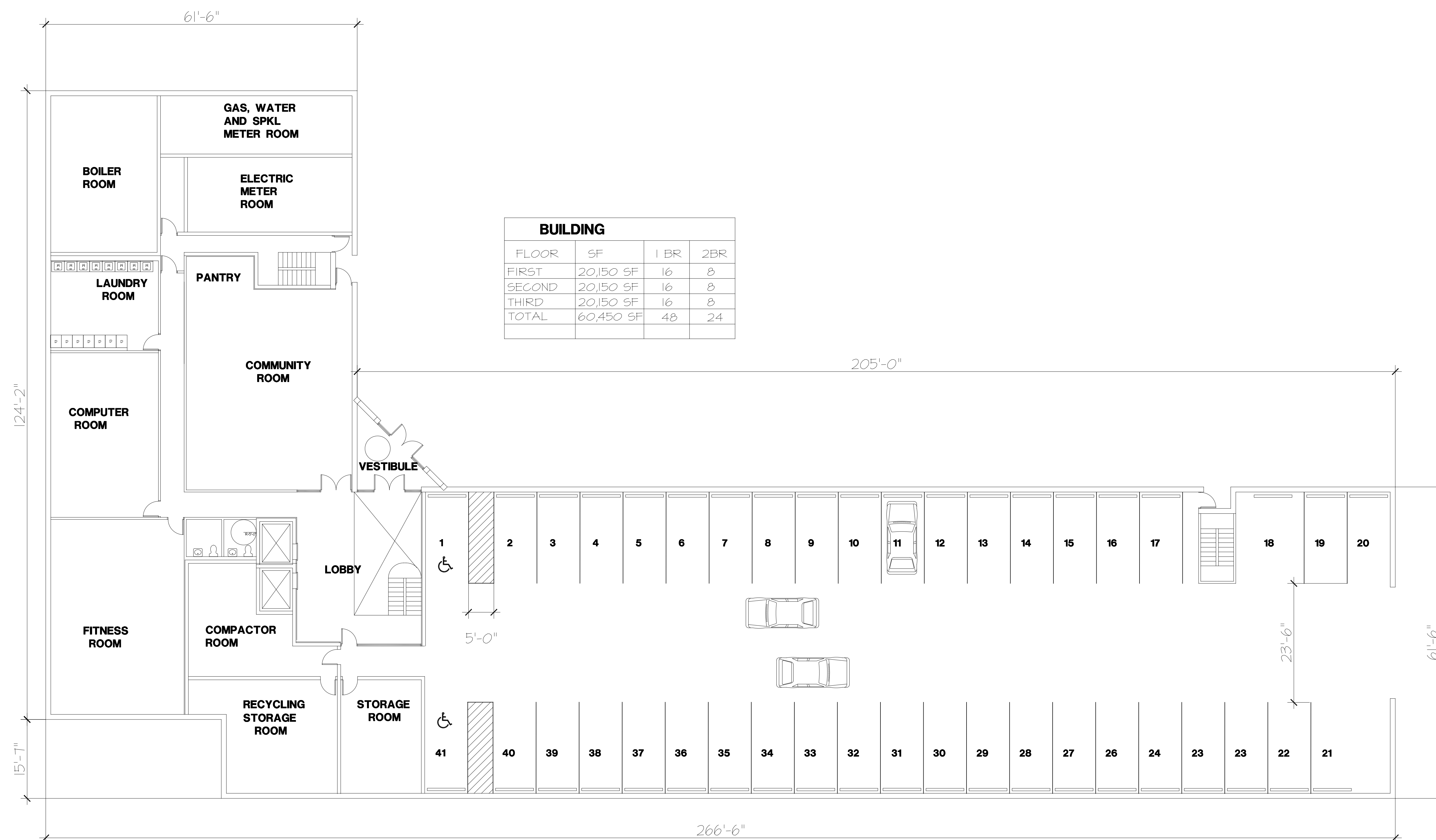
## **APPENDIX F**

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**PROPOSED  
3-STORY  
SENIOR  
RESIDENCE**

**MT.  
OLIVE**

**TOWN OF NORTH  
HEMPSTEAD  
NASSAU COUNTY,  
NEW YORK**



BUILDING			
FLOOR	SF	1 BR	2BR
FIRST	20,150 SF	16	8
SECOND	20,150 SF	16	8
THIRD	20,150 SF	16	8
TOTAL	60,450 SF	48	24

DELACOUR, FERRARA & CHURCH  
ARCHITECTS, P.C.  
91 Atlantic Avenue Brooklyn, New York 11201  
Tel: (718) 237-2862 Fax: (718) 797-0921  
e-mail: DFArchs@aol.com

TITLE  
**GROUND FLOOR PLAN**

SCALE N.T.S.  
PHASE SCHEMATIC DESIGN  
DRAWN BY MS, JV  
CHECKED BY RF, KING  
DATE SEPTEMBER 24, 2014

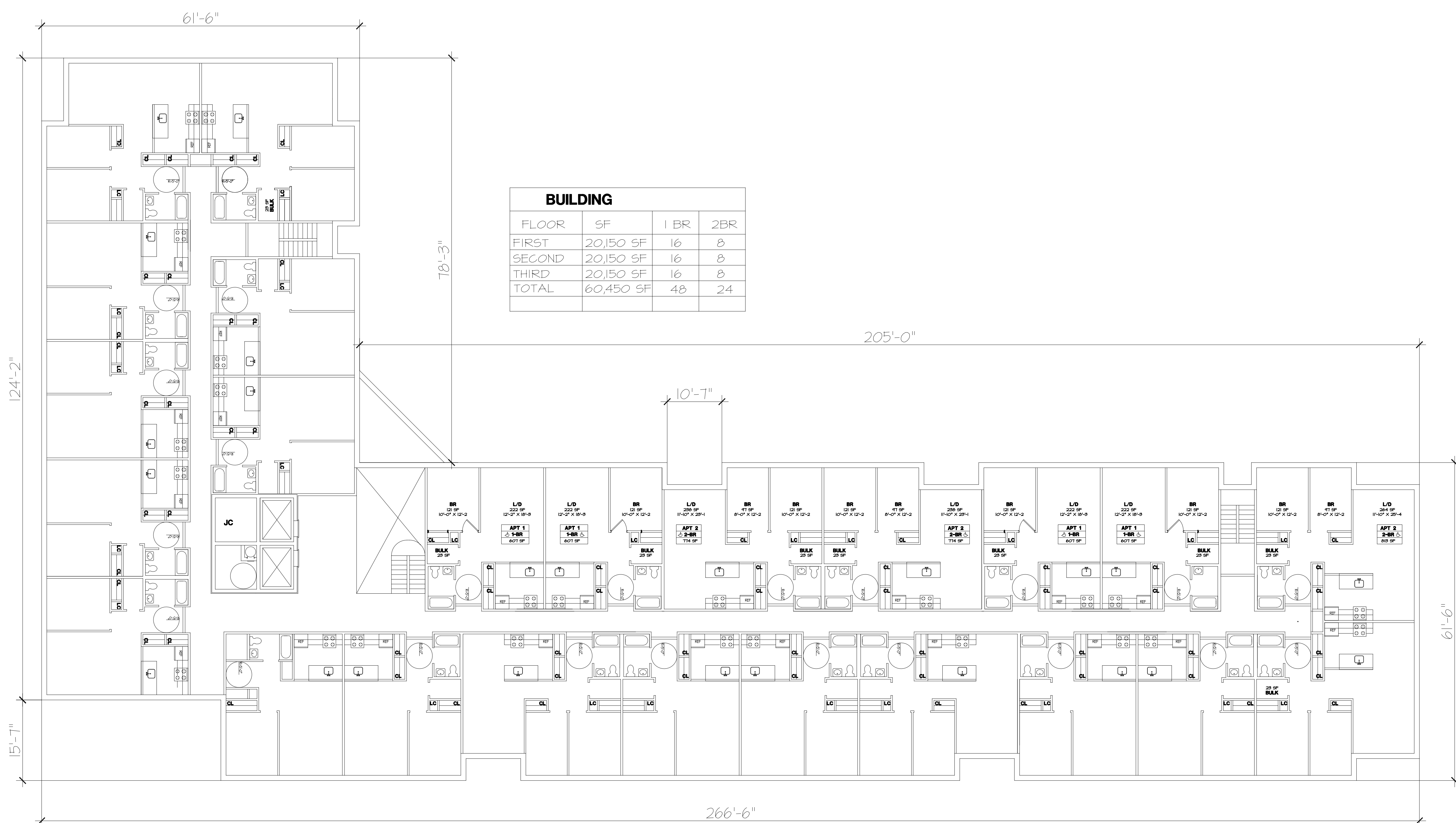
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JOB NO. XX-XXX © 2014

**PROPOSED  
3-STORY  
SENIOR  
RESIDENCE**

**MT.  
OLIVE**

**TOWN OF NORTH  
HEMPSTEAD  
NASSAU COUNTY,  
NEW YORK**



BUILDING			
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SECOND	20,150 SF	16	8
THIRD	20,150 SF	16	8
TOTAL	60,450 SF	48	24

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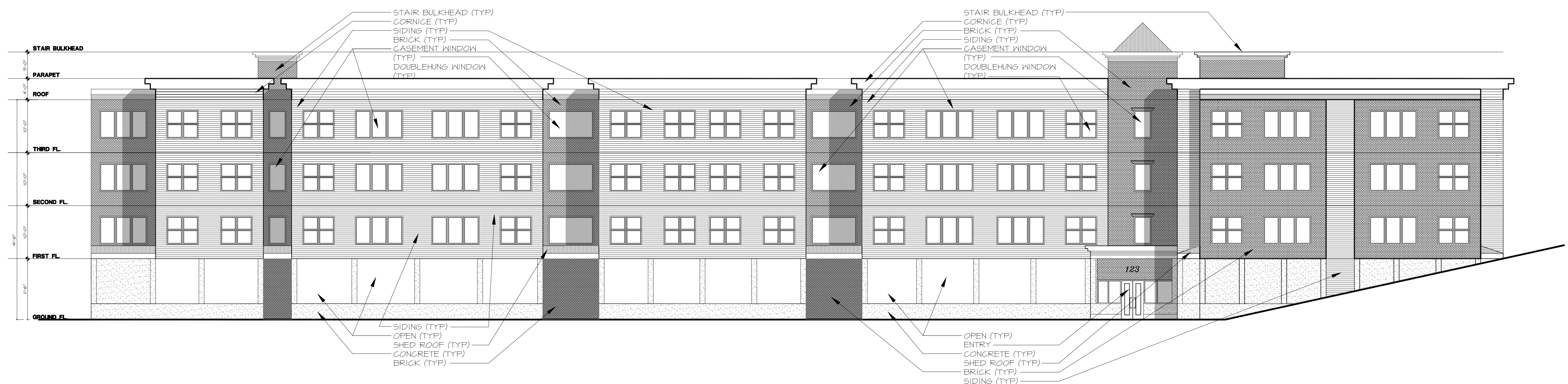
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**TYPICAL FLOOR PLAN**  
SCALE N.T.S.  
PHASE SCHEMATIC DESIGN  
DRAWN BY MS, JV  
CHECKED BY RF, KING  
DATE SEPTEMBER 24, 2014

DRAWING NO.  
JOB NO. XX-XXX © 2014

**PROPOSED  
3-STORY  
SENIOR  
RESIDENCE**

**MT.  
OLIVE**

**TOWN OF NORTH  
HEMPSTEAD  
NASSAU COUNTY,  
NEW YORK**



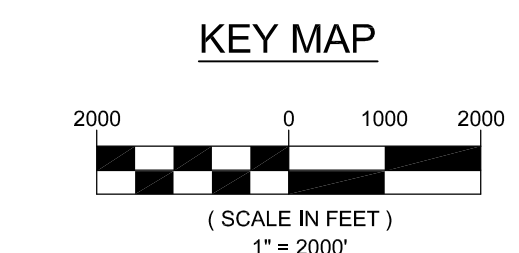
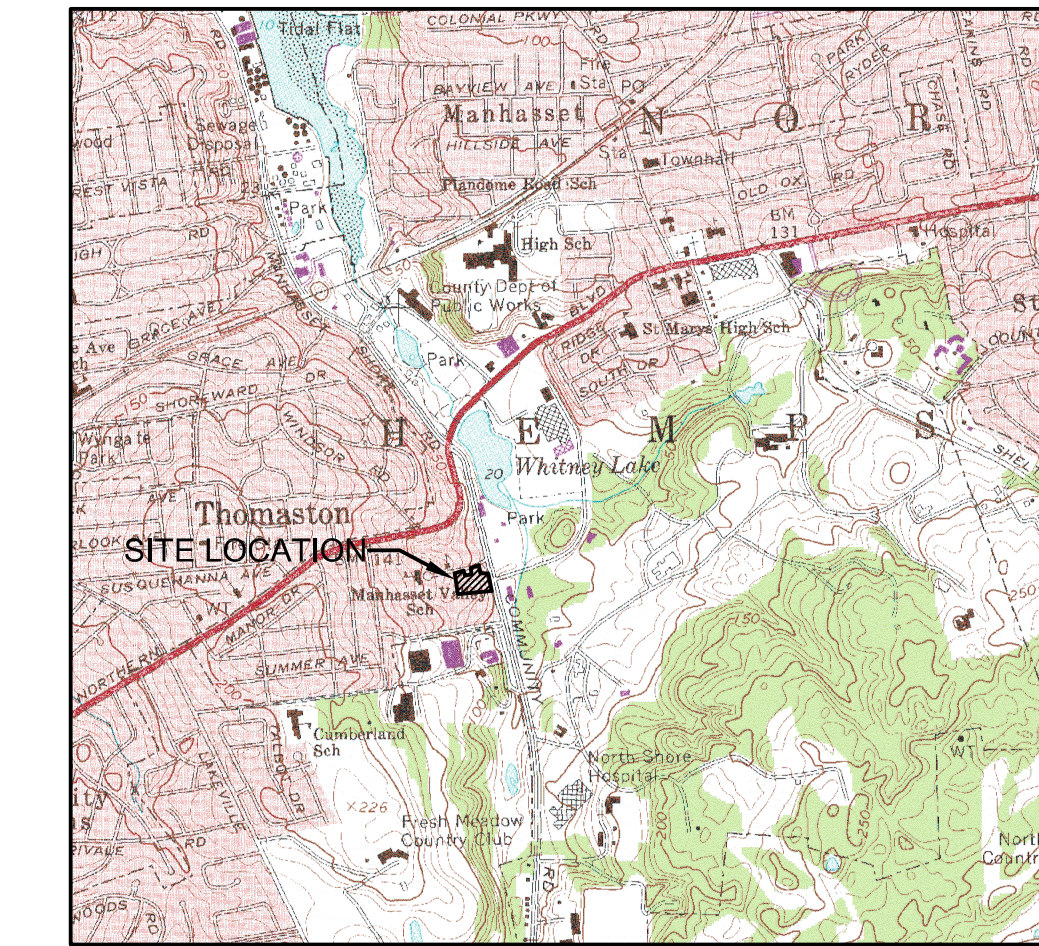
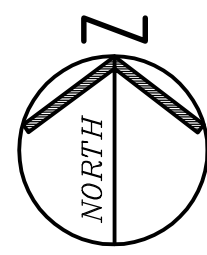
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ARCHITECTS, P.C.  
91 Atlantic Avenue Brooklyn, New York 11201  
Tel (718) 237-2862 Fax (718) 797-0921  
e-mail: DFArchs@aol.com

TITLE  
**FRONT  
EXTERIOR ELEVATION**  
SCALE N.T.S.  
PHASE SCHEMATIC DESIGN  
DRAWN BY MS, JV  
CHECKED BY RF, KING  
DATE SEPTEMBER 24, 2014

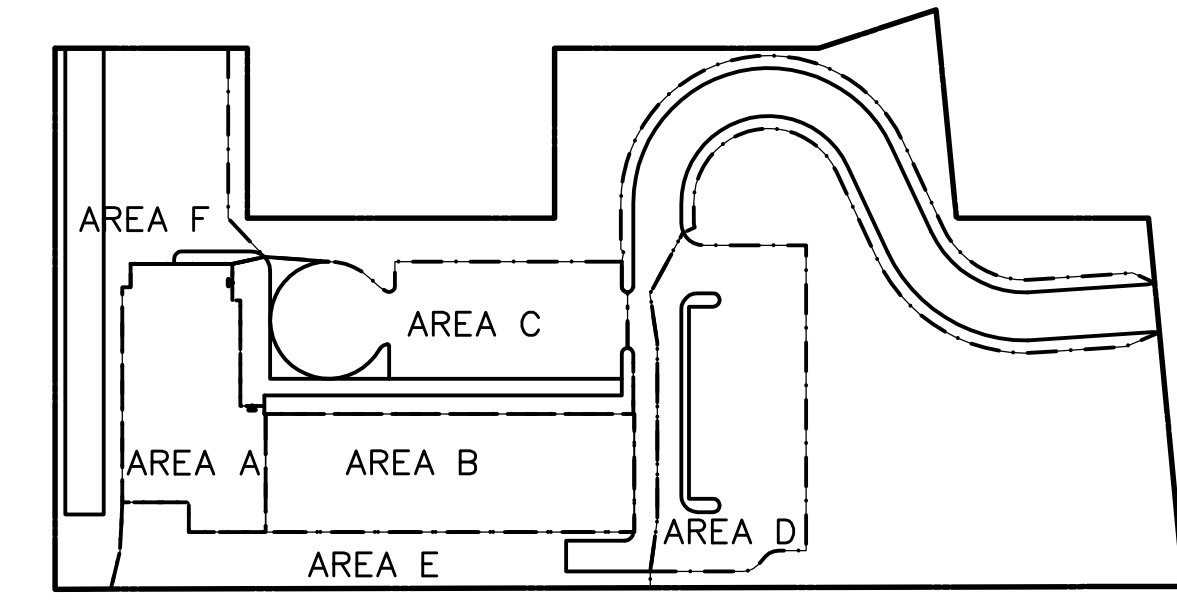
DRAWING NO.  
JOB NO. XX-XXX © 2014

## **APPENDIX G**

---



**DRAINAGE AREA MAP**



REVISIONS/ISSUES				
NO.	DATE	BY	CHK	DESCRIPTION
1	9/18/14	MGC	TW	MINOR REVISIONS

ORIENTATION/KEY PLAN

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 PROFESSIONAL ENGINEER  
 NEW YORK LIC. NO. 080671

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**PS&S**  
 1305 FRANKLIN AVENUE  
 GARDEN CITY, NY 11530  
 PHONE: (516) 512-7300  
 FAX: (516) 512-7320

PROJECT  
**PROPOSED 3-STORY  
 MANHASSET SENIOR RESIDENCE**

TOWN OF NORTH HEMPSTEAD  
 NASSAU COUNTY, NEW YORK

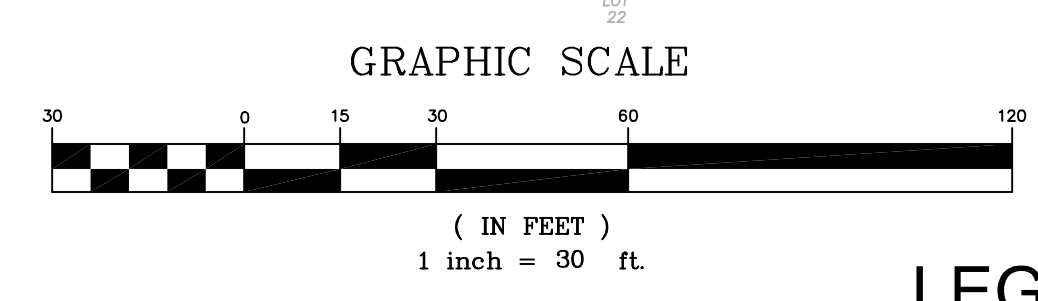
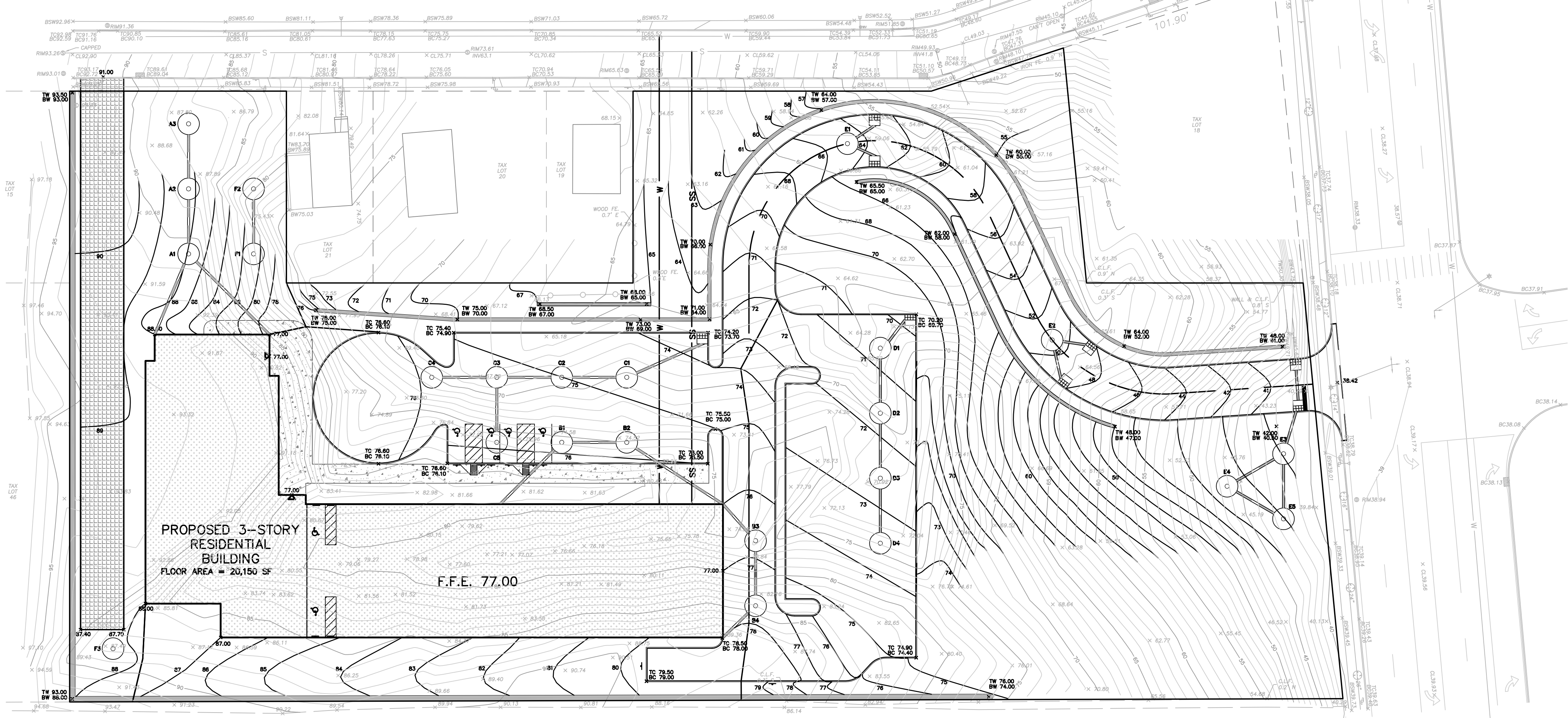
SHEET TITLE  
**GRADING AND  
 DRAINAGE PLAN**

DATE 05/07/2014 JOB NO. 03624.0001

SCALE AS SHOWN B/O

DRAWN MGC SHEET NO. **C04**

CHKD. TW



**LEGEND**

- |                 |  |   |
|-----------------|--|---|
| <b>PROPOSED</b> | <ul style="list-style-type: none"> <li>TC 90.00 TOP OF CURB ELEVATION</li> <li>BC 89.50 BOTTOM OF CURB ELEVATION</li> <li>TW 99.00 TOP OF WALL ELEVATION</li> <li>BW 90.40 BOTTOM OF WALL ELEVATION</li> <li>90.50 SPOT GRADE</li> <li>85 PROPOSED CONTOUR ELEVATION</li> </ul>  | <ul style="list-style-type: none"> <li>CHAIN LINK FENCE</li> <li>ESTATE/IRON FENCE</li> <li>WOOD FENCE</li> <li>SEWER LINE</li> <li>WATER LINE</li> <li>UTILITY/LIGHT POLES</li> <li>UTILITY POLE</li> <li>GUY</li> <li>DRAIN MANHOLE</li> <li>CATCH BASIN INLETS</li> <li>GAS VALVE</li> <li>SEWER MANHOLE</li> <li>TRAFFIC SIGNAL POLE</li> <li>WALK SIGNAL POLE</li> <li>WATER MANHOLE</li> <li>FIRE HYDRANT</li> <li>UNKNOWN MANHOLE</li> <li>SIGNS</li> <li>TREE</li> <li>HEDGE</li> </ul> |
| <b>EXISTING</b> | <ul style="list-style-type: none"> <li>CL100.00 CENTERLINE OF ROAD ELEV.</li> <li>TC100.00 TOP OF CURB ELEV.</li> <li>BC100.00 BOT. OF CURB ELEV.</li> <li>BSW100.00 BACK OF SIDEWALK ELEV.</li> <li>TW100.00 TOP OF WALL ELEV.</li> <li>BW100.00 BOT. OF WALL ELEV.</li> <li>100.00 SPOT ELEVATION</li> <li>100 CONTOUR WITH ELEVATION</li> </ul> |   |

**DRAINAGE CALCULATIONS**

**DESIGN CRITERIA**

1. Runoff Coefficients

Pavement Area = 1

Roof Area = 1

Landscape Area = 0.3

2. Provide Storage for 5" Rainfall for the Entire Site

DRAINAGE AREA	TRIBUTARY AREAS (IN SQUARE FEET)	STORAGE VOLUME REQUIRED (IN CUBIC FEET)	TOTAL STORAGE VOLUME REQUIRED (IN CUBIC FEET)	TOTAL STORAGE VOLUME REQUIRED (IN LINEAR FEET)	DRYWELL SCHEDULE
AREA A	PAVEMENT AREA	-	3,658.33	53.48	3 X 10" DRYWELL @ 18" EFF. DEPTH
	ROOF AREA	8,780.00			
	LANDSCAPE AREA	-			
AREA B	PAVEMENT AREA	-	4,917.50	71.89	4 X 10" DRYWELL @ 18" EFF. DEPTH
	ROOF AREA	11,802.00			
	LANDSCAPE AREA	-			
AREA C	PAVEMENT AREA	13,271.00	5,529.58	82.84	5 X 10" DRYWELL @ 17" EFF. DEPTH
	ROOF AREA	-			
	LANDSCAPE AREA	1,094.00			
AREA D	PAVEMENT AREA	12,327.00	5,136.25	75.09	5 X 10" DRYWELL @ 16" EFF. DEPTH
	ROOF AREA	-			
	LANDSCAPE AREA	-			
AREA E	PAVEMENT AREA	12,026.00	5,010.83	96.63	5 X 10" DRYWELL @ 20" EFF. DEPTH
	ROOF AREA	-			
	LANDSCAPE AREA	12,787.00			
AREA F	PAVEMENT AREA	5,124.00	2,135.00	51.51	3 X 10" DRYWELL @ 18" EFF. DEPTH
	ROOF AREA	-			
	LANDSCAPE AREA	11,108.00			

## **APPENDIX H**

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AUG 13 2014

August 5, 2014  
03624.0001

Ms. Christina Nathan  
PSEG  
175 East Old Country Road  
Hicksville, NY 11801

Education

Energy Utility

Hospitality

Public Sector

Real Estate

Science & Technology

RE: Olive Hill Apartment Development  
High Street and Community Drive  
Manhasset, New York  
Nassau County Land and Tax map: Section 2, Block 347, Lots 16 and 17

Dear Ms. Nathan:

PS&S is preparing an environmental review for a proposed age-restricted senior housing development on a 3.19-acre property, located on the west side of Community Drive (south of High Street) in the hamlet of Manhasset, Town of North Hempstead. The Site Alignment Plan for the above referenced property is enclosed herein. The proposed development will require a connection to the existing electrical services.

The proposed action involves rezoning the subject property from Residence C (RC) to Senior Residence (RS) to allow for the construction of a senior residential building (60,450± gross square feet) that will contain a total of 72 units (i.e., 48 one-bedroom units and 24 two-bedroom units). In addition, the proposed action includes the installation of a parking facility, an emergency access lane and associated appurtenances and landscaping.

As part of the environmental, the availability of electric services in this location is to be included and I would appreciate your assistance in this regard.

Please provide our office with the following:

1. A letter verifying the availability for electric services in this location.
2. Any location maps of the existing mains and services within the adjacent right-of-way.
3. Copies of the required applications that must be filed with your office.
4. The estimate of cost associated with the utility connections as well as they typical timeframes associated with the utility connections.

Please note, that all information requested above is for planning purposes only.

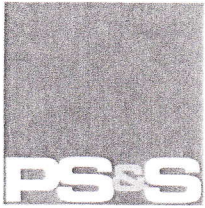
1305 Franklin Avenue  
Suite 302  
Garden City, NY 11530

t. 516.512.7300

www.psands.com

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Ms. Christina Nathan  
Long Island Power Authority  
August 5, 2014  
Page 2 of 2

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Please feel free to call me if there is any additional information that may be required or if there are any questions. Thank you in advance for your cooperation.

Very Truly Yours,

PS&S ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Trey Wehrum', is written over the typed name.

Trey Wehrum, P.E.  
Associate

Enclosure: Site Alignment Plan



August 5, 2014  
03624.0001

Manhasset Lakeville Fire Department  
170 East Shore Road  
Manhasset, New York 11021

Education

Attn: Chief Michael Farrone

Energy Utility

RE: Olive Hill Apartments Development

Hospitality

High Street and Community Drive  
Manhasset, New York

Public Sector

Nassau County Land and Tax map: Section 2, Block 347, Lots 16 and 17

Real Estate

Dear Chief Farrone:

Science & Technology

PS&S is preparing an environmental review for a proposed age-restricted senior housing development on a 3.19-acre property, located on the west side of Community Drive (south of High Street) in the hamlet of Manhasset, Town of North Hempstead. The Proposed Site Alignment Plan is enclosed herewith for your reference. The project site is currently vacant and is predominantly occupied by natural vegetation, i.e., woodland and grass.

The proposed action involves rezoning the subject property from Residence C (RC) to Senior Residence (RS) to allow for the construction of a senior residential building (60,450± gross square feet) that will contain a total of 72 units (i.e., 48 one-bedroom units and 24 two-bedroom units). In addition, the proposed action includes the installation of a parking facility, an emergency access lane and associated appurtenances and landscaping.

As part of the environmental review, we are analyzing the impacts this future development may pose on your department's capabilities and respectfully request your assistance in providing available resources to accommodate this future need.

Thank you for your time with this matter. Your expeditious reply will be greatly appreciated.

PS&S ENGINEERING, INC.

Trey Wehrum, P.E.  
Associate  
Enclosure: Site Alignment Plan

1305 Franklin Avenue  
Suite 302  
Garden City, NY 11530

t. 516.512.7300

[www.psands.com](http://www.psands.com)

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August 5, 2014  
03624.0001

Nassau County Police Department Third Precinct  
Third North Subdivision  
214 Hillside Avenue  
Williston Park, New York 11596

Education

Energy Utility

Hospitality

Public Sector

Real Estate

Attn: Commanding Officer Inspector Sean M. McCarthy

RE: Olive Hill Apartment Development  
High Street and Community Drive  
Manhasset, New York  
Nassau County Land and Tax map: Section 2, Block 347, Lots 16 and 17

Science & Technology

Dear Commanding Officer Inspector McCarthy,

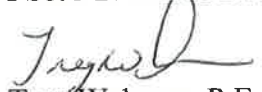
PS&S is preparing an environmental review for a proposed age-restricted senior housing development on a 3.19-acre property, located on Community Drive (south of High Street) in the hamlet of Manhasset, Town of North Hempstead. The Proposed Site Plan is enclosed herein for your reference. The project site is currently vacant and is predominantly occupied by natural vegetation, i.e., woodland and grass.

The proposed action involves rezoning the subject property from Residence C (RC) to Senior Residence (RS) to allow for the construction of a senior residential building (60,450± gross square feet) that will contain a total of 72 units (i.e., 48 one-bedroom units and 24 two-bedroom units). In addition, the proposed action includes the installation of a parking facility, an emergency access lane and associated appurtenances and landscaping.

As part of the environmental review, it is our wish to know the impact this future development poses on your department's capabilities and more specifically if your department has the available resources to accommodate this future need.

Thank you for your time with this matter. Your expeditious reply will be greatly appreciated.

PS&S ENGINEERING, INC.



Trey Wehrum, P.E.

Associate  
Enclosure: Alignment Plan

1305 Franklin Avenue  
Suite 302  
Garden City, NY 11530

t. 516.512.7300

[www.psands.com](http://www.psands.com)

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August 5, 2014  
03624.0001

Mr. Christopher D. Murphy, Superintendent  
Great Neck Water Pollution Control District  
236 East Shore Road  
Great Neck, NY 11023

Education

Energy Utility

Hospitality

Public Sector

Real Estate

Science & Technology

Re: Olive Hill Apartment Development  
High Street and Community Drive  
Manhasset, New York  
Nassau County Land and Tax map: Section 2, Block 347, Lots 16 and 17

Dear Mr. Murphy:

PS&S is preparing an environmental review for a proposed age-restricted senior housing development on a 3.19-acre property, located on the west side of Community Drive (south of High Street) in the hamlet of Manhasset, Town of North Hempstead. The Alignment Plan is enclosed herewith for your reference. The project site is currently vacant and is predominantly occupied by natural vegetation, i.e., woodland and grass.

The proposed action involves rezoning the subject property from Residence C (RC) to Senior Residence (RS) to allow for the construction of a senior residential building (60,450± gross square feet) that will contain a total of 72 units (i.e., 48 one-bedroom units and 24 two-bedroom units). In addition, the proposed action includes the installation of a parking facility, an emergency access lane and associated appurtenances and landscaping.

Based on the Nassau County Health Department minimum design flow rates, a two bedroom unit should be designed for 475 gallons per day (gpd) and one bedroom unit for 275 gpd. Therefore, the estimated flow rate for the dwelling units is 24,600 gpd (24 units x 475 gpd/unit and 48 units x 275 gpd/unit). Please note that the development proposes to utilize water saving and low-flow fixtures.

Please provide our office with the following:

1. A letter of sewer availability indicating that Great Neck Water Pollution Control District has the capacity to serve the proposed total number of units.
2. Copies of any location maps of the existing mains and services within the adjacent right-of-way
3. Copies of required applications that must be filed with your office.

1305 Franklin Avenue  
Suite 302  
Garden City, NY 11530

t. 516.512.7300

[www.psands.com](http://www.psands.com)

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Mr. Christopher Murphy  
Great Neck Water Pollution Control District  
August 5, 2014  
Page 2 of 2

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We would also be interested in estimating the cost associated with the utility connections and the typical timeframes associated with the utility connections. Please note that all information requested above is for planning proposes only.

Please feel free to contact me if there is any additional information that may be required or if there are any questions. Thank you in advance for your cooperation.

Sincerely,

PS&S ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Trey Wehrum', is written over a light blue horizontal line.

Trey Wehrum, P.E.  
Associate

Enclosure: Alignment Plan



August 5, 2014  
03624.0001

Ms. Christina Nathan  
PSEG  
175 East Old Country Road  
Hicksville, NY 11801

Education

Energy Utility

Hospitality

Public Sector

Real Estate

Science & Technology

RE: Olive Hill Apartment Development  
High Street and Community Drive  
Manhasset, New York  
Nassau County Land and Tax map: Section 2, Block 347, Lots 16 and 17

Dear Ms. Nathan:

PS&S is preparing an environmental review for a proposed age-restricted senior housing development on a 3.19-acre property, located on the west side of Community Drive (south of High Street) in the hamlet of Manhasset, Town of North Hempstead. The Site Alignment Plan for the above referenced property is enclosed herein. The proposed development will require a connection to the existing electrical services.

The proposed action involves rezoning the subject property from Residence C (RC) to Senior Residence (RS) to allow for the construction of a senior residential building (60,450± gross square feet) that will contain a total of 72 units (i.e., 48 one-bedroom units and 24 two-bedroom units). In addition, the proposed action includes the installation of a parking facility, an emergency access lane and associated appurtenances and landscaping.

As part of the environmental, the availability of electric services in this location is to be included and I would appreciate your assistance in this regard.

Please provide our office with the following:

1. A letter verifying the availability for electric services in this location.
2. Any location maps of the existing mains and services within the adjacent right-of-way.
3. Copies of the required applications that must be filed with your office.
4. The estimate of cost associated with the utility connections as well as they typical timeframes associated with the utility connections.

Please note, that all information requested above is for planning purposes only.

1305 Franklin Avenue  
Suite 302  
Garden City, NY 11530

t. 516.512.7300

[www.psands.com](http://www.psands.com)

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Ms. Christina Nathan  
Long Island Power Authority  
August 5, 2014  
Page 2 of 2

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Please feel free to call me if there is any additional information that may be required or if there are any questions. Thank you in advance for your cooperation.

Very Truly Yours,

PS&S ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Trey Wehrum', is written over a light gray horizontal line.

Trey Wehrum, P.E.  
Associate

Enclosure: Site Alignment Plan



August 5, 2014  
03624.0001

Mr. Daniel Ruiz  
National Grid  
175 East Old Country Road  
Hicksville, NY 11801

Education

Energy/Utility

Hospitality

Public Sector

Real Estate

Science & Technology

RE: Olive Hill Apartment Development  
High Street and Community Drive  
Manhasset, New York  
Nassau County Land and Tax map: Section 2, Block 347, Lots 16 and 17

Dear Mr. Ruiz:

PS&S is preparing an environmental review for a proposed age-restricted senior housing development on a 3.19-acre property, located on Community Drive (south of High Street) in the hamlet of Manhasset, Town of North Hempstead. The proposed development will require a connection to the existing gas services. The Proposed Site Alignment Plan is enclosed herein for your reference.

The proposed action involves rezoning the subject property from Residence C (RC) to Senior Residence (RS) to allow for the construction of a senior residential building (60,450 gross square feet) that will contain a total of 72 units (i.e., 48 one-bedroom units and 24 two-bedroom units). In addition, the proposed action includes the installation of a parking facility, an emergency access lane and associated appurtenances and landscaping.

As part of the environmental review, the availability of gas services in this location is to be included and I would appreciate your assistance in this regard.

Please provide our office with the following:

1. A letter verifying the availability for gas services in this location.
2. Any location maps of the existing mains and services within the adjacent right-of-way.
3. Copies of the required applications that must be filed with your office.
4. The estimate of cost associated with the utility connections as well as they typical timeframes associated with the utility connections.

Please note, that all information requested above is for planning purposes only.

1305 Franklin Avenue  
Suite 302  
Garden City, NY 11530

t. 516.512.7300

[www.psands.com](http://www.psands.com)

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Mr. Daniel Ruiz  
National Grid  
August 5, 2014  
Page 2 of 2

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Please feel free to call me if there is any additional information that may be required or if there are any questions. Thank you in advance for your cooperation.

Very Truly Yours,

PS&S ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Trey Wehrum', is written over the typed name.

Trey Wehrum, P.E.  
Associate

Enclosure: Site Alignment Plan



August 5, 2014  
03624.0001

Mr. Paul J. Schrader, P.E.  
Superintendent  
Manhasset-Lakeville Water District  
170 East Shore Road  
Great Neck, New York 11023

Education

Energy Utility

Hospitality

Public Sector

Real Estate

Re: Mt. Olive Senior Residence Development  
High Street and Community Drive  
Manhasset, New York  
Nassau County Land and Tax map: Section 2, Block 347, Lots 16 and 17

Science & Technology

Dear Mr. Schrader:

PS&S is preparing an environmental review for a proposed age-restricted senior housing development on a 3.19-acre property, located on the west side of Community Drive (south of High Street) in the hamlet of Manhasset, Town of North Hempstead. The Alignment Plan is enclosed herewith for your reference. The project site is currently vacant and is predominantly occupied by natural vegetation, i.e., woodland and grass.

The proposed action involves rezoning the subject property from Residence C (RC) to Senior Residence (RS) to allow for the construction of a senior residential building (60,450± gross square feet) that will contain a total of 72 units (i.e., 48 one-bedroom units and 24 two-bedroom units). In addition, the proposed action includes the installation of a parking facility, an emergency access lane and associated appurtenances and landscaping.

The proposed development will require a domestic water connection to service the proposed housing.

Based on the Nassau County Health Department minimum design flow rates, a two bedroom unit should be designed for 475 gallons per day (gpd) and one bedroom unit for 275 gpd. Therefore, the estimated flow rate for the dwelling units is 24,600 gpd (24 units x 475 gpd/unit and 48 units x 275 gpd/unit). Please note that the development proposes to utilize water saving and low-flow fixtures.

Please provide our office with the following:

1. A letter of water availability indicating that Manhasset-Lakeville Water District has the capacity to serve the proposed number of units.

1305 Franklin Avenue  
Suite 302  
Garden City, NY 11530

t. 516.512.7300

[www.psands.com](http://www.psands.com)

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Mr. Paul Schrader  
Manhasset-Lakeville Water District  
August 5, 2014  
Page 2 of 2

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2. Copies of any location maps of the existing mains and services within the adjacent right-of-way
3. Copies of required applications that must be filed with your office.

We would also be interested in estimating the cost associated with the utility connections and the typical timeframes associated with the utility connections. Please note that all information requested above is for planning proposes only.

Please feel free to contact me if there is any additional information that may be required or if there are any questions. Thank you in advance for your cooperation.

Sincerely,

PS&S ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Trey Wehrum', is written over a light blue horizontal line.

Trey Wehrum, P.E.  
Associate

Enclosure: Alignment Plan



architects + engineers

538 Broad Hollow Road, 4<sup>th</sup> Floor East  
Melville, NY 11747

tel 631.756.8000  
fax 631.694.4122

October 16, 2014

Mr. Trey Wehrum  
PS&S  
1305 Franklin Avenue, Suite 302  
Garden City, NY 11530

**Re: Manhasset-Lakeville Water District  
Request for Water Service  
Mount Olive Senior Residence – High St. & Community Dr.  
H2M Project No.: MLWD 14-50**

Dear Mr. Wehrum:

Our firm is the consulting engineer for the Manhasset-Lakeville Water District and has been directed to respond to your request for water service. Based on the anticipated water demand of the proposed apartment complex located at the above referenced address, domestic and fire water service is available for the development. This correspondence can be considered a "letter of water availability" contingent on the developer of the property signing a developer's agreement for a main extension with the District.

We understand that the proposed development will consist of one 3-story apartment building with a total of seventy-two units, a parking facility, and an emergency access lane. The seventy-two units will include forty-eight one-bedroom units and twenty-four two-bedroom units. The developer is proposing to connect the future water services to an existing water main on High Street. The estimated flow rate for the units is 24,600 gallons per day for domestic purposes. The District maintains a dead-end, 6-inch cast iron water main on High Street. On October 8, 2014 District personnel performed a flow test on High Street to determine the available fire flow to the proposed development. The flow test indicated that there was 900 gpm fire flow available with a 20 psi residual remaining in the system. Results of this test are included with this letter.

In order to service the proposed building, the District will require the following improvements to the water main facilities in the vicinity of the proposed development:

1. Installation of approximately 600 feet of new 8-inch cement-lined ductile iron main on High Street from Community Drive to the westerly most property line of the proposed development including valves and hydrants. This new main will replace the existing 6-inch unlined cast iron water main that is known to be tuberculated.
2. Install approximately 300 feet of new 8-inch water main from the existing termination point on High Street to Cherry Brook Place. In order to accomplish this installation, it will be required that a 15-foot wide water main easement dedicated to the Manhasset Lakeville Water District be secured from the property owners of 65 High Street (Section 2, Block 347, Lot 15) and 11 Cherry Brook Place (Section 2, Block 347, Lot 39). This main will serve to satisfy Health Department requirements prohibiting dead-end water mains. The looped water main will also provide the property with a redundant feed and improve fire flow.
3. The individual service lines to the building shall be connected to the proposed water main on High Street. Proposed water and fire sprinkler service sizes were not provided. The owner is responsible for sizing of the water service lines. A 1-inch service is the minimum size permitted by the District.

On behalf of the District, H2M handles the design and preparation of plans and specifications for a municipal public bid contract and the construction related aspects of the project. The costs associated with the design and construction of the proposed water main, including associated engineering fees, legal fees, easement fees and contingencies, will be the responsibility of the property owner. At this time, we estimate the preliminary total cost of the water main installation to be \$300,000.



In order to initiate the design documents, a deposit representing 20% of the total estimated cost must be made to the Manhasset-Lakeville Water District to fund the project and open an escrow account. Therefore, a deposit of \$60,000 is required to proceed with the work. We recommend that this deposit is made approximately six (6) months prior to the site needing water main in order that the appropriate approvals can be obtained from the Nassau County Department of Health Services.

Once the design of the new water system is complete and approved by the Health Department, the District will publically bid the project and award the work to the lowest responsible bidder. Once the bids are received, you will be notified of the project costs, which will have to be provided by the owner to the District for the funding of the project. No work will proceed until all costs for construction, engineering, legal, and contingencies are deposited with the District.

Please note, the District requires separate fire and domestic water service lines, originating from the supply main, to serve the building. In accordance with District requirements a new meter and double check valve is required for the domestic water line and a new double detector check assembly is required for the fire sprinkler line. The owner is responsible for the preparation of detailed drawings of the proposed backflow system and the subsequent submission to the District and Nassau County Department of Health.

Along with the requested deposit, the following items shall be submitted to the Water District:

1. A current site utility and grading and drainage plan.
2. An agreement from the property owners granting the appropriate easements.
3. The proposed domestic and fire sprinkler service sizes.

In addition to the above, the Manhasset-Lakeville Water District will supply water to the subject property after compliance with the following:

- A. Execution of a Developer's Agreement.
- B. Payment of the filing fee. This fee is currently \$100.00 per metered service connection. The developer is also required to purchase the water meters from the District. The cost for this equipment can be determined upon the owner / developer providing the required water service sizes.
- C. All other requirements of the Manhasset-Lakeville Water District.

To assist you, the general requirements of the District for fire and domestic services are attached for your use. You are also advised that the New York State and Town Plumbing Codes have banned the use of lead solder for home plumbing. Water saving plumbing fixtures including toilets, shower heads and faucets are required in all new construction by State law.

If you should have any questions in this matter please contact this office.

Very truly yours,  
**H2M Architects + Engineers**

A handwritten signature in black ink, appearing to read 'John R. Collins, P.E.', written over a printed name.

John R. Collins, P.E.

cc: Board of Commissioners  
Supt. Paul Schrader, P.E.  
Christopher J. Prior, Esq.

**Nassau County**



OCT 1 2014  
**Police Department**

Edward P. Mangano  
COUNTY EXECUTIVE

1490 Franklin Avenue  
Mineola, New York 11501  
(516) 573-7000

Thomas C. Krumpter  
ACTING COMMISSIONER

Third Precinct  
214 Hillside Avenue  
Williston Park, New York 11596  
(516) 573-6344

September 26, 2014

Trey Wehrum  
PS&S Engineering  
1305 Franklin Ave  
Suite 302  
Garden City, NY 11530

Dear Mr. Wehrum,

The Third Precinct has reviewed the documents submitted by your firm for the proposed Olive Hill Senior Residence Apartments. Based on the site plan we believe that this development will require us to provide additional Police services in the form of regular uniform patrol as well as occasional ambulance transports and detective services. That usually happens when empty fields are improved to residences. However we believe that we will be able to meet these needs and that your proposal, should it come to fruition, will have no net negative impact upon our ability to meet existing or anticipated demands from the surrounding area.

Regards,

A handwritten signature in black ink, appearing to read "Sean M. McCarthy".

Sean M. McCarthy

Inspector  
Commanding Officer  
Third Precinct



SEP 2 2014

Customer Order Fulfillment Department  
175 East Old Country Rd.  
Hicksville, NY 11801

August 27, 2014

PS&S Engineering, Inc.  
1305 Franklin Ave, Suite 302  
Garden City, NY 11530  
Attn: Trey Wehrum

Re: Letter of Availability - High St and Community Dr, Manhasset, NY  
11030

LIPA Job Ref # T101648708

Dear Sir:

As requested, please be advised that PSEG will provide service to the above referenced project in accordance with our filed tariff and schedules in effect at the time service is required.

Please contact the PSEG Long Island Customer Order Fulfillment Department's office at 516-545-2242 if you require any further information.

Very truly yours,

A handwritten signature in blue ink, appearing to read "C. Mackin".

Carolyn Mackin, Manager  
Customer Order Fulfillment Department

MC/JC/KR



October 21, 2014

New York Natural Heritage Program - Information Services  
New York State Department of Environmental Conservation  
625 Broadway, 5<sup>th</sup> Floor  
Albany, New York 12233-4757

Education

Energy Utility

Hospitality

Public Sector

Real Estate

Science & Technology

RE: Planning Services for the proposed  
Olive Hill Senior Residence Development  
West side of Community Drive/South side of High Street  
Manhasset, Town of North Hempstead  
Nassau County, New York  
NCTM No.: Section 2, Block 347, Lots 16 and 17

Dear Sir or Madam:

PS&S Engineering, Inc. (PS&S) is submitting this request for information on Threatened and Endangered Species, and Rare and Exemplary Communities for the above-referenced property (see attachments). Presently, the subject property is approximately 3.19 acres in land area, predominantly vacant and occupied by natural vegetation (woodland, shrubs, grass and weeds). Data from this request will be taken into consideration for planning purposes only.

Enclosed herein is a copy of an excerpt of the USGS Topographic Map Sea Cliff, New York Quadrangle, with the project area highlighted for your review. Also included is an enlarged section of an aerial/ local road map with the project area highlighted. Any data the Natural Heritage Data base has on this project area or the surrounding area would be appreciated.

If you have any questions concerning this request or need additional information, please call me at (516) 512-7300.

Very truly yours:

PS&S ENGINEERING, INC.

Trey Wehrum, P.E.  
Senior Associate

1305 Franklin Avenue  
Suite 302  
Garden City, NY 11530

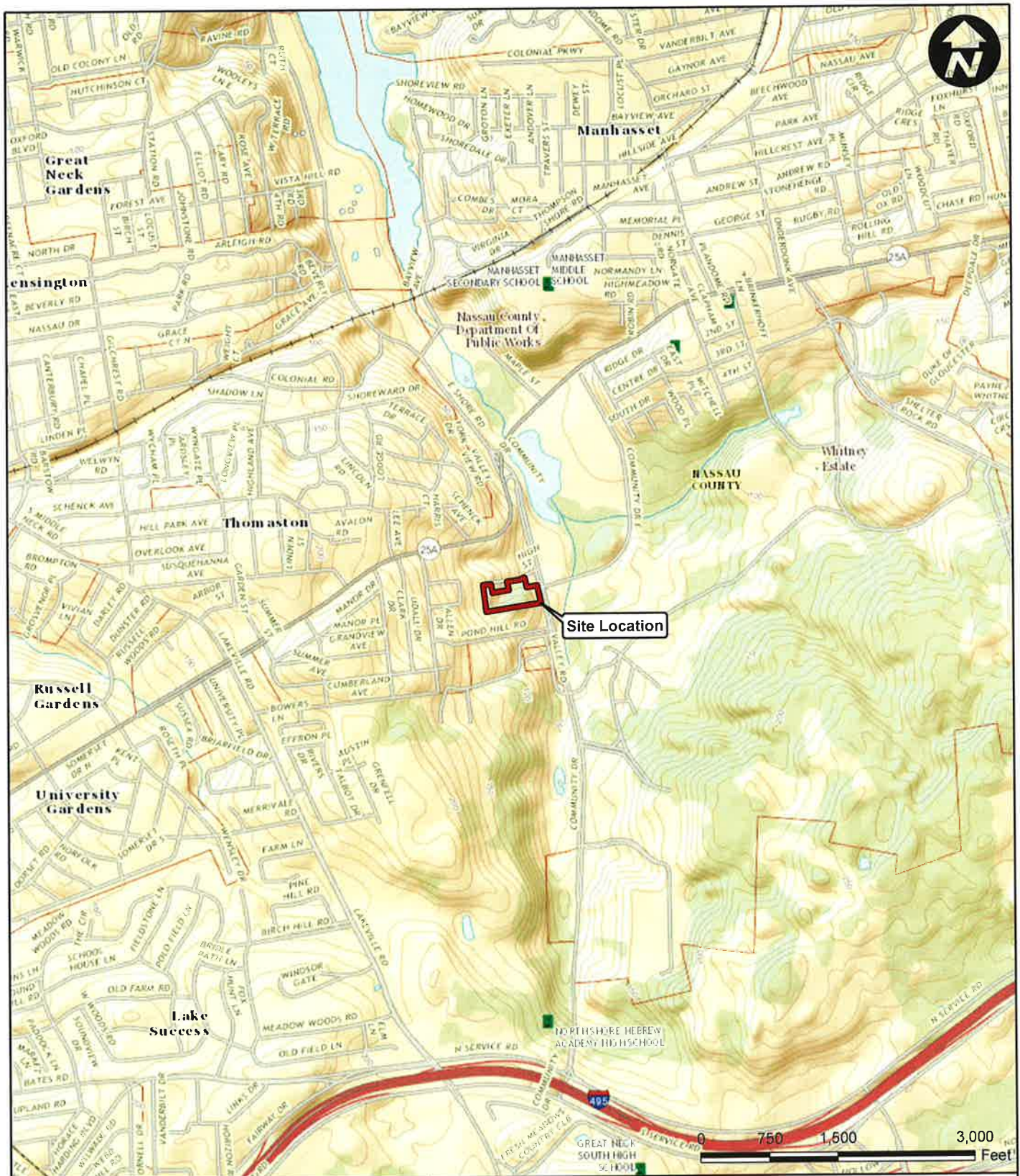
t. 516.512.7300

[www.psands.com](http://www.psands.com)

Attachments: USGS Topographic Map – Sea Cliff, New York Quadrangle  
Site Location Map

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**Legend**

 Property Boundary



1305 FRANKLIN AVENUE  
SUITE 302  
GARDEN CITY, NEW YORK 11530  
PHONE: (516) 512-7300

**USGS SITE LOCATION MAP**  
Mount Olive  
43 High Street, Manhasset  
Nassau County, New York

Sources:  
1. USGS, US Topo, The National Map  
Sea Cliff Quad, 2013  
STATE PLANE COORDINATES  
E 1065772  
N 224970

Drawn By: ML

Scale: 1" = 1,500'

Project No. 03624.0001

Chk'd By: AB

Date: 5/27/2014

Figure No. 1



**Legend**

 Property Boundary



1305 FRANKLIN AVENUE  
SUITE 302  
GARDEN CITY, NEW YORK 11530  
PHONE: (516) 512-7300

**AERIAL MAP**  
Mount Olive  
43 High Street, Manhasset  
Nassau County, New York

Sources:  
1. Nassau County Orthoimagery, NYS Office of Information Technology Services, GIS Program Office, 2013.

Drawn By: ML

Scale: 1" = 200'

Project No. 03624.0001

Chk'd By: AB

Date: 5/27/2014

Figure No. 2

## **APPENDIX I**

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**PHASE I**  
**ENVIRONMENTAL SITE ASSESSMENT REPORT**

**Mt. Olive**  
**43 High Street**  
**Manhasset, NY 11030**

*Submitted to:*

**GG Acquisitions, LLC**  
50 Jericho Quadrangle, Suite 200  
Jericho, New York 11753

and

**North Hempstead Housing Authority**  
899 Broadway  
Hempstead, New York 11590

**June 4, 2013**

**REVISION 1**

*Prepared by:*



55 Main Street 3<sup>rd</sup> Floor  
Yonkers, NY 10701

## TABLE OF CONTENTS

EXECUTIVE SUMMARY .....	IV
1.0 INTRODUCTION .....	1-1
1.1 Scope of Work and Purpose.....	1-1
1.2 Methodology Used and Limiting Conditions .....	1-2
1.3 Limitations and Exceptions of Assessment .....	1-2
1.4 User Reliance .....	1-3
2.0 SITE DESCRIPTION .....	2-1
2.1 Site Location .....	2-1
2.2 General Site Characteristics .....	2-2
2.2.1 Zoning .....	2-2
2.2.2 Physiography and Topography .....	2-2
2.2.3 Geology.....	2-2
2.2.4 Surface and Groundwater .....	2-2
2.2.5 Wetlands and Floodplains.....	2-3
2.3 Current Use of the Property .....	2-3
2.4 Current Use of the Adjoining Properties .....	2-3
3.0 USER PROVIDED INFORMATION .....	3-1
3.1 Title Records .....	3-1
3.2 Environmental Liens or Activity Use Limitations.....	3-1
3.3 Valuation Reduction for Environmental Issues .....	3-1
3.4 Owner/Occupant Information .....	3-1
4.0 RECORDS REVIEW.....	4-1
4.1 Environmental Database Record Research.....	4-2
4.2 Previous Investigations .....	4-5
4.3 Sanborn Fire Insurance Maps .....	4-7
4.4 Historical Aerial Photographs.....	4-8
4.5 Historical USGS Topographic Maps .....	4-10
4.6 City Directory Search .....	4-10
4.7 Environmental Lien Search Report.....	4-11
4.8 Historic Use of the Site .....	4-11
4.9 Historic Use of Adjacent Properties .....	4-11
5.0 GOVERNMENT AGENCY RECORD REVIEWS.....	5-1
5.1 USEPA Record Review .....	5-1
5.2 NYSDEC Record Review.....	5-1
5.3 Nassau County Health Department.....	5-2
6.0 SITE RECONNAISSANCE .....	6-2
6.1 Methodology and Limiting Conditions.....	6-2
6.2 Site Observations .....	6-2

6.2.1	Hazardous Substances And Petroleum Products In Connection With Identified Uses .....	6-2
6.2.2	Storage Tanks.....	6-3
6.2.3	Odors.....	6-3
6.2.4	Pools Of Liquid.....	6-3
6.2.5	Drums.....	6-3
6.2.6	Hazardous Substances And Petroleum Products Not In Connection With Identified Uses .....	6-3
6.2.7	Unidentified Substance Containers.....	6-3
6.2.8	PCBs .....	6-3
6.2.9	Pits, Ponds Or Lagoons.....	6-4
6.2.10	Stained Soil Or Pavement.....	6-4
6.2.11	Stressed Vegetation.....	6-4
6.2.12	Solid Waste .....	6-4
6.2.13	Waste Water.....	6-5
6.2.14	Wells .....	6-5
6.2.15	Septic Systems .....	6-5
6.3	Radon .....	6-5
7.0	CONCLUSIONS AND RECOMMENDATIONS .....	I
8.0	REFERENCES .....	8-1
9.0	DISCLAIMERS .....	9-1
10.0	DECLARATION OF THE ENVIRONMENTAL PROFESSIONAL .....	10-1

**LIST OF FIGURES**

Figure 1	USGS Site Location Map
Figure 2	Site Plan

**LIST OF APPENDICES**

Appendix A	Environmental Site Assessment Photographs – April 2013
Appendix B	Environmental Database Search Report (EDR Report)
Appendix C	Sanborn Fire Insurance Maps
Appendix D	Historical Aerial Photographs
Appendix E	Historical Topographic Maps
Appendix F	City Directory Abstract Report
Appendix G	Environmental Lien Search Report
Appendix H	FOIA Requests and Responses
Appendix I	Qualifications of the Environmental Professional

## **EXECUTIVE SUMMARY**

On behalf of GG Acquisitions, LLC (GG) and North Hempstead Housing Authority (NHHA), Paulus, Sokolowski & Sartor (PS&S) conducted a Phase I Environmental Site Assessment (Phase I ESA) of the property located at the southwestern intersection of High Street and Community Drive (herein referred to as the “Site”) in the Town of Manhasset, Nassau County, New York. The Site is currently vacant. The Site property is currently owned by Mount Olive Baptist Church and not utilized for any purpose. The address is identified as 43 High Street. The Site location is depicted on a United States Geological Survey (USGS) Topographic Map – Sea Cliff Series 7.5 (Figure 1). The Site is approximately 3.27 acres in size and is designated on the Nassau County Tax Map as Section 2, Block 347, Lots 16 and 17.

The purpose of this Phase I ESA is to document Recognized Environmental Conditions (RECs) associated with the current and historic uses of the Site. The Phase I ESA Scope of Work included a review of the standard environmental record databases provided by Environmental Data Resources (EDR) of Milford, Connecticut; inquiries to local, county, state and federal agencies; and a site reconnaissance.

## **PHASE I ESA RESULTS AND RECOMMENDATIONS**

PS&S performed this Phase I ESA in general conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) document, *The Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E-1527-05). Exceptions to or deletions from this practice are described in this Phase I ESA. The findings of the Phase I ESA indicated two RECs as described below:

1. The former use of the property as a Long Island Lighting Company gas distribution facility is considered to be an REC. The Site is included under the National Grid Multi-Site Order on Consent Index Number A1-0595-08-07. The Site is referred to as the Former Manhasset Hortonsphere Site.
2. The presence of semi-volatile organic compounds (SVOCs) in the top 5 feet of soil as described in the *Final Site Characterization Report* on the Manhasset

Former Hortonsphere Site conducted by GEI Consultants, Inc. in 2011, is considered to be an REC. The reported concentration of SVOCs and the metals, lead and chromium, exceeded NYSDEC Unrestricted Use and Residential Use Soil Cleanup Objectives (SCOs). According to the report, contamination was only found in areas where fill material was added to the Site. In addition, groundwater samples exhibited high levels of several metals including lead, chromium and arsenic.

3. Based on long-term uncontrolled site access and observed evidence of municipal waste and petroleum automotive containers (power steering fluid, motor oil), uncontrolled waste disposal is considered to be an REC.



## 1.0 INTRODUCTION

### 1.1 Scope of Work and Purpose

On behalf of Georgica Green Ventures, LLC (GGV) and North Hempstead Housing Authority (NHHA), Paulus, Sokolowski & Sartor (PS&S) conducted a Phase I Environmental Site Assessment (Phase I ESA) of the property located at the southwestern intersection of High Street and Community Drive (herein referred to as the “Site”). The Site is located on High Street in Manhasset, Nassau County, New York. The Site location is depicted on the United States Geological Survey (USGS) Topographic Map – Sea Cliff Series 7.5 (Figure 1). The Site is approximately 3.27 acres in size and is designated on the Nassau County Tax Map as Section 2, Block 347, Lots 16 and 17.

The purpose of this Phase I ESA is to document Recognized Environmental Conditions (RECs) associated with the current and historic uses of the Site. Consistent with the American Society for Testing and Materials (ASTM) document, *The Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E-1527-05), RECs are defined as follows:

*“The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with the laws. The term is not intended to include de minimus conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimus are not recognized environmental conditions.”*

The Phase I ESA presented herein consisted of a site reconnaissance; interviews with the owner and a lessee of the Site; a file review and document search regarding the past and current usage of the Site; a review of available Sanborn Maps, aerial photographs and

historical topographic maps; a review of property surveys; United States Environmental Protection Agency (USEPA), New York Department of Environmental Conservation (NYSDEC), and county records requests; an environmental lien report; city directory; and a review of available property owner records. PS&S utilized a commercial environmental information service to obtain data regarding state and federal program records.

Written inquiries requesting information concerning records of storage, disposal, spills, or releases of hazardous substances requiring an environmental response action on or adjacent to the Site were made either by first class mail, Internet or facsimile, to federal, state, county and local agencies.

## **1.2 Methodology Used and Limiting Conditions**

PS&S performed this Phase I ESA based on the guidelines specified in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E 1527-05*, published by the ASTM. Limiting conditions are described within the associated sections of this Phase I ESA Report.

## **1.3 Limitations and Exceptions of Assessment**

The RECs identified in this Phase I ESA report are limited to those identified by PS&S in the records review and site reconnaissance documented within this report. Information used to complete this Phase I ESA was reasonably ascertainable, and visually and physically observable. For the purposes of this report, the site reconnaissance was limited to evidence of potential contamination that would generally include readily visible features, such as stains, discolorations, continuing spills or leaks of liquids or solids, discharge pipes, filled or mounded areas, lagoons or bermed areas and stressed vegetation. The site reconnaissance did not include checking for the presence of 1) materials which are products manufactured and handled on the Site for purposes of resale; 2) materials used for routine custodial and maintenance operations; 3) materials within or under buildings or structures which required invasive investigating techniques or destructive testing for discovery; 4) investigation of asbestos containing materials, lead based paint or mold; or 5) testing or sampling of air, soil, water or building materials.

#### **1.4 User Reliance**

Nothing herein or in any subsequent performance of services by PS&S shall be construed to give any rights or benefits to anyone other than GG, NHHA and PS&S. All duties and responsibilities undertaken in connection with this Phase I ESA are for the sole and exclusive benefit of GG, NHHA and PS&S, and not for the benefit of anyone else.

## **2.0 SITE DESCRIPTION**

The Site is located at 43 High Street in the Town of Manhasset, Nassau County, New York. The Site is currently vacant forested land. The northwest corner of the Site is cleared of trees to be utilized for parking by the Mount Olive Baptist Church.

Refer to Figure 2 for the Site Plan showing the site conditions during the April 17, 2013 site inspection. Photographs of the Site and surrounding area are provided in Appendix A.

### **2.1 Site Location**

The Site is located on an approximate 3.19 parcel of land located at the southwest intersection of High Street and Community Drive. On the USGS 7.5 minute series topographic map of Sea Cliff, NY, the Site is located at the coordinates of Latitude (North) 40°47'1.68" and Longitude (West) 73°42'21.96" (Figure 1). The Site is designated on the Nassau County Tax Map as Section 2, Block 347, Lots 16 and 17.

The Site is bound by:

- North – High Street, Mount Olive Baptist Church, and residential dwellings;
- South – Spinney Hill Apartment Complex;
- East – Community Drive and abandoned building; and
- West – Hagedorn Community Center.

## **2.2 General Site Characteristics**

### **2.2.1 Zoning**

According to the Nassau County Zoning Map, the Site is situated within a residentially zoned district.

### **2.2.2 Physiography and Topography**

Review of the USGS 7.5 minute series topographic map of 40073-G6 Sea Cliff, NY indicates that the topographic gradient at the Site slopes to the east-northeast. The elevation of the Site is approximately 64 feet above mean sea level (msl). The area surrounding the Site within a one-mile radius ranges from 26 to 215 feet above msl.

### **2.2.3 Geology**

According to a review of the Nassau County Soil Survey, prepared by the United States Department of Agriculture in 1994, the dominant soil composition in the general vicinity of the Site is identified as Montauk soil comprised of a fine sandy loam from 0 to 27 inches below ground surface (bgs) and sandy loam from 27 to 60 inches bgs.

Review of the Environmental Data Resources (EDR) Report indicates that the Site and surrounding area is underlain by bedrock consisting of a stratified sequence: Cenozoic Era, Quaternary System and Pleistocene Series.

### **2.2.4 Surface and Groundwater**

Review of the EDR Federal USGS Well database identified 99 wells within a 1-mile radius of the Site. As identified in the Federal Reporting Data System (FRDS) Public Water Supply System Database, there is a public water supply well (Well ID# NY0002836) located ¼ to ½ mile south-southwest of the Site.

Local groundwater flow direction, inferred from available topographic mapping of the area, is assumed to be to the east-northeast. However, local variations in the groundwater flow direction may be present.

### **2.2.5 Wetlands and Floodplains**

During the site reconnaissance, PS&S personnel did not observe any potential ecologically sensitive areas (i.e., wetlands, floodplains) within the Site. In addition, review of the Overview Map included in the EDR Report (included in Appendix B), no wetlands are depicted on the Site and/or immediately adjacent to the Site. In addition, no 100 or 500-year floodplains were depicted on the Site.

### **2.3 Current Use of the Property**

The Site is currently owned by the Mount Olive Baptist Church. Lots 16 and 17 are undeveloped and consist of densely populated trees and vegetation. The northwestern portion of the Site is cleared of vegetation and utilized as a parking lot for Mount Olive Baptist Church. According to Reverend Edward Corley of the Mount Olive Baptist Church, no additional buildings have been on-site for at least the past 38 years. Hazardous materials were not noted during the April 17, 2013 site inspection.

### **2.4 Current Use of the Adjoining Properties**

At the time of the site inspection on April 17, 2013 the adjoining properties were identified as follows:

- North – High Street, Mount Olive Baptist Church, and residential dwellings;
- South – Spinney Hill Apartment Complex;
- East – Community Drive and abandoned building; and
- West – Hagedorn Community Center.

### **3.0 USER PROVIDED INFORMATION**

#### **3.1 Title Records**

Title records were not provided as part of this Phase I ESA.

#### **3.2 Environmental Liens or Activity Use Limitations**

PS&S requested that EDR perform an Environmental Lien Search. According to the Environmental LienSearch™ Report, no environmental liens or activity use limitations are present at the Site.

#### **3.3 Valuation Reduction for Environmental Issues**

A market assessment of the Site was not conducted for the purpose of this Phase I Environmental Site Assessment.

#### **3.4 Owner/Occupant Information**

A phone interview was conducting with Reverend Edward Corley of Mount Olive Baptist Church on April 16, 2013. According to Reverend Corley, no buildings have been located on the Site property in the 38 years he has worked with Mount Olive Baptist Church. The church bought the property from KeySpan approximately 40 years ago. At the time of purchase, an aboveground storage tank was located on the Site. Reverend Corley described the shape of the tank as a “globe.” He was not sure of the contents of the tank or its purpose. An environmental study was conducted by National Grid and the New York State Department of Environmental Conservation (NYSDEC), which was completed approximately one year ago.

### **4.0 RECORDS REVIEW**

PS&S requested available federal, state, county and local regulatory information concerning historical land use and potential environmental issues relating to the Site. The responses received from federal, state and local agencies are summarized below.

#### **4.1 Environmental Database Record Research**

As part of this Phase I ESA, PS&S reviewed an electronic search of the standard environmental record sources provided by Environmental Data Resources (EDR) of Milford, Connecticut. EDR uses *The EDR-Radius Map with GeoCheck* to identify potential environmental issues at or near the property in accordance with ASTM guidelines. EDR provided technical and regulatory data from multiple sources in accordance with standard practices as defined by ASTM E 1527-05. This process allows the identification of facilities of potential environmental concern at distances commensurate with their potential risk to the Site.

The specific federal and state databases searched by EDR are listed below. The complete report package is included in Appendix B.

#### **Federal ASTM Standard**

Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CERCLIS NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RECRIS	Resource Conservation and Recovery Information System
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROLS	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A listing of Brownfield Sites
CONSENT	Superfund (CERCLA) Consent Decrees

#### **Federal ASTM Standard (Continued)**

UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act



FFTS	FIFRA/TSCA Tracking System – FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System
BRS	Biennial Reporting System

### **State and Local ASTM Standard**

SHWS	Known Contaminated Sites in New Jersey
CHROME	Chromate Chemical Production Waste Sites
PF	Publicly Funded Cleanups, Site Status Report
SWF/LF	Solid Waste Facilities/Landfill States Register
HIST LF	Solid Waste Facility Directory
SWRCY	Registered Recycling Facility List
LUST	UST Active Remediation Sites Listing
HIST LUST	Historical Leaking USTs
UST	Underground Storage Tank Data
LIENS	Environmental Liens
MAJOR FACILITIES	Facilities with Total Storage Capacity Greater than 20,000 Gallons of Hazardous Substances (other than petroleum products)
HIST MAJOR FACILITIES	List of Major Facilities (see above)
MANIFEST	Manifest Information
NY RELEASE	Hazardous Material Incident Database
NY SPILLS	Spills
ENG CONTROLS	Deed Notice Sites
INST CONTROLS	Classification Exception Area Sites
VCP	Voluntary Cleanup Program Sites
DRYCLEANERS	Registered Drycleaners
BROWNFIELDS	Brownfields Site List
ISRA	Industrial Site Recovery Act Sites
NYPDES	New York Pollutant Discharge Elimination System
HWS RE-EVAL	Site Re-evaluation Report

### **Tribal Records ASTM Standard**

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

### Supplemental EDR Records

MGPs	Manufactured Gas Plants
Historical Auto Stations	Historic Gas Stations
Historical Dry Cleaners	Historic Dry Cleaners
CT MANIFEST	Hazardous Waste Manifest Information in Connecticut
NY MANIFEST	Hazardous Waste Manifest Information in New York
PA MANIFEST	Hazardous Waste Manifest Information in Pennsylvania
RI MANIFEST	Hazardous Waste Manifest Information in Rhode Island
VT MANIFEST	Hazardous Waste Manifest Information in Vermont
WI MANIFEST	Hazardous Waste Manifest Information in Wisconsin

Review of the EDR Database Report indicates that the Site was not identified on any of the databases.

The EDR database search identified 116 sites within the designated Federal, State and/or Local search radii. Of the 116 sites included in the searched radii, 111 were not considered to potentially have an impact on the Site because either 1) they are located at a lower elevation than the Site and migration of contamination is not likely; 2) they are located at too great a distance from the Site and migration of contamination is not likely; 3) the site has received a No Further Action (NFA) determination from the NYSDEC; or 4) the nature of the database in which the site is included, does not indicate a potential impact to the Site. The remaining sites are listed below:

- The Manhasset Great Neck Economic Opportunity Council located at 65 High Street (EDR Site ID A18), located west of the Site is included on the LTANKS and HIST LTANKS databases. EDR Site A18 has been included on the LTANKS and HIST LTANKS databases due to an unknown amount of #2 fuel oil leaking into groundwater as a result of tank failure (Spill Number 8902942). The tank is described as very old and full of sludge. The incident was reported on June 21, 1989. The spill is reported as closed on December 19, 1989.
- The Mount Olive Baptist Church located at 43 High Street (EDR Site ID A4), located north of the Site is included on the LTANKS and HIST LTANKS databases. EDR Site A4 has been included on the LTANKS and HIST LTANKS databases due to tank failure and an unknown quantity of #2 fuel oil released on

land (Spill Number 9512353). The tank is reported to be approximately 60 years old. Reverend Edward Corley reported to NYSDEC that the tank would likely be removed from the site. The incident was reported on January 1, 1996. The spill is reported as closed on March 10, 1998.

- The Spinney Hill Homes located on Pond Hill Road (EDR Site ID 22), located south of the Site is included on the UST database due to a steel tank containing #2 fuel oil. The capacity of the tank is 10,000 gallons. No leak has been detected as of January 2, 2013. The tank was installed on January 19, 1950.
- Hempstead Housing Authority is included on the LTANKS and HIST LTANKS databases due to 6 gallons fuel oil spill during a tank fill occurring on October 2, 1998 (Spill Number 9808168). The source of the spill is said to be from a private dwelling. The spill is recorded as closed on May 25, 2004.
- Pond Hill Road is included on the LTANKS and HIST LTANKS databases due to a tank test failure on October 10, 1997. An unreported quantity of fuel oil leaked from the tank (Spill Number 9708141). The property is referred to as “North Hempstead Housing Authority.” The address is identified as Pond Hill Road where the current Spinney Hill Apartment Complex is located. The tank was abandoned, soil borings were performed and a monitoring well was installed down gradient of the leak line. 11 tons of soil were excavated and disposed of. No product was found in the monitoring well and no further action was taken. The spill is recorded as closed on May 7, 1999.

As part of the state/local database search, 18 sites did not contain enough address information to be accurately mapped in the EDR Report. Refer to the EDR Report in Appendix B for further details on these sites.

## **4.2 Previous Investigations**

PS&S was provided with a letter from National Grid addressed to Reverend Edward Corley of the Mount Olive Baptist Church regarding the former Manhasset Hortonsphere

Site. The letter, dated April 16, 2012, stated that according to NYSDEC, National Grid has completed the site characterization of the Site. The letter also indicated that the next step would be to decommission groundwater monitoring wells, which was to be completed by GEI Consultants. However, no decommissioning reports were provided to PS&S. Attached to this letter was an additional letter from NYSDEC dated January 30, 2012, indicating that the technical requirements of the Order on Consent have been satisfied by the submission of the Site Characterization Plan (2011). The Site is included under the National Grid Multi-Site Order on Consent (Order), Index Number A1-0595-08-07. This Order is dated August 24, 2007, and was entered into between NYSDEC and KeySpan Energy Delivery Long Island. Since National Grid is the successor to KeySpan, National Grid has entered into the Order. The Order includes eleven National Grid facilities that have been taken out of service. As part of the Order, National Grid was instructed to complete a Site Characterization to evaluate the soil, soil vapor and groundwater conditions on-site.

In addition, PS&S reviewed the *Final Site Characterization Report on the Manhasset Former Hortonsphere Site*, August 2011, conducted by GEI Consultants, Inc. (GEI) for National Grid. Based on the report, soil contamination within the Site is characterized by low levels of semi-volatile organic compounds (SVOCs), lead and chromium up to 5 feet below ground surface. GEI attributed the contamination to historic fill added after the closure of the former gas works that were removed from the Site. Based on the focused sampling program, GEI represented that the results did not meet NYSDEC Residential Use Soil Cleanup Objectives. Low levels of volatile organic compounds (VOCs) were detected in all ten soil vapor samples collected from the Site at depths up to 5 feet below ground surface. In addition, groundwater samples exhibited high levels of iron, manganese and sodium.

Based on the above information, the presence of SVOCs is considered to be a REC. Refer to Section 7.0 for a discussion of the identified RECs.

### **4.3 Sanborn Fire Insurance Maps**

PS&S requested EDR to perform a search of Sanborn Maps that include the Site area and immediate vicinity. Based upon EDR's search results, PS&S reviewed Sanborn Fire Insurance Maps for the years 1926, 1936, 1950, 1951, 1961, 1970 and 1980. Copies of the Sanborn Maps provided by EDR are included as Appendix C. The following is a summary of the Sanborn Fire Insurance Maps:

- 1926 – The Site is not depicted on the 1926 Sanborn Map. Residential structures are depicted to the north and west of the Site.
- 1936 – The southeast portion of the Site depicts the Long Island Lighting Company (LILCO) with four unattached buildings, a circular structure identified as “gas sphere” and a separate 1-story “pump house.” Adjacent to the Site, two residential structures are depicted at 34 and 42 High Street. The building located at 34 High Street also depicts an attached garage and 42 High Street depicts an unattached garage. Another dwelling is depicted in the southwest intersection of High Street and Valley Road, which is presently referred to as Community Drive.

Manhasset Valley School is depicted at the western end of High Street. Additional residential buildings are depicted north of High Street and south of the Site.

- 1950 – LILCO is depicted as it was on the 1936 Sanborn Map, however only the gas sphere and pump house are depicted on the 1950 Sanborn Map.

Surrounding the Site, additional residential structures are depicted; specifically the Spinney Hill Homes with 102 residential units are shown south of the Site. North of the Site is the Mount Olive Baptist Church is identified at 43 High Street.

- 1951 – The Site and surrounding area are not depicted on the 1951 Sanborn Map.
- 1961 – The Site appears as it does on the 1950 Sanborn Map. One residential building is located adjacent to the Site to the north.

In the surrounding area, fewer residential buildings are depicted to the north of the Site and Valley Road is now referred to as Community Drive.

- 1970 – LILCO and its associated structures are no longer depicted on the Site property. The remainder of the Site appears as it does on the 1961 Sanborn Map.

The Manhasset Valley School structure is now identified as “Community Building and Offices” and the address is identified as 65 High Street. North of the Site 52 apartment units are collectively identified as Pond View Homes.

- 1980 – The Site is not depicted on the 1980 Sanborn Map.

#### **4.4 Historical Aerial Photographs**

PS&S requested EDR to perform a search of Historical Aerial Photographs that include the Site area and immediate vicinity. Based upon EDR’s search results, PS&S reviewed Historical Aerial Photographs for the years 1954, 1966, 1976, 1980, 1984, 1994, 2006, 2009 and 2011. Copies of the Historical Aerial Photographs provided by EDR are included as Appendix D. The following is a summary of the Historical Aerial Photographs:

- February 19, 1954 – The Site appears to be developed with the Long Island Lighting Company to the southeast with tank and one additional building visible. A building is also visible in Lot 21, adjacent to the Site on the same plot of land. The land in the southwest portion of the Site appears to be excavated or contain a ditch. The remainder of the Site is occupied by trees.

North and south of the Site appear to be developed with buildings, specifically 10 rectangular shaped building to the south of the Site. A rectangular shaped building is visible on the western end of High Street. The property west of Community Drive appears to be more developed compared to property east of Community Drive.

- February 23, 1966 – Due to the quality of the photo, it is difficult to discern the Site buildings. However the tank and building associated with the Long Island Lighting Company do not appear to be visible. Some buildings north of the Site have been replaced by five rectangular buildings.
- March 29, 1976 – Trees and vegetation appear to be cleared throughout the entire Site property. No buildings are visible on the Site. The surrounding area appears similar to the 1966 aerial photograph with the exception of increased development east Community Drive.
- April 6, 1980 – Additional vegetation is visible in the 1980 photograph, particularly in the western region of the Site. The surrounding area appears as it does in the 1976 aerial photograph.
- May 1, 1984 – The vegetation appears to be reworked and denser throughout the Site, with the exception of a center which appears to still be clear of any vegetation. The surrounding area appears as it does in the 1980 aerial photograph.
- April 4, 1994 – Due to the quality of the photograph, the Site is indiscernible.
- 2006 – The Site appears densely populated with trees and vegetation. The surrounding area appears as it does in the 1994 aerial photograph.
- 2009 – The Site and surrounding area appear as they do in the 2006 aerial photograph.

- 2011 – The Site and surrounding area appear as they do in the 2009 aerial photograph.

#### **4.5 Historical USGS Topographic Maps**

PS&S requested EDR to perform a search of historical topographic maps that include the Site area and immediate vicinity. Based upon EDR's search results, PS&S reviewed historical topographic maps for the years 1900, 1918, 1947, 1954, 1968 and 1979. Copies of the historical topographic maps provided by EDR are included as Appendix E. The following is a summary of the historical topographic maps:

- 1900 (Scale = 1:62,500) – The Site is located in an undeveloped area in the northern portion of Nassau County, Manhasset, New York. Land to the north, south, east and west appears to be undeveloped.
- 1918 (Scale = 1:62,500) – The Site and surrounding areas appear as they did on the 1900 historic topographic map.
- 1947 (Scale = 1:25,000) – The Site and surrounding areas appear to be developed. Manhasset Valley Public School is identified west of the Site.
- 1954 (Scale = 1:24,000) – The Site appears as it does on the 1947 topographic map. Land to the south of the Site depicts increased development.
- 1968 (Scale = 1:24,000) – The Site and surrounding areas appear as they do on the 1954 topographic map.
- 1979 (Scale = 1:24,000) – The Site and surrounding areas appear as they do on the 1968 topographic map.

#### **4.6 City Directory Search**



PS&S requested a City Directory search and abstract report from EDR for the Site. A copy of the EDR City Directory Abstract Report (Abstract Report) is included as Appendix F. According to the Abstract Report, the Site was not listed between the years 1972 and 2007. No additional listings for the Site were included in the Abstract Report.

#### **4.7 Environmental Lien Search Report**

PS&S reviewed an Environmental Lien Search Report prepared by EDR. Based on examination of this report, an environmental lien has not been issued for the Site. A copy of the Environmental Lien Search Report is included as Appendix G.

#### **4.8 Historic Use of the Site**

Based on a review of the above referenced records and a phone interview with Reverend Edward Corley, it was determined that the southeastern portion of the Site was utilized for the Long Island Lighting Company (LILCO) from 1936 until 1970. Structures associated with LILCO included a spherical gas holding tank, a pump house and four unattached buildings. Since at least 1970 the Site has been vacant and not utilized for any purpose. The Site has since become overgrown with trees and vegetation. Mount Olive Baptist Church acquired the property approximately 40 years ago from KeySpan.

Based on the operations discussed above, the historic use of the Site as a LILCO gas distribution facility is considered to be a REC. Refer to Section 7.0 for a discussion of the identified RECs.

#### **4.9 Historic Use of Adjacent Properties**

Based on a review of the above referenced records it was determined that the adjacent property to the south of the Site was developed for residential purposes between 1936 and 1950. Property to the north of the Site (north of High Street) was developed for residential and religious purposes since at least 1936. Property to the west of the Site was developed as a public school since at least 1936 up until approximately 1970 when it was transitioned into office space. Property to the east of the Site is currently utilized as Community Drive.

Based on the information discussed above, the historic use of adjacent properties is not considered to be a REC.

## **5.0 GOVERNMENT AGENCY RECORD REVIEWS**

In accordance with the Freedom of Information Act (FOIA), PS&S requested that the following government agencies review their files for all pertinent information with regard to the Site.

### **5.1 USEPA Record Review**

On April 16, 2013, PS&S requested, via the on-line request form, that the United States Environmental Protection Agency (USEPA) search its files for relevant information pertaining to the Site. On April 25, 2013, PS&S received an e-mail from Shirley Gruenhut with the USEPA requesting a clarification of the address of the Site. PS&S responded to the e-mail, but has not received any response since this interaction. A copy of the on-line request and response is included in Appendix H.

On May 30, 2013, PS&S received an e-mail from Wanda Calderon with the USEPA indicating that the final disposition of the FOIA search is that the USEPA does not have any records pertaining to the Site.

### **5.2 NYSDEC Record Review**

On April 16, 2013, PS&S requested, via the on-line request form, that the New York State Department of Environmental Conservation (NYSDEC) search its files for relevant information pertaining to the Site. A copy of the on-line request and responses are included in Appendix H.

On April 18, 2013, PS&S received a letter from Ro DiCandia with NYSDEC indicating that the request has been received and has been referred to the Region 1 staff.

On April 24, 2013, PS&S received a letter from Ruth L. Earl with NYSDEC indicating that the request has been received and that the request has been referred to a different office and a response is to be expected by June 6, 2013.

On April 25, 2013, PS&S received a letter from Ro DiCandia with NYSDEC advising PS&S to check the NYSDEC website for any records associated with the Site that

NYSDEC may possess. After review of the website databases, PS&S was unable to find any record associated with the Site.

### **5.3 Nassau County Health Department**

On April 16, 2013, PS&S requested that the Nassau County Health Department search its files for relevant information pertaining to the Site. As of the date of this Phase I ESA, no response has been received. If a response is received within 45-days of this report that alters any of the conclusions or recommendations discussed in this Phase I ESA, PS&S will forward the documents and amended conclusions and recommendations under separate cover. A copy of the on-line request is included in Appendix H.

## **6.0 SITE RECONNAISSANCE**

### **6.1 Methodology and Limiting Conditions**

PS&S representatives conducted a site reconnaissance of the Site on April 17, 2013. Observations of the Site areas were documented in the form of photographs and field notes. Selected photographs are presented in Appendix A.

The following sections summarize observations made during the April 17, 2013 site inspection.

### **6.2 Site Observations**

#### **6.2.1 Hazardous Substances And Petroleum Products In Connection With Identified Uses**

No hazardous substances and petroleum products in connection with identified uses were noted on the Site during the site inspection.

### **6.2.2 Storage Tanks**

No above ground and/or below ground storage tanks, including vent pipes, fill pipes or access ways, were noted on the Site during the site inspection.

### **6.2.3 Odors**

No strong, pungent or noxious odors were noted on the Site during the site inspection.

### **6.2.4 Pools Of Liquid**

No pools of liquid containing potentially hazardous material were noted on the Site during the site inspection.

### **6.2.5 Drums**

No drums containing potentially hazardous materials were observed on the Site during the site inspection.

### **6.2.6 Hazardous Substances And Petroleum Products Not In Connection With Identified Uses**

No hazardous substances and petroleum products not in connection with identified uses were noted on the Site during the site inspection.

### **6.2.7 Unidentified Substance Containers**

No unidentified substance containers were observed on the Site during the site inspection.

### **6.2.8 PCBs**

No potential PCB containing materials were noted on the Site during the site inspection.

### **6.2.9 Pits, Ponds Or Lagoons**

No pits, ponds or lagoons that could potentially contain hazardous materials were noted at the Site during the site inspection.

### **6.2.10 Stained Soil Or Pavement**

No stained soils or pavement were observed at the Site during the site inspection.

### **6.2.11 Stressed Vegetation**

No stressed vegetation was observed at the Site during the site inspection.

### **6.2.12 Solid Waste**

On April 17, 2013 PS&S observed 2 partially full containers: 1-quart of power steering fluid and 1-gallon of antifreeze along the southern portion of the sidewalk along High Street. Throughout the wooded area of the property, the following solid waste items were observed: empty unidentified plastic containers, exercise weights and associated lifting equipment, empty aluminum cans, plastic bags and tarp, a car tire, several empty 1-quart containers of motor oil, and a porcelain toilet bowl. A sign was in place along the northern perimeter of the Site reading: “No Trespassing/Dumping/Violators Will Be Prosecuted/Mt. Olive Baptist Church/Manhasset, NY.”

Based on long-term uncontrolled site access and observed evidence of municipal and petroleum waste dumping, on-site dumping is considered to be an REC. Refer to Section 7.0 for a discussion of the identified RECs.

### **6.2.13 Waste Water**

No evidence of a discharge of waste water or other liquids into a drain, ditch, underground injection system or stream at the Site was noted during the site inspection.

### **6.2.14 Wells**

On April 17, 2013, PS&S observed one monitoring well located approximately 100 feet east of the western property line and 200 feet south of High Street. The well appeared in good condition and is most likely utilized for groundwater observation. The well was not opened and there was a concrete pad constructed around the well. Based on the above information, PS&S does not consider the monitoring well to be a REC.

### **6.2.15 Septic Systems**

PS&S did not observe evidence of a septic system at the Site during the site inspection.

## **6.3 Radon**

The USEPA has established an action level of 4 Pico curies/Liter (pCi/L) for residential structures. Review of the NY Radon Database, included in the EDR Report as Appendix B, indicates that the Site is situated within the Federal EPA Radon Zone 3 for Nassau County, which is defined as an indoor average level less than 2 pCi/L.

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

PS&S has performed a Phase I ESA in general conformance with the scope and limitations of ASTM E-1527-05 as issued by the ASTM. Exceptions to or deletions from this practice are described in this Phase I ESA. This assessment has identified the following RECs in connection with the Site.

1. The former use of the property as a Long Island Lighting Company gas distribution facility is considered to be an REC. The Site is included under the National Grid Multi-Site Order on Consent Index Number A1-0595-08-07. The Site is referred to as the Former Manhasset Hortonsphere Site.
2. The presence of semi-volatile organic compounds (SVOCs) in the top 5 feet of soil as described in the *Final Site Characterization Report* on the Manhasset Former Hortonsphere Site conducted by GEI Consultants, Inc. in 2011, is considered to be an REC. The reported concentration of SVOCs and the metals, lead and chromium, exceeded NYSDEC Unrestricted Use and Residential Use Soil Cleanup Objectives (SCOs). According to the report, contamination was only found in areas where fill material was added to the Site. In addition, groundwater samples exhibited high levels of several metals including lead, chromium and arsenic.
3. Based on long-term uncontrolled site access and observed evidence of municipal waste and petroleum automotive containers (power steering fluid, motor oil), uncontrolled waste disposal is considered to be an REC.



## **8.0 REFERENCES**

Radius Map Report with GeoCheck<sup>®</sup> (Inquiry Number: 3577394.2s), Environmental Data Resources, April 16, 2013.

Final Site Characterization Report on the Manhasset Former Hortonsphere Site, GEI Consultants, Inc., August 2011.

## **9.0 DISCLAIMERS**

The scope of services performed in execution of this ESA were in general accordance with ASTM E-1527-05 and is subject to the limitations identified in this ESA and noted herein. This ESA is partially based on the conditions existing on the date of PS&S's site reconnaissance. The conclusions presented herein are professional opinions based solely on visual observations of the facility and vicinity, interpretation of information provided to PS&S or reasonably available to PS&S, and the results of limited sampling and analysis. Past conditions were considered on the basis of observations, readily available records, interviews, and recollections.

PS&S does not warrant or guarantee the correctness, completeness, and/or most recent date of the information contained in the environmental record sources and recollections used for this assessment. Such information is the product of independent investigation by parties other than PS&S and/or information maintained by government agencies.

This report is based on current environmental regulations. Future regulatory modifications, agency interpretations, and/or policy changes may affect the compliance status of the subject site, which is the subject of this ESA.

This ESA is not an environmental or compliance audit. This ESA makes no conclusion or recommendation regarding compliance with current regulations. Any references to relevant laws and regulations are not intended to be exhaustive, or to provide legal advice or interpretation. The user should seek legal advice and review the applicable laws and their implications as to overall environmental compliance or to any proposed transaction.

PS&S does not warrant or guarantee the property suitable for any particular purpose or certify the property as clean.

Lead paint, occupational health and safety, asbestos, and radon surveys, receptor analysis, sensitive environment analysis, endangered species analysis or other studies, which require specialized expertise, were not requested or included as part of this project.

**10.0 DECLARATION OF THE ENVIRONMENTAL PROFESSIONAL**

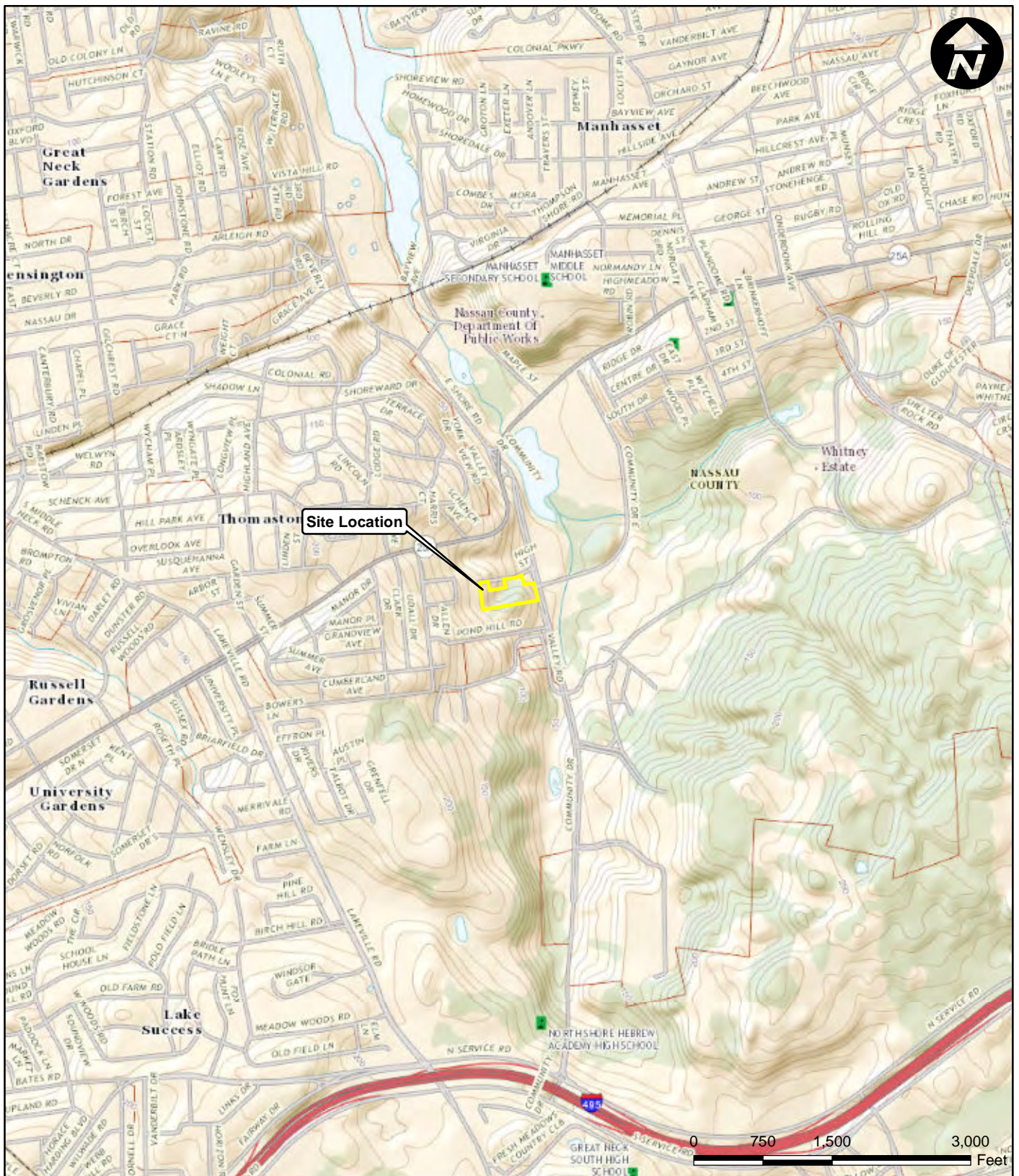
I declare that, to the best of my professional knowledge and belief, I meet the definition of the Environmental Professional as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature: \_\_\_\_\_

**Hal Newell – Paulus, Sokolowski and Sartor, LLC**

## **FIGURES**

---



**Legend**

 Site Location



67A MOUNTAIN BOULEVARD EXT.  
P.O. BOX 4039  
WARREN, NEW JERSEY 07059  
PHONE: (732) 560-9700

**USGS SITE LOCATION MAP**  
Mount Olive  
High Street, Manhasset  
Nassau County, New York

Sources:  
USGS, US Topo, The National Map  
Sea Cliff, 2013  
STATE PLANE COORDINATES  
E 1065772  
N 224970

Drawn By: EB

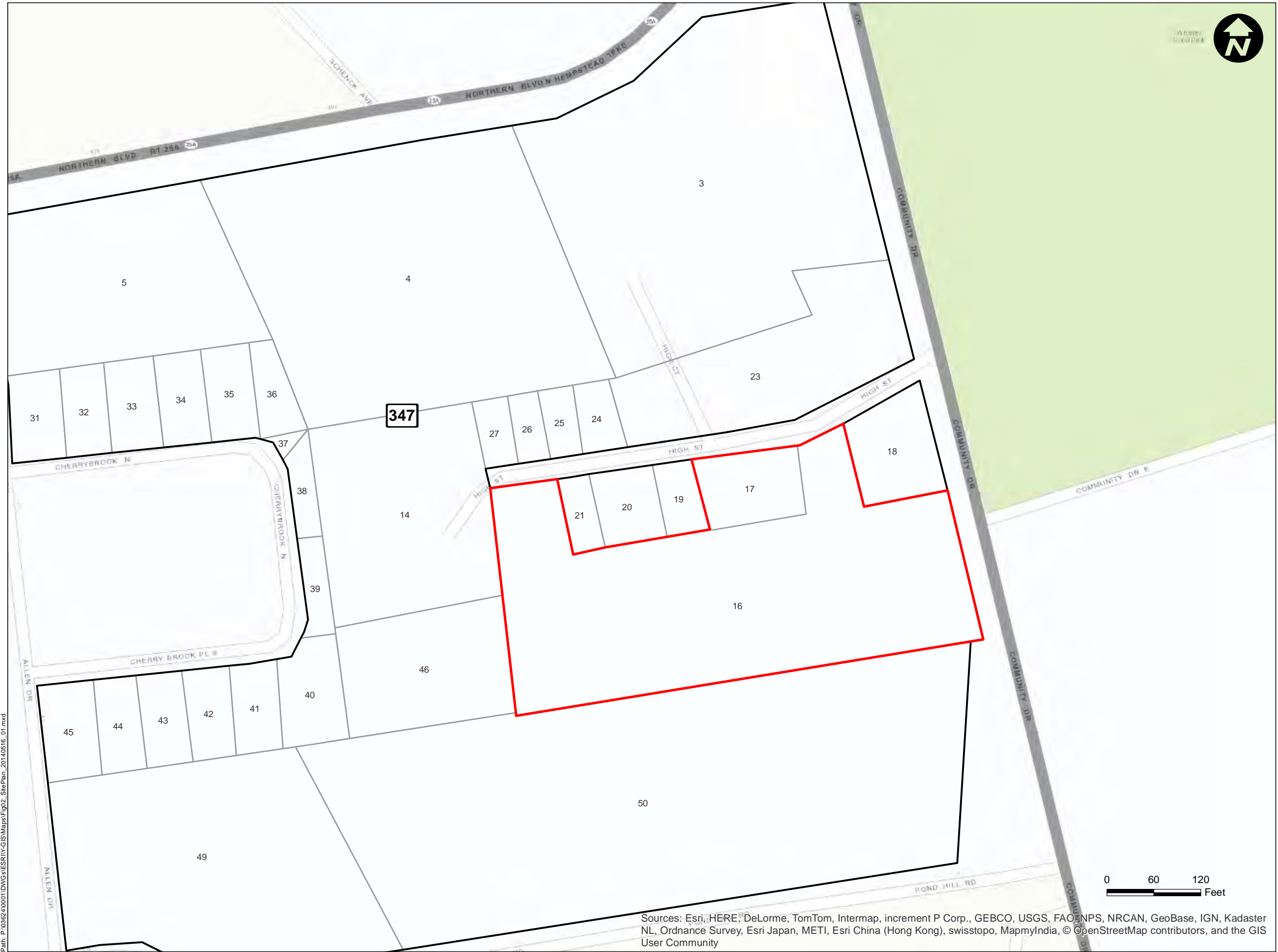
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Project No. 036240001

Chk'd By: AB




Date: 5/16/2014

Figure No. 1



Path: P:\03624\001\DWG\GIS\ESRI\GIS\Map\SitePlan\_20140516\_01.mxd

Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

- Legend**
-  Site Location
  -  Block Boundary
  -  Lots Within Block 347

  
**67A MOUNTAIN BOULEVARD EXT.**  
**P.O. BOX 4039**  
**WARREN, NEW JERSEY 07059**  
**PHONE: (732) 560-9700**  
 CERTIFICATE OF AUTHORIZATION NO. 24GA2R032700

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**PROJECT TITLE**

**Mount Olive**  
**High Street**  
**Manhasset**  
**Nassau County, New York**

**SHEET TITLE**

**SITE PLAN**

**PROJ. NO. 03624.001.010**

DATE 5/16/2014

DRN. BY EB

CHK. BY AB

SCALE 1" = 120'

**FIGURE NO. 2**

**APPENDIX A**

---

**Environmental Site Assessment Photographs – April 2013**



Photograph 1: High Street and apartment complex north of Site; view looking northwest



Photograph 2: High Street; view looking west





Photograph 3: Apartment complex north of Site; view looking north



Photograph 4: Forested area of the Site; view looking south



Photograph 5: Forested area of Site; view looking south



Photograph 6: Within the forested area of Site



Photograph 7: Forested area of Site; view looking north



Photograph 8: Fallen tree in forested area



Photograph 9: Exercise equipment within forested area



Photograph 10: Exercise equipment within forested area



Photograph 11: Weights and miscellaneous plastic waste



Photograph 12: Miscellaneous plastic and aluminum containers and plastic bags



Photograph 13: Forested area; view looking west



Photograph 14: Miscellaneous empty plastic containers



Photograph 15: Forested area; view looking west



Photograph 16: Miscellaneous plastic and paper products





Photograph 17: View of the Spinney Hill Apartments south of the Site



Photograph 18: Forested area; view looking north



Photograph 19: Monitoring well located approximately 100 feet east of the western property line and 200 feet south of High Street



Photograph 20: Abandoned building located at the southwestern intersection of Community Drive and High Street and adjacent to the Site to the northeast. View looking east. Not included as part of the Site.



Photograph 21: Abandoned building; view looking west



Photograph 22: Abandoned building; view looking south



Photograph 23: Warning notice located on the northern perimeter of abandoned building



Photograph 24: Warning notice located on western perimeter of abandoned building



Photograph 25: Abandoned building; view looking west



Photograph 26: Forested area of Site along Community Drive; view looking west



Photograph 27: Southern forested area of Site; note fence line along perimeter of Site and Spinney Hill Apartments



Photograph 28: Spinney Hill Apartment complex adjacent to the Site, to the south



Photograph 29: Partially full containers of antifreeze and power steering fluid located along southern sidewalk on High Street



Photograph 30: Partially full 1-gallon container of antifreeze



Photograph 31: Partially full 1-quart container of power steering fluid





Photograph 32: Littering notice posted along northern perimeter of Site on High Street



Photograph 33: Trespassing notice located along northern perimeter of Site



Photograph 34: Area utilized for Mt. Olive Baptist Church Parking; located in the northwest corner of Site



Photograph 35: Cleared area in the northwest corner of the Site



Photograph 36: Mt. Olive Baptist Church parking sign



Photograph 37: Solid waste located in the forested area of the Site



Photograph 38: Porcelain toilet located within forested area of the Site



Photograph 39: Forested area of Site; view looking north



Photograph 40: Empty motor oil containers located on Site



Photograph 41: Automobile tire within forested area



Photograph 42: Apparent ditch located in the southwest corner of forested area



Photograph 43: Forested area of Site; view looking south



Photograph 44: 34 High Street



Photograph 45: 42 High Street



Photograph 46: 46 High Street located on Lot 21 of Site





Photograph 47: High Street; view looking west



Photograph 48: Hagedorn Community Center located at 65 High Street; adjacent to the Site to the west



Photograph 49: Parking lot of Hagedorn Community Center



Photograph 50: Playground on property of Hagedorn Community Center



Photograph 51: Southwest corner of Hagedorn Community Center



Photograph 52: Potential filler pipe located in the southwest corner of community center



Photograph 53: Close-up of potential filler pipe



Photograph 54: High Street; view looking east



Photograph 55: Mt. Olive Baptist Church located at 43 High Street; north of the Site



Photograph 56: Mt. Olive Baptist Church



Photograph 57: Southern portion of High Street; view looking east

## **APPENDIX B**

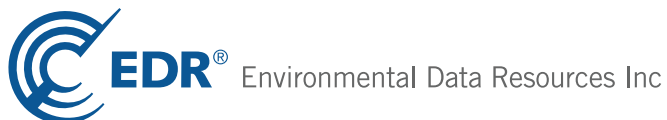
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### **Environmental Database Search Report (EDR Report)**

**Mt. Olive**  
HIGH ST  
Manhasset, NY 11030

Inquiry Number: 3577394.2s  
April 16, 2013

## The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	8
Orphan Summary .....	284
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-9
Physical Setting Source Map Findings .....	A-10
Physical Setting Source Records Searched .....	A-72

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

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

HIGH ST  
MANHASSET, NY 11030

#### COORDINATES

Latitude (North): 40.7838000 - 40° 47' 1.68"  
Longitude (West): 73.7061000 - 73° 42' 21.96"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 609178.1  
UTM Y (Meters): 4515351.0  
Elevation: 64 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40073-G6 SEA CLIFF, NY  
Most Recent Revision: 1979

### AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2011  
Source: USDA

### 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:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
HEMPSTEAD HOUSING AUTH HIGH STREET MANHASSET, NY	LTANKS Date Closed: 5/25/2004 HIST LTANKS	N/A
NORTH HEMPSTEAD HOUSING HIGH COURT STREET MANHASSET, NY	LTANKS Date Closed: 5/7/1999 HIST LTANKS Date Closed: 05/07/99	N/A

## EXECUTIVE SUMMARY

### 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***

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
FEDERAL FACILITY..... Federal Facility Site Information listing

#### ***Federal CERCLIS NFRAP site List***

CERC-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 RCRA generators list***

RCRA-SQG..... RCRA - Small Quantity Generators

#### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls  
LUCIS..... Land Use Control Information System

#### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

#### ***State- and tribal - equivalent CERCLIS***

SHWS..... Inactive Hazardous Waste Disposal Sites in New York State  
VAPOR REOPENED..... Vapor Intrusion Legacy Site List

## EXECUTIVE SUMMARY

### **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF..... Facility Register

### **State and tribal leaking storage tank lists**

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### **State and tribal registered storage tank lists**

TANKS..... Storage Tank Facility Listing  
CBS UST..... Chemical Bulk Storage Database  
MOSF UST..... Major Oil Storage Facilities Database  
CBS AST..... Chemical Bulk Storage Database  
MOSF AST..... Major Oil Storage Facilities Database  
MOSF..... Major Oil Storage Facility Site Listing  
CBS..... Chemical Bulk Storage Site Listing  
INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

### **State and tribal institutional control / engineering control registries**

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

### **State and tribal voluntary cleanup sites**

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

### **State and tribal Brownfields sites**

ERP..... Environmental Restoration Program Listing  
BROWNFIELDS..... Brownfields Site List

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
SWRCY..... Registered Recycling Facility List  
SWTIRE..... Registered Waste Tire Storage & Facility List  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

#### **Local Lists of Hazardous waste / Contaminated Sites**

US CDL..... Clandestine Drug Labs

## EXECUTIVE SUMMARY

DEL SHWS..... Delisted Registry Sites  
US HIST CDL..... National Clandestine Laboratory Register

### **Local Lists of Registered Storage Tanks**

HIST UST..... Historical Petroleum Bulk Storage Database  
HIST AST..... Historical Petroleum Bulk Storage Database

### **Local Land Records**

LIENS 2..... CERCLA Lien Information  
LIENS..... Spill Liens Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System

### **Other Ascertainable Records**

DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites  
US MINES..... Mines Master Index File  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
SSTS..... Section 7 Tracking Systems  
ICIS..... Integrated Compliance Information System  
PADS..... PCB Activity Database System  
MLTS..... Material Licensing Tracking System  
RADINFO..... Radiation Information Database  
FINDS..... Facility Index System/Facility Registry System  
RAATS..... RCRA Administrative Action Tracking System  
RMP..... Risk Management Plans  
HSWDS..... Hazardous Substance Waste Disposal Site Inventory  
UIC..... Underground Injection Control Wells  
DRYCLEANERS..... Registered Drycleaners  
SPDES..... State Pollutant Discharge Elimination System  
AIRS..... Air Emissions Data  
E DESIGNATION..... E DESIGNATION SITE LISTING  
INDIAN RESERV..... Indian Reservations  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
COAL ASH..... Coal Ash Disposal Site Listing  
PRP..... Potentially Responsible Parties  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
Financial Assurance..... Financial Assurance Information Listing  
2020 COR ACTION..... 2020 Corrective Action Program List  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
PCB TRANSFORMER..... PCB Transformer Registration Database  
US FIN ASSUR..... Financial Assurance Information

## EXECUTIVE SUMMARY

EPA WATCH LIST..... EPA WATCH LIST  
COAL ASH DOE..... Steam-Electric Plant Operation Data

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP..... EDR Proprietary Manufactured Gas Plants

### 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 02/12/2013 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>NORTH SHORE UNIVERSITY HOSPITA</i></b>	<b><i>300 COMMUNITY DR</i></b>	<b><i>NE 0 - 1/8 (0.006 mi.)</i></b>	<b><i>B17</i></b>	<b><i>63</i></b>

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 02/12/2013 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>INTERNATIONAL BIOIMMUNE SYSTEM</i></b>	<b><i>225 COMMUNITY DR W SUIT</i></b>	<b><i>NNE 0 - 1/8 (0.077 mi.)</i></b>	<b><i>D28</i></b>	<b><i>105</i></b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FEINSTEIN INSTITUTE FOR MEDICA <b>NASSAU COUNTY POLICE DEPT-SIXT</b>	350 COMMUNITY DR <b>100 COMMUNITY DR</b>	SE 0 - 1/8 (0.116 mi.) <b>N 1/8 - 1/4 (0.158 mi.)</b>	F39 <b>E51</b>	175 <b>195</b>

### **State and tribal leaking storage tank lists**

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 LTANKS list, as provided by EDR, and dated 02/19/2013 has revealed that there are 23 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EOC</b> Date Closed: 12/19/1989	<b>65 HIGH STREET</b>	<b>N 0 - 1/8 (0.012 mi.)</b>	<b>A18</b>	<b>86</b>
<b>DIBENEDETTO PROPERTY</b> Date Closed: 12/8/1994	<b>790 NORTHERN BLVD</b>	<b>W 1/8 - 1/4 (0.245 mi.)</b>	<b>H59</b>	<b>208</b>
<b>AUTO SPA</b> Date Closed: 8/2/1989	<b>780 NORTHERN BLVD</b>	<b>W 1/4 - 1/2 (0.279 mi.)</b>	<b>62</b>	<b>221</b>
<b>RESIDENCE</b> Date Closed: 11/16/1995	<b>58 WEST DRIVE</b>	<b>NNE 1/4 - 1/2 (0.380 mi.)</b>	<b>J68</b>	<b>254</b>
<b>BUTTERFIELD RESIDENCE</b> Date Closed: 1/12/1996	<b>17 CENTER DRIVE</b>	<b>NNE 1/4 - 1/2 (0.416 mi.)</b>	<b>J70</b>	<b>259</b>
<b>GIFFORDS ENERGY</b> Date Closed: 3/4/1987	<b>2 CRESCENT ROAD</b>	<b>NW 1/4 - 1/2 (0.420 mi.)</b>	<b>71</b>	<b>263</b>
RESIDENCE Date Closed: 5/2/2005	11 SUMMER AVENUE	WSW 1/4 - 1/2 (0.449 mi.)	72	266
<b>TWO SPRUCE TOWER</b> Date Closed: 1/22/1990	<b>2 SPRUCE STREET</b>	<b>WNW 1/4 - 1/2 (0.462 mi.)</b>	<b>73</b>	<b>267</b>
<b>OK PETROLEUM S/S</b> Date Closed: 7/25/2006	<b>655 NORTHERN BLVD</b>	<b>W 1/4 - 1/2 (0.463 mi.)</b>	<b>74</b>	<b>269</b>
<b>RIECH RESIDENCE</b> Date Closed: 7/15/1989	<b>3 RIVERS DRIVE</b>	<b>WSW 1/4 - 1/2 (0.492 mi.)</b>	<b>78</b>	<b>281</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MOUNT OLIVE BAPTIST CHURCH</b> Date Closed: 3/10/1998	<b>43 HIGH STREET</b>	<b>NE 0 - 1/8 (0.005 mi.)</b>	<b>A4</b>	<b>14</b>
<b>NORTH SHORE UNIVERSITY HOSPITA</b> Date Closed: 1/28/1998 Date Closed: 4/14/1993 <i>*Additional key fields are available in the Map Findings section</i>	<b>300 COMMUNITY DRIVE</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B6</b>	<b>16</b>
<b>WEDGEWOOD CARE CENTER</b> Date Closed: 3/5/1992 Date Closed: 3/16/2005	<b>199 COMMUNITY DRIVE</b>	<b>NNE 0 - 1/8 (0.095 mi.)</b>	<b>D33</b>	<b>128</b>
<b>NORTH SHORE UNIVERSITY HO</b> Date Closed: 4/19/2007	<b>350 COMMUNITY DRIVE</b>	<b>SE 0 - 1/8 (0.116 mi.)</b>	<b>F38</b>	<b>145</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>M&amp;B TRUCKING</b> Date Closed: 1/30/1987	<b>NORTH SHORE UNIV HOSP</b>	<b>ESE 1/8 - 1/4 (0.153 mi.)</b>	<b>44</b>	<b>184</b>
<b>PANEL REALTY</b> Date Closed: 9/13/1991	<b>100 COMMUNITY DRIVE</b>	<b>N 1/8 - 1/4 (0.158 mi.)</b>	<b>E46</b>	<b>188</b>
<b>NASSAU COUNTY POLICE DEPT-SIXT</b> Date Closed: 10/7/1992 Date Closed: 7/6/1995	<b>100 COMMUNITY DR</b>	<b>N 1/8 - 1/4 (0.158 mi.)</b>	<b>E51</b>	<b>195</b>
<b>Not reported</b> Date Closed: 6/30/2000	<b>COMMUNITY DR &amp; RTE 25A</b>	<b>N 1/8 - 1/4 (0.239 mi.)</b>	<b>58</b>	<b>206</b>
<b>MOBIL</b> Date Closed: 8/13/1996	<b>MAPLE AVE &amp; NORTHERN BLNNE</b>	<b>1/4 - 1/2 (0.356 mi.)</b>	<b>I65</b>	<b>242</b>
<b>EXXON MOBIL K5X</b> Date Closed: 4/13/2012 Date Closed: 9/12/1996	<b>1111 NORTHERN BLVD</b>	<b>NNE 1/4 - 1/2 (0.357 mi.)</b>	<b>I67</b>	<b>248</b>
<b>MANHASSET SCHOOLS</b> Date Closed: 10/14/1987	<b>MUNCEY LANE SCHOOL</b>	<b>NNE 1/4 - 1/2 (0.387 mi.)</b>	<b>69</b>	<b>256</b>
<b>CITGO STATION</b> Date Closed: 2/3/1995	<b>265 EAST SHORE ROAD</b>	<b>NNW 1/4 - 1/2 (0.492 mi.)</b>	<b>K76</b>	<b>276</b>
<b>NASSAU COUNTY ROAD MAINT</b> Date Closed: 3/26/1998	<b>BAYVIEW AVE/SHORE ROAD</b>	<b>NNW 1/4 - 1/2 (0.492 mi.)</b>	<b>K77</b>	<b>279</b>

HIST LTANKS: 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.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 33 HIST LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EOC</b> Date Closed: 12/19/89	<b>65 HIGH STREET</b>	<b>N 0 - 1/8 (0.012 mi.)</b>	<b>A18</b>	<b>86</b>
<b>JENKINS RESIDENCE</b> Date Closed: 12/11/98	<b>116 UDALL DRIVE</b>	<b>WSW 1/8 - 1/4 (0.164 mi.)</b>	<b>52</b>	<b>202</b>
<b>DIBENEDETTO PROPERTY</b> Date Closed: 12/08/94	<b>790 NORTHERN BLVD</b>	<b>W 1/8 - 1/4 (0.245 mi.)</b>	<b>H59</b>	<b>208</b>
<b>BIENER PROPERTY</b>	<b>779 NORTHERN BLVD</b>	<b>W 1/4 - 1/2 (0.255 mi.)</b>	<b>H60</b>	<b>211</b>
<b>BIENER AUDI</b> Date Closed: 04/27/98	<b>795 NORTHERN BLVD</b>	<b>WNW 1/4 - 1/2 (0.259 mi.)</b>	<b>H61</b>	<b>217</b>
<b>AUTO SPA</b> Date Closed: 08/02/89	<b>780 NORTHERN BLVD</b>	<b>W 1/4 - 1/2 (0.279 mi.)</b>	<b>62</b>	<b>221</b>
<b>BILL SCHMIRGAL (OWNER)</b> Date Closed: 04/21/97	<b>777 NORTHERN BLVD</b>	<b>W 1/4 - 1/2 (0.347 mi.)</b>	<b>64</b>	<b>240</b>
<b>RESIDENCE</b> Date Closed: 11/16/95	<b>58 WEST DRIVE</b>	<b>NNE 1/4 - 1/2 (0.380 mi.)</b>	<b>J68</b>	<b>254</b>
<b>BUTTERFIELD RESIDENCE</b> Date Closed: 01/12/96	<b>17 CENTER DRIVE</b>	<b>NNE 1/4 - 1/2 (0.416 mi.)</b>	<b>J70</b>	<b>259</b>



## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GIFFORDS ENERGY</b> Date Closed: 03/04/87	<b>2 CRESCENT ROAD</b>	<b>NW 1/4 - 1/2 (0.420 mi.)</b>	<b>71</b>	<b>263</b>
<b>TWO SPRUCE TOWER</b> Date Closed: 01/22/90	<b>2 SPRUCE STREET</b>	<b>WNW 1/4 - 1/2 (0.462 mi.)</b>	<b>73</b>	<b>267</b>
<b>RIECH RESIDENCE</b> Date Closed: 07/15/89	<b>3 RIVERS DRIVE</b>	<b>WSW 1/4 - 1/2 (0.492 mi.)</b>	<b>78</b>	<b>281</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MOUNT OLIVE BAPTIST CHURC</b> Date Closed: 03/10/98	<b>43 HIGH STREET</b>	<b>NE 0 - 1/8 (0.005 mi.)</b>	<b>A4</b>	<b>14</b>
<b>NORTH SHORE UNIVERSITY HOSPITA</b> Date Closed: 03/30/92 Date Closed: 01/28/98	<b>300 COMMUNITY DRIVE</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B6</b>	<b>16</b>
<b>NORTH SHORE UNIV HOSP</b> Date Closed: 03/30/92	<b>300 COMMUNITY DRIVE</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B7</b>	<b>43</b>
NO SHORE COMMUNITY HOSPIT Date Closed: 10/10/95	300 COMMUNITY DRIVE	NE 0 - 1/8 (0.006 mi.)	B8	46
NO SHORE UNIVERSITY HOSPI Date Closed: 03/30/92	300 COMMUNITY DRIVE	NE 0 - 1/8 (0.006 mi.)	B10	48
<b>NO SHORE UNIVERSITY HOSP</b> Date Closed: 04/14/93	<b>300 COMMUNITY DRIVE</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B14</b>	<b>54</b>
NORTH SHORE UNIVERS.HOSP Date Closed: 03/30/92	300 COMMUNITY DRIVE	NE 0 - 1/8 (0.006 mi.)	B16	62
<b>WEDGEWOOD CARE CENTER</b> Date Closed: 03/05/92	<b>199 COMMUNITY DRIVE</b>	<b>NNE 0 - 1/8 (0.095 mi.)</b>	<b>D33</b>	<b>128</b>
<b>NORTH SHORE UNIVERSITY HO</b> Date Closed: 11/21/00	<b>350 COMMUNITY DRIVE</b>	<b>SE 0 - 1/8 (0.116 mi.)</b>	<b>F38</b>	<b>145</b>
NO SHORE UNIVERSITY HOSP <b>M&amp;B TRUCKING</b> Date Closed: 01/30/87	350 COMMUNITY DRIVE <b>NORTH SHORE UNIV HOSP</b>	SE 0 - 1/8 (0.116 mi.) <b>ESE 1/8 - 1/4 (0.153 mi.)</b>	F40 <b>44</b>	178 <b>184</b>
<b>PANEL REALTY</b> Date Closed: 09/13/91	<b>100 COMMUNITY DRIVE</b>	<b>N 1/8 - 1/4 (0.158 mi.)</b>	<b>E46</b>	<b>188</b>
<b>NCPD 6TH PREC</b> Date Closed: 10/07/92	<b>100 COMMUNITY DRIVE</b>	<b>N 1/8 - 1/4 (0.158 mi.)</b>	<b>E47</b>	<b>190</b>
NCPD Date Closed: 07/06/95	100 COMMUNITY DRIVE	N 1/8 - 1/4 (0.158 mi.)	E50	194
<b>Not reported</b> Date Closed: 06/30/00	<b>COMMUNITY DR &amp; RTE 25A</b>	<b>N 1/8 - 1/4 (0.239 mi.)</b>	<b>58</b>	<b>206</b>
<b>ACE AUTO BODY &amp; TOWING CORP</b> Date Closed: 05/04/90	<b>3 E SHORE RD</b>	<b>N 1/4 - 1/2 (0.292 mi.)</b>	<b>63</b>	<b>226</b>
<b>MOBIL</b> Date Closed: 08/13/96	<b>MAPLE AVE &amp; NORTHERN BLN</b>	<b>NNE 1/4 - 1/2 (0.356 mi.)</b>	<b>I65</b>	<b>242</b>
<b>MOBIL OIL CORP SS #K5X</b> Date Closed: 09/12/96	<b>1111 NORTHERN BLVD</b>	<b>NNE 1/4 - 1/2 (0.357 mi.)</b>	<b>I66</b>	<b>244</b>
<b>MANHASSET SCHOOLS</b> Date Closed: 10/14/87	<b>MUNCEY LANE SCHOOL</b>	<b>NNE 1/4 - 1/2 (0.387 mi.)</b>	<b>69</b>	<b>256</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CITGO</b> Date Closed: 02/03/95	<b>265 E SHORE RD</b>	<b>NNW 1/4 - 1/2 (0.492 mi.)</b>	<b>K75</b>	<b>273</b>
<b>NASSAU COUNTY ROAD MAINT</b> Date Closed: 03/26/98	<b>BAYVIEW AVE/SHORE ROAD</b>	<b>NNW 1/4 - 1/2 (0.492 mi.)</b>	<b>K77</b>	<b>279</b>

### **State and tribal registered storage tank lists**

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 UST list, as provided by EDR, and dated 01/02/2013 has revealed that there are 11 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPINNEY HILL HOMES	POND HILL RD.	S 0 - 1/8 (0.055 mi.)	22	92
800 NORTHERN CORPORATION	800 NORTHERN BLVD	WNW 1/8 - 1/4 (0.230 mi.)	H56	205
INFOSERVE CORPORATION	800 NORTHERN BLVD	WNW 1/8 - 1/4 (0.230 mi.)	H57	206
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
N. SHORE HOSPITAL NURSING	300 COMMUNITY DRIVE	NE 0 - 1/8 (0.006 mi.)	B5	16
<b>NSUH MONTI PAVILION</b>	<b>300 COMMUNITY DR</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B11</b>	<b>50</b>
<b>N.S. UNIVERSITY HOSPITAL</b>	<b>300 COMMUNITY DR.</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B15</b>	<b>58</b>
<b>GREENTREE FOUNDATION - JOHN HA</b>	<b>220 COMMUNITY DR</b>	<b>NNE 0 - 1/8 (0.072 mi.)</b>	<b>D26</b>	<b>101</b>
NORTH SHORE COMMUNITY SRVCS -R	200 COMMUNITY DR	NNE 0 - 1/8 (0.093 mi.)	D31	127
NC PD SIXTH PRECINCT GARAGE	100 COMMUNITY DR	N 1/8 - 1/4 (0.158 mi.)	E48	193
<b>NS/LIJ DIALYSIS CENTER - COMMU</b>	<b>100-150 COMMUNITY DR</b>	<b>N 1/8 - 1/4 (0.158 mi.)</b>	<b>E49</b>	<b>193</b>
1000 NORTHERN BLVD CORP.	1000 NORTHERN BLVD	N 1/8 - 1/4 (0.168 mi.)	G53	204

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 AST list, as provided by EDR, and dated 01/02/2013 has revealed that there are 9 AST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NSUH MONTI PAVILION</b>	<b>300 COMMUNITY DR</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B11</b>	<b>50</b>
<b>N.S. UNIVERSITY HOSPITAL</b>	<b>300 COMMUNITY DR.</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B15</b>	<b>58</b>
NSUH NURSING HOME (CECR)	330 COMMUNITY DR	ESE 0 - 1/8 (0.045 mi.)	C19	89
<b>GREENTREE FOUNDATION - JOHN HA</b>	<b>220 COMMUNITY DR</b>	<b>NNE 0 - 1/8 (0.072 mi.)</b>	<b>D26</b>	<b>101</b>
GREENTREE FOUNDATION	270 VALLEY RD.	NNE 0 - 1/8 (0.078 mi.)	D30	126
HIGHFIELD GARDENS CARE CENTER	199 COMMUNITY DR	NNE 0 - 1/8 (0.095 mi.)	D34	134
WEDGEWOOD REHABILITATION CARE	179 COMMUNITY DR	NNE 0 - 1/8 (0.109 mi.)	E35	134
<b>NS/LIJ DIALYSIS CENTER - COMMU</b>	<b>100-150 COMMUNITY DR</b>	<b>N 1/8 - 1/4 (0.158 mi.)</b>	<b>E49</b>	<b>193</b>
MANHASSET LAKEVILLE F.D. CO.#2	2 COMMUNITY DR	N 1/8 - 1/4 (0.196 mi.)	G54	204

## EXECUTIVE SUMMARY

### 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 02/19/2013 has revealed that there are 8 NY Spills sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OLD AGE HOME Date Closed: 3/18/2005	199 COMMUNITY DRIVE	ENE 0 - 1/8 (0.005 mi.)	B3	12
<b>NORTH SHORE UNIVERSITY HOSPITA</b> Date Closed: 12/27/2001 Date Closed: 3/30/2004 <i>*Additional key fields are available in the Map Findings section</i>	<b>300 COMMUNITY DRIVE</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B6</b>	<b>16</b>
<b>NORTH SHORE HOSPITAL</b> Date Closed: 2/10/2011	<b>330 COMMUNITY DRIVE</b>	<b>ESE 0 - 1/8 (0.045 mi.)</b>	<b>C20</b>	<b>89</b>
<b>JACKIE LOVE</b> Date Closed: 7/5/1991	<b>222 COMMUNITY DRIVE</b>	<b>NNE 0 - 1/8 (0.071 mi.)</b>	<b>D23</b>	<b>92</b>
UNKNOWN Date Closed: 10/26/2010 Date Closed: 8/15/2008	220 COMMUNITY DRIVE	NNE 0 - 1/8 (0.072 mi.)	D25	98
<b>OFFICE BUILDING</b> Date Closed: 3/3/1997	<b>225 COMMUNITY DRIVE</b>	<b>NNE 0 - 1/8 (0.076 mi.)</b>	<b>D27</b>	<b>103</b>
<b>WEDGEWOOD CARE CENTER</b> Date Closed: 2/6/2006 Date Closed: 3/23/2000	<b>199 COMMUNITY DRIVE</b>	<b>NNE 0 - 1/8 (0.095 mi.)</b>	<b>D33</b>	<b>128</b>
<b>NORTH SHORE UNIVERSITY HO</b> Date Closed: 11/21/2000	<b>350 COMMUNITY DRIVE</b>	<b>SE 0 - 1/8 (0.116 mi.)</b>	<b>F38</b>	<b>145</b>

NY Hist Spills: 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.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 11 NY Hist Spills sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NORTH SHORE UNIVERSITY HOSPITA</b>	<b>300 COMMUNITY DRIVE</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B6</b>	<b>16</b>
<b>NORTH SHORE UNIV HOSP</b>	<b>300 COMMUNITY DRIVE</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B7</b>	<b>43</b>
Not reported	300 COMMUNITY DRIVE	NE 0 - 1/8 (0.006 mi.)	B9	47
NORTH SHORE UNIVER HOSPIT	300 COMMUNITY DRIVE	NE 0 - 1/8 (0.006 mi.)	B12	52
NORTH SHORE COMM HOSPITAL	300 COMMUNITY DRIVE	NE 0 - 1/8 (0.006 mi.)	B13	53
<b>NO SHORE UNIVERSITY HOSP</b>	<b>300 COMMUNITY DRIVE</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B14</b>	<b>54</b>
<b>NORTH SHORE UNIVERSITY HOSPITA</b>	<b>300 COMMUNITY DR</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B17</b>	<b>63</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NORTH SHORE HOSPITAL</b>	<b>330 COMMUNITY DRIVE</b>	<b>ESE 0 - 1/8 (0.045 mi.)</b>	<b>C20</b>	<b>89</b>
<b>JACKIE LOVE</b>	<b>222 COMMUNITY DRIVE</b>	<b>NNE 0 - 1/8 (0.071 mi.)</b>	<b>D23</b>	<b>92</b>
<b>OFFICE BUILDING</b>	<b>225 COMMUNITY DRIVE</b>	<b>NNE 0 - 1/8 (0.076 mi.)</b>	<b>D27</b>	<b>103</b>
Not reported	199 COMMUNITY DRIVE	NNE 0 - 1/8 (0.095 mi.)	D32	127

### **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 02/12/2013 has revealed that there are 7 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ROYAL ZENITH</b>	<b>222 COMMUNITY DR</b>	<b>NNE 0 - 1/8 (0.071 mi.)</b>	<b>D24</b>	<b>94</b>
<b>GREENTREE</b>	<b>270 VALLEY RD</b>	<b>NNE 0 - 1/8 (0.078 mi.)</b>	<b>D29</b>	<b>120</b>
<b>NORTH SHORE MUSCULOSKELETAL IN</b>	<b>179 COMMUNITY DR</b>	<b>NNE 0 - 1/8 (0.109 mi.)</b>	<b>E36</b>	<b>135</b>
<b>IMUNO SCIENCES</b>	<b>160 COMMUNITY DR</b>	<b>NNE 0 - 1/8 (0.123 mi.)</b>	<b>E41</b>	<b>179</b>
<b>BIO-SCIENCE LABORATORIES</b>	<b>150 COMMUNITY DR</b>	<b>NNE 1/8 - 1/4 (0.127 mi.)</b>	<b>E42</b>	<b>181</b>
<b>MANHASSET LAKEVILLE FIRE CO #2</b>	<b>COMMUNITY DR E</b>	<b>SE 1/8 - 1/4 (0.136 mi.)</b>	<b>F43</b>	<b>182</b>
<b>BARCLAYS BANK</b>	<b>100 COMMUNITY DR</b>	<b>N 1/8 - 1/4 (0.158 mi.)</b>	<b>E45</b>	<b>186</b>

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the MANIFEST list, as provided by EDR, and dated 02/01/2013 has revealed that there are 7 MANIFEST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NORTH SHORE UNIVERSITY HOSPITAL</b>	<b>300 COMMUNITY DRIVE</b>	<b>NE 0 - 1/8 (0.006 mi.)</b>	<b>B6</b>	<b>16</b>
<b>ROYAL ZENITH</b>	<b>222 COMMUNITY DR</b>	<b>NNE 0 - 1/8 (0.071 mi.)</b>	<b>D24</b>	<b>94</b>
<b>INTERNATIONAL BIOIMMUNE SYSTEM</b>	<b>225 COMMUNITY DR W SUIT</b>	<b>NNE 0 - 1/8 (0.077 mi.)</b>	<b>D28</b>	<b>105</b>
<b>GREENTREE</b>	<b>270 VALLEY RD</b>	<b>NNE 0 - 1/8 (0.078 mi.)</b>	<b>D29</b>	<b>120</b>
<b>NORTH SHORE MUSCULOSKELETAL IN</b>	<b>179 COMMUNITY DR</b>	<b>NNE 0 - 1/8 (0.109 mi.)</b>	<b>E36</b>	<b>135</b>
<b>NORTH SHORE UNIVERSITY HO</b>	<b>350 COMMUNITY DRIVE</b>	<b>SE 0 - 1/8 (0.116 mi.)</b>	<b>F38</b>	<b>145</b>
<b>NASSAU COUNTY POLICE DEPT-SIXT</b>	<b>100 COMMUNITY DR</b>	<b>N 1/8 - 1/4 (0.158 mi.)</b>	<b>E51</b>	<b>195</b>

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected

## EXECUTIVE SUMMARY

listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there is 1 EDR US Hist Auto Stat site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	250 COMMUNITY DR	NNE 0 - 1/8 (0.049 mi.)	D21	91

EDR US Hist 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.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 2 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

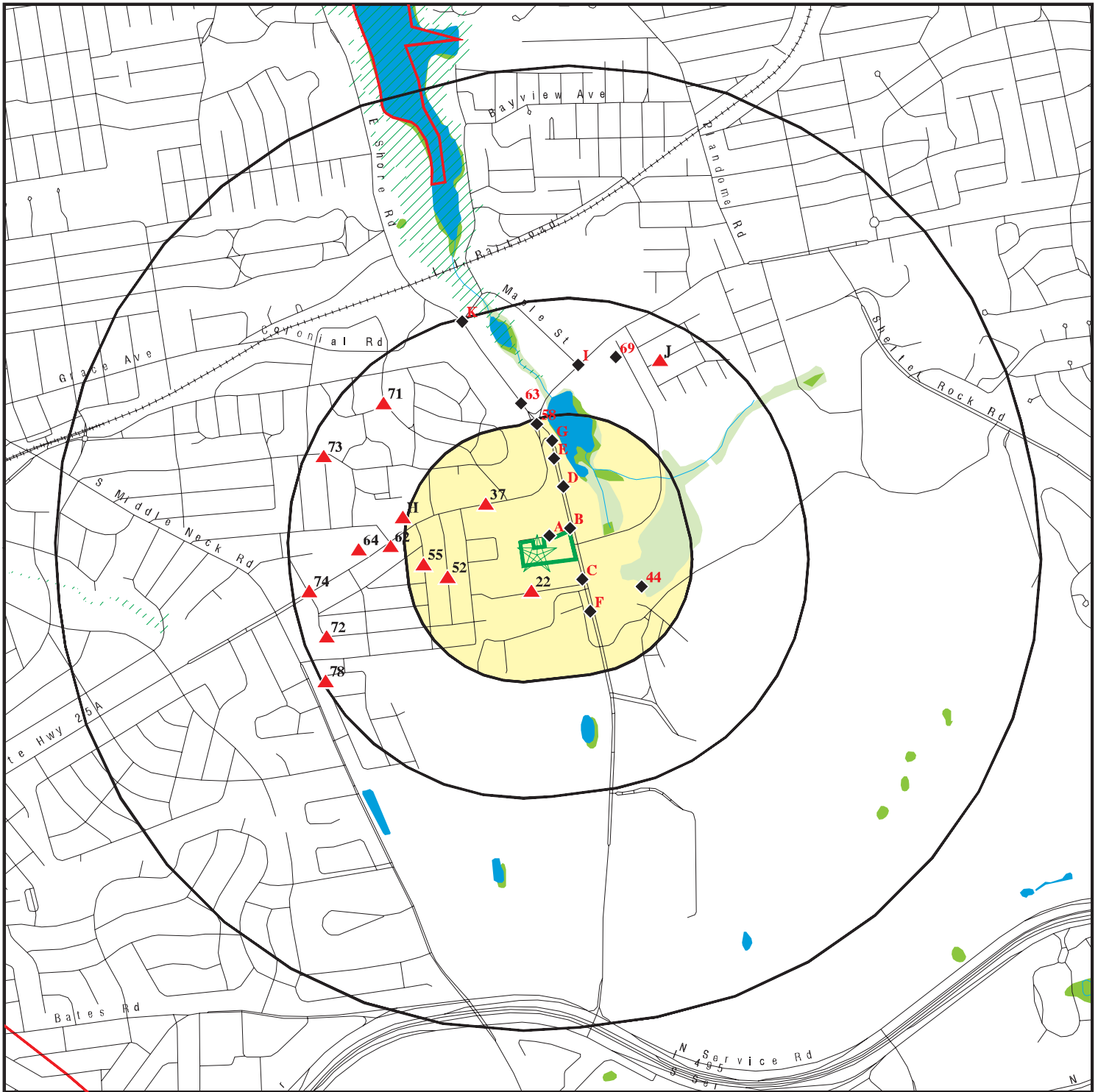
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	891 NORTHERN BLVD	NW 0 - 1/8 (0.112 mi.)	37	145
Not reported	12 CLARK DR	W 1/8 - 1/4 (0.212 mi.)	55	205

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 18 records.

<u>Site Name</u>	<u>Database(s)</u>
SHELTER ROCK ROAD WELL	CBS UST, CBS
VALLEY ROAD WELL STATION	CBS UST, CBS AST, CBS
EXXON 3-4372	MANIFEST
NYSDEC	MANIFEST
DENTON AVE. LANDFILL	SWF/LF
SHELL - WOODHAVEN SERVICE STATION	UST
MAN-LAKE W.D.WELL N-12802	UST
WATER NECK NO. W.A. 12&13	UST, AST
WHITNEY POND PARK	AST
MAN-LAKE W.D.WELL N-12802	AST
NYSOT BIN 1049009	RCRA-LQG
UNK	NY Spills, NY Hist Spills
UNK	NY Spills, NY Hist Spills
UNK	NY Spills, NY Hist Spills
ANASTSIOS LANDSCAPE INC	NY Spills, NY Hist Spills
UNKNOWN	NY Spills
VALLEY ROAD STATION	NY Spills
MUNICIPAL WELL SITE/ GREAT NECK NO	NY Spills

# OVERVIEW MAP - 3577394.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

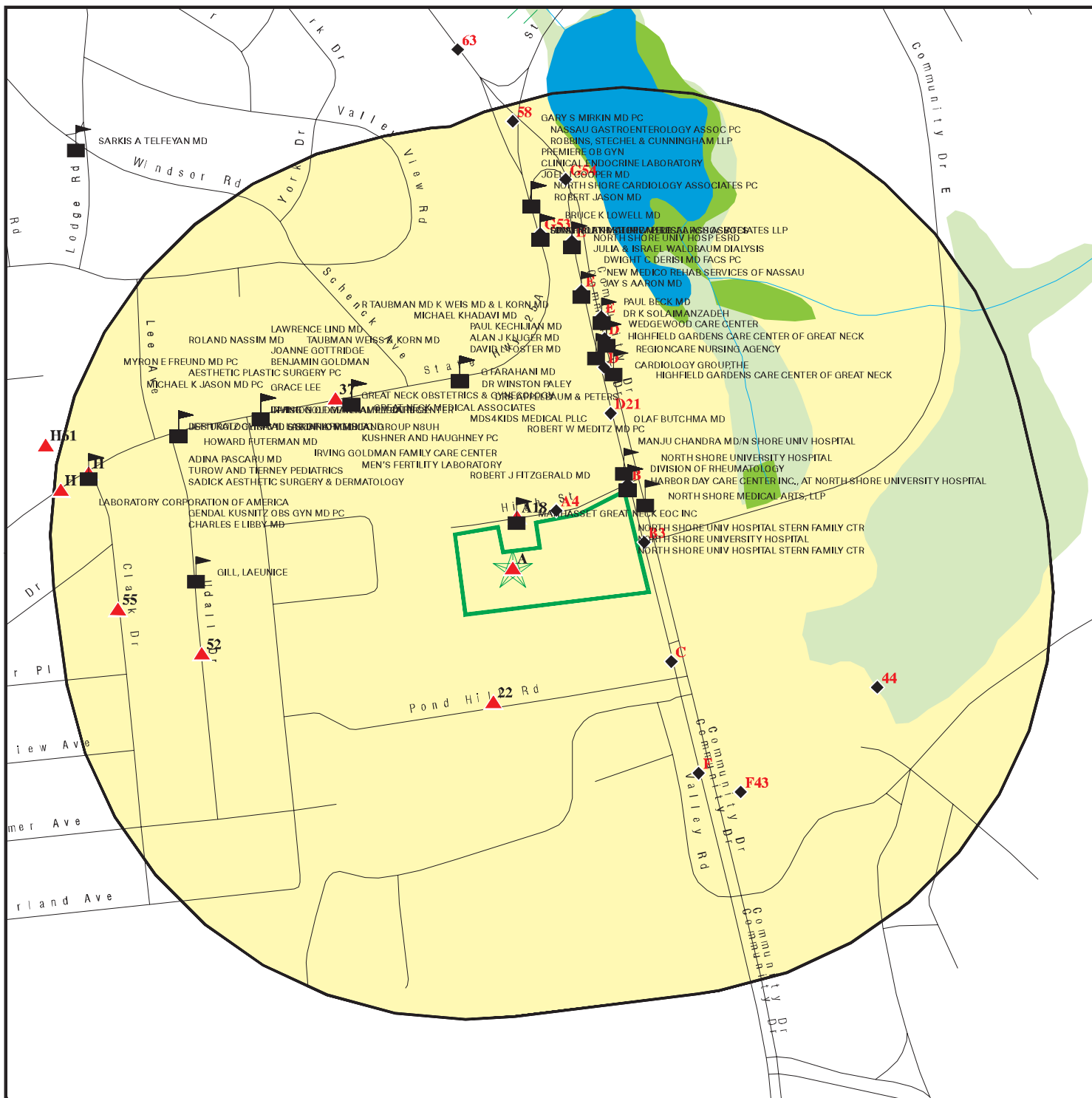
State Wetlands

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: Mt. Olive  
 ADDRESS: HIGH ST  
 Manhasset NY 11030  
 LAT/LONG: 40.7838 / 73.7061

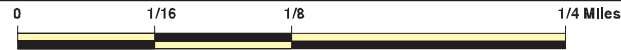
CLIENT: Paulus, Sokolowski & Sartor  
 CONTACT: Adrianna Bosco  
 INQUIRY #: 3577394.2s  
 DATE: April 16, 2013 10:01 am

# DETAIL MAP - 3577394.2s



- 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
- Oil & Gas pipelines from USGS
- 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: Mt. Olive  
 ADDRESS: HIGH ST  
 Manhasset NY 11030  
 LAT/LONG: 40.7838 / 73.7061

CLIENT: Paulus, Sokolowski & Sartor  
 CONTACT: Adrianna Bosco  
 INQUIRY #: 3577394.2s  
 DATE: April 16, 2013 10:03 am



## 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
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
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		2	1	NR	NR	NR	3
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	0	0	NR	0
VAPOR REOPENED	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LTANKS	0.500	2	5	5	13	NR	NR	25
HIST LTANKS	0.500	2	11	7	15	NR	NR	35
INDIAN LUST	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
<b>State and tribal registered storage tank lists</b>								
TANKS	0.250		0	0	NR	NR	NR	0
UST	0.250		6	5	NR	NR	NR	11
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
AST	0.250		7	2	NR	NR	NR	9
CBS AST	0.250		0	0	NR	NR	NR	0
MOSF AST	0.500		0	0	0	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
CBS	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
RES DECL	0.125		0	NR	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
ERP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
HIST UST	0.250		0	0	NR	NR	NR	0
HIST AST	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
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		8	NR	NR	NR	NR	8
NY Hist Spills	0.125		11	NR	NR	NR	NR	11
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		4	3	NR	NR	NR	7
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		6	1	NR	NR	NR	7
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
SPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	0.125		0	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	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
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## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
EDR US Hist Auto Stat	0.250		1	0	NR	NR	NR	1
EDR US Hist Cleaners	0.250		1	1	NR	NR	NR	2

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**      **HEMPSTEAD HOUSING AUTH**  
**Target**    **HIGH STREET**  
**Property**   **MANHASSET, NY**

**LTANKS**    **S103479739**  
**HIST LTANKS**    **N/A**

**Site 1 of 4 in cluster A**

**Actual:**  
**64 ft.**

**LTANKS:**

Site ID: 200580  
Spill Number/Closed Date: 9808168 / 5/25/2004  
Spill Date: 10/2/1998  
Spill Cause: Tank Overfill  
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: 3000  
Investigator: MJDARCAN  
Referred To: Not reported  
Reported to Dept: 10/2/1998  
CID: 382  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 10/2/1998  
Spill Record Last Update: 5/25/2004  
Spiller Name: Not reported  
Spiller Company: UNKNOWN  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller County: 999  
Spiller Contact: HEMPSTEAD HOUSING AUTH  
Spiller Phone: (516) 627-6433  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 166920  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was

"DARCANGELO"10/5/98 9:45 CC T/C TO JIM CAREY - 5 GAL SPILL, CAME OUT VENT, MILRO TOOK OUT CONT SOIL, CLEANUP DONE.10/5/98 10:14 CC T/C TO HEMPSTEAD HOUSING AUTHORITY - TONY - HAS ANOTHER SPILL ON PROPERTY, A WELL IS ON SITE FOR OTHER SPILL 97-08141 (MATT DARCANGELO). MATT DOING AN INSPECTION OF SPILL #97-08141 LATER THIS WEEK.  
Remarks: DURING A TANK FILL THERE WAS AN OVERFLOW. THEY ARE TRYING TO CONTACT OWNER AT THIS TIME.

**Material:**

Site ID: 200580  
Operable Unit ID: 1069345  
Operable Unit: 01  
Material ID: 315693  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 6  
Units: Gallons

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HEMPSTEAD HOUSING AUTH (Continued)**

**S103479739**

Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**HIST LTANKS:**

Region of Spill: 1  
Spill Number/Closed Date: 9808168 / Not Closed  
Spill Date: 10/02/1998  
Spill Time: 17:15  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
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: / /  
Cleanup Meets Standard: False  
Investigator: DARCANGELO  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 10/02/98  
Reported to Department Time: 17:53  
SWIS: 28  
Spiller Contact: HEMPSTEAD HOUSING AUTH  
Spiller Phone: (516) 627-6433  
Spiller Extention: Not reported  
Spiller Name: UNKNOWN  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Other  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 10/02/98  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 10/06/98  
Is Updated: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HEMPSTEAD HOUSING AUTH (Continued)**

**S103479739**

Tank:

Material:

Material Class Type: Petroleum

Quantity Spilled: 6

Unkonwn Quantity Spilled: False

Units: Gallons

Quantity Recovered: 0

Unkonwn Quantity Recovered: False

Material: #2 FUEL OIL

Class Type: #2 FUEL OIL

Times Material Entry In File: 24464

CAS Number: Not reported

Last Date: 19941207

DEC Remarks: 10/5/98 9:45 CC T/C TO JIM CAREY - 5 GAL SPILL, CAME OUT VENT, MILRO TOOK OUT CONT SOIL, CLEANUP DONE. 10/5/98 10:14 CC T/C TO HEMPSTEAD HOUSING AUTHORITY - TONY - HAS ANOTHER SPILL ON PROPERTY, A WELL IS ON SITE FOR OTHER SPILL 97-08141 MATT DARCANGELO). MATT DOING AN INSPECTION OF SPILL 97-08141 LATER THIS WEEK.

Spill Cause: DURING A TANK FILL THERE WAS AN OVERFLOW. THEY ARE TRYING TO CONTACT OWNER AT THIS TIME.

**A2  
Target  
Property**

**NORTH HEMPSTEAD HOUSING  
HIGH COURT STREET  
MANHASSET, NY**

**LTANKS S102659617  
HIST LTANKS N/A**

**Site 2 of 4 in cluster A**

**Actual:  
64 ft.**

LTANKS:

Site ID: 209318

Spill Number/Closed Date: 9708141 / 5/7/1999

Spill Date: 10/10/1997

Spill Cause: Tank Test 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: True

SWIS: 3022

Investigator: MJDARCAN

Referred To: Not reported

Reported to Dept: 10/10/1997

CID: 369

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: 10/10/1997

Spill Record Last Update: 9/15/2011

Spiller Name: RICHARD PHILBIN CC: EDWARD LANCASTEN

Spiller Company: NORTH HEMPSTEAD HOUSING

Spiller Address: POND HILL ROAD

Spiller City,St,Zip: GREAT NECK, NY 11020

Spiller County: 001

Spiller Contact: RICHARD PHILBIN

Spiller Phone: (516) 627-6433

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH HEMPSTEAD HOUSING (Continued)**

**S102659617**

Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 173583  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "DARCANGELO WELL" TANK ABANDONED, BORINGS PERFORMED, DOWN GRADIENT MONITORING WELL INSTALLED AT LOCATION OF LINE LEAK, 11 TONS SOIL EXCAVATED AND DISPOSED OF. NO PRODUCT IN MONITORING WELL, NO FURTHER ACTION  
Remarks: TANK TEST FAILURE-NO CALL BACK REQUIRED PER TESTER.

Material:

Site ID: 209318  
Operable Unit ID: 1054807  
Operable Unit: 01  
Material ID: 330128  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 9708141 / 05/07/99  
Spill Date: 10/10/1997  
Spill Time: 11:00  
Spill Cause: Tank Test Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Investigator: DARCANGELO WELL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 10/10/97  
Reported to Department Time: 11:12  
SWIS: 28  
Spiller Contact: RICHARD PHILBIN  
Spiller Phone: (516) 627-6433  
Spiller Extention: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH HEMPSTEAD HOUSING (Continued)**

**S102659617**

Spiller Name: NORTH HEMPSTEAD HOUSING  
Spiller Address: 899 BROADWAY  
Spiller City,St,Zip: WESTBURY, NY  
Spiller Cleanup Date: / /  
Facility Contact: RICHARD PHILBIN  
Facility Phone: (516) 627-6433  
Facility Extension: Not reported  
Spill Notifier: Tank Tester  
PBS Number: 5-7149  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 10/10/97  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 05/10/99  
Is Updated: False

**Tank:**

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: TANK ABANDONED, BORINGS PERFORMED, DOWN GRADIENT MONITORING WELL INSTALLED AT LOCATION OF LINE LEAK, 11 TONS SOIL EXCAVATED AND DISPOSED OF. NO PRODUCT IN MONITORING WELL, NO FURTHER ACTION  
Spill Cause: TANK TEST FAILURE-NO CALLBACK REQUIRED PER TESTER.

**B3**  
**ENE**  
**< 1/8**  
**0.005 mi.**  
**25 ft.**

**OLD AGE HOME**  
**199 COMMUNITY DRIVE**  
**LAKEVILLE, NY**  
**Site 1 of 14 in cluster B**

**NY Spills S109826336**  
**N/A**

**Relative:**  
**Lower**

**SPILLS:**

**Actual:**  
**43 ft.**

Facility ID: 0412361  
DER Facility ID: 273193  
Facility Type: ER  
Site ID: 337852  
DEC Region: 1  
Spill Date: 2/19/2005  
Spill Number/Closed Date: 0412361 / 3/18/2005  
Spill Cause: Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
SWIS: 3020

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OLD AGE HOME (Continued)**

**S109826336**

Investigator: KMYAGER  
Referred To: Not reported  
Reported to Dept: 2/19/2005  
CID: 27  
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: 2/22/2005  
Spill Record Last Update: 6/30/2009  
Spiller Name: THOMAS CHERUBINO  
Spiller Company: BLT TRANSPORTER  
Spiller Address: 50 COMMERACE ST  
Spiller City,St,Zip: BROOKLYN, NY 11231  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: SPOKE WITH TOM CHERUBINE, TANK WAS OVERFILLED, GROUND WAS FROZEN, CASTLE DOING CLEANUP

Remarks: Caller reports his driver overfilled the tank. Oil spilled out the vent quick valve. Spill was 5 to 10 gallons into a catch basin. Callers company and Castle Oil will be doing the cleanup. Caller did not know the name of the old age home. Oil went into dirt pit. Call Jim Carey from Castle Oil 718-579-3410.

Material:  
Site ID: 337852  
Operable Unit ID: 1099863  
Operable Unit: 01  
Material ID: 580140  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 10  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A4  
NE  
< 1/8  
0.005 mi.  
27 ft.

**MOUNT OLIVE BAPTIST CHURC**  
**43 HIGH STREET**  
**MANHASSET, NY**

**LTANKS** **S102233054**  
**HIST LTANKS** **N/A**

**Site 3 of 4 in cluster A**

**Relative:**  
**Lower**

LTANKS:

**Actual:**  
**56 ft.**

Site ID: 296341  
Spill Number/Closed Date: 9512353 / 3/10/1998  
Spill Date: 1/1/1996  
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: True  
SWIS: 3022  
Investigator: GIBBONS  
Referred To: Not reported  
Reported to Dept: 1/3/1996  
CID: 266  
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: 1/3/1996  
Spill Record Last Update: 5/23/2007  
Spiller Name: REVERAND EDWARD CORLEY  
Spiller Company: MOUNT OLIVE BAPTIST CHURC  
Spiller Address: 43 HIGH STREET  
Spiller City,St,Zip: MANHASSET, NY  
Spiller County: 001  
Spiller Contact: REVERAND EDWARD CORLEY  
Spiller Phone: ( ) 627-0277  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 280181  
DEC Memo: Not reported  
Remarks: TANK APPROXIMATELY 60 YEARS OLD. REVERAND CORLEY FEELS THAT HE IS USING TOO MUCH FUEL; MORE THAN LAST YEAR. CORLEY WILL PROBABLY REMOVE THE TANK.

Material:

Site ID: 296341  
Operable Unit ID: 1023455  
Operable Unit: 01  
Material ID: 356102  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOUNT OLIVE BAPTIST CHURC (Continued)**

**S102233054**

Tank Test:

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 9512353 / 03/10/98  
Spill Date: 01/01/1996  
Spill Time: 12:00  
Spill Cause: Tank Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Investigator: GIBBONS  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 01/03/96  
Reported to Department Time: 11:42  
SWIS: 28  
Spiller Contact: REVERAND EDWARD CORLEY  
Spiller Phone: ( ) 627-0277  
Spiller Extention: Not reported  
Spiller Name: MOUNT OLIVE BAPTIST CHURC  
Spiller Address: 43 HIGH STREET  
Spiller City,St,Zip: MANHASSET, NY  
Spiller Cleanup Date: / /  
Facility Contact: REVERAND EDWARD CORLEY  
Facility Phone: ( ) 627-0277  
Facility Extention: Not reported  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 01/03/96  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 03/11/98  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOUNT OLIVE BAPTIST CHURC (Continued)**

**S102233054**

Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: TANK APPROXIMATELY 60 YEARS OLD. REVERAND CORLEY FEELS THAT HE IS USING TOO MUCH FUEL; MORE THAN LAST YEAR. CORLEY WILL PROBABLY REMOVE THE TANK.

**B5  
NE  
< 1/8  
0.006 mi.  
32 ft.**

**N. SHORE HOSPITAL NURSING  
300 COMMUNITY DRIVE  
MANHASSET, NY**

**UST U003376776  
N/A**

**Site 2 of 14 in cluster B**

**Relative:  
Lower**

NASSAU CO. UST:  
Facility ID: 039023  
Owner Name: N. SHORE HOSPITAL NURSING  
Owner Address: 300 COMMUNITY DRIVE  
Owner City,St,Zip: MANHASSET, NY 11030  
Permitee Name: Not reported  
Permitee Address: Not reported  
Permitee City,St,Zip: Not reported

**Actual:  
38 ft.**

Tank ID: 0001  
Tank Location: Indoors, Belowground  
Capacity (Gal): 00007500  
Tank Status: In Service  
Tank Material: STEEL  
Int Protection: None  
Ext Protection: PAINTED [e.g. asphaltic]  
Piping Type: Steel/Iron  
Material Type: Fresh/Product  
Description: OIL, FUEL #2  
Leak Detect: ELECTRONIC  
Containment: VAULT  
Product Gauge: Yes  
Dispense Method: Suction  
Fill Type: Gravity  
Install Date: 101988

**B6  
NE  
< 1/8  
0.006 mi.  
32 ft.**

**NORTH SHORE UNIVERSITY HOSPITAL  
300 COMMUNITY DRIVE  
MANHASSET, NY**

**LTANKS S100149917  
HIST LTANKS N/A  
MANIFEST  
NY Spills  
NY Hist Spills**

**Site 3 of 14 in cluster B**

**Relative:  
Lower**

LTANKS:  
Site ID: 251033  
Spill Number/Closed Date: 9414717 / 1/28/1998  
Spill Date: 2/8/1995

**Actual:  
38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Spill Cause: Tank Overfill  
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: True  
SWIS: 3022  
Investigator: GIBBONS  
Referred To: Not reported  
Reported to Dept: 2/8/1995  
CID: Not reported  
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: 2/9/1995  
Spill Record Last Update: 5/23/2007  
Spiller Name: Not reported  
Spiller Company: HESS OIL  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: VIC COMPOSITI  
Spiller Phone: (516) 562-4238  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 291046  
DEC Memo: Not reported  
Remarks: TANK WAS OVERFILLED, OIL IN PARKING LOT RGM REMOVED,NO DRAINAGE

Material:

Site ID: 251033  
Operable Unit ID: 1008236  
Operable Unit: 01  
Material ID: 373446  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 200  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 251031  
Spill Number/Closed Date: 9211453 / 4/14/1993  
Spill Date: 1/5/1993  
Spill Cause: Tank Overfill  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 4/14/1993  
Cleanup Meets Standard: True  
SWIS: 3000  
Investigator: WJPARISH  
Referred To: Not reported  
Reported to Dept: 1/6/1993  
CID: Not reported  
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: 1/7/1993  
Spill Record Last Update: 12/13/2001  
Spiller Name: Not reported  
Spiller Company: CASTLE OIL CO  
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: 1  
DER Facility ID: 205745  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "PARISH"04/14/93: MEG HIRED BY NORTH SHORE TO DO CLEANUP. SOIL REMOVED. AS PER HOSP 30-55 GAL DRUMS OF SOIL REMOVED.  
Remarks: EMPLOYEES DISCOVERED SPILL THURS AM, RGM TO CLEAN SPILL, NO CALL BACK NECESSARY

Material:  
Site ID: 251031  
Operable Unit ID: 975747  
Operable Unit: 01  
Material ID: 404855  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 30  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 251028  
Spill Number/Closed Date: 8804801 / 3/30/1992  
Spill Date: 8/31/1988  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Cleanup Ceased: 3/30/1992  
Cleanup Meets Standard: True  
SWIS: 3000  
Investigator: KDGORTZ  
Referred To: Not reported  
Reported to Dept: 8/31/1988  
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: 9/2/1988  
Spill Record Last Update: 3/25/2002  
Spiller Name: Not reported  
Spiller Company: NORTH SHORE UNIVERS HOSP  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 205745  
DEC Memo: Not reported  
Remarks: INITIAL FAILURE GROSS LEAK IN MANHOLE. 2-12K USING HORNER METHOD. TO RETEST AFTER REPAIR LEAKING MANHOLE

**Material:**

Site ID: 251028  
Operable Unit ID: 919928  
Operable Unit: 01  
Material ID: 456733  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 251028  
Spill Tank Test: 1534548  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Site ID: 251026  
Spill Number/Closed Date: 8801786 / 3/30/1992  
Spill Date: 5/26/1988  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 3/30/1992  
Cleanup Meets Standard: True  
SWIS: 3000  
Investigator: KDGORTZ  
Referred To: Not reported  
Reported to Dept: 5/26/1988  
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: 5/27/1988  
Spill Record Last Update: 1/10/2000  
Spiller Name: Not reported  
Spiller Company: NORTSHORE UNIV HOSPITAL  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 205745  
DEC Memo: Not reported  
Remarks: 1X7500 TANK FAILED AT -.0243 TO UNCOVER AND RETEST

**Material:**

Site ID: 251026  
Operable Unit ID: 917242  
Operable Unit: 01  
Material ID: 460910  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 251026  
Spill Tank Test: 1533984  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Site ID: 251024  
Spill Number/Closed Date: 8801705 / 3/30/1992  
Spill Date: 5/24/1988  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Not reported  
Cleanup Ceased: 3/30/1992  
Cleanup Meets Standard: True  
SWIS: 3000  
Investigator: KDKOERTZ  
Referred To: Not reported  
Reported to Dept: 5/24/1988  
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: 5/26/1988  
Spill Record Last Update: 1/10/2000  
Spiller Name: Not reported  
Spiller Company: NORTH SHORE UNIV HOSP  
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: 1  
DER Facility ID: 205745  
DEC Memo: Not reported  
Remarks: 1X25K TANK HOLE OBSERVED IN LINE PUMPED DOWN TO BE REPAIRED

Material:  
Site ID: 251024  
Operable Unit ID: 917181  
Operable Unit: 01  
Material ID: 460832  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Site ID: 251024  
Spill Tank Test: 1533970  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Site ID: 251030  
Spill Number/Closed Date: 9010897 / 3/30/1992  
Spill Date: 1/11/1991  
Spill Cause: Tank Test 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: 3/30/1992  
Cleanup Meets Standard: True  
SWIS: 3000  
Investigator: KMYAGER  
Referred To: Not reported  
Reported to Dept: 1/11/1991  
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: 1/15/1991  
Spill Record Last Update: 11/5/1992  
Spiller Name: Not reported  
Spiller Company: NO SHORE UNIVERSITY HOSPI  
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: 1  
DER Facility ID: 205745  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
"DEROSA"03/30/92: PASSED RETEST 2/1/91.

Remarks: VENT PIPE POSSIBLY LEAKING, NCDH NOTIFIED. WILL EXCAVATE, ISOLATE AND  
RETEST. 7500 TANK GROSS LEAK. LEAK DETECTION TESTER

Material:  
Site ID: 251030  
Operable Unit ID: 947993  
Operable Unit: 01  
Material ID: 431007  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 251030  
Spill Tank Test: 1538150  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Site ID: 251032  
Spill Number/Closed Date: 9311236 / 10/10/1995  
Spill Date: 12/16/1993  
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: Not reported  
Cleanup Meets Standard: False  
SWIS: 3000  
Investigator: T/T/F  
Referred To: Not reported  
Reported to Dept: 12/16/1993  
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: 12/20/1993  
Spill Record Last Update: 10/11/1995  
Spiller Name: Not reported  
Spiller Company: NO SHORE COMMUNITY HOSPIT  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY 11030-001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 205745  
DEC Memo: Not reported  
Remarks: 12K FAILED GROSS LEAK, CROWN TESTER

Material:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Site ID: 251032  
Operable Unit ID: 993109  
Operable Unit: 01  
Material ID: 390279  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 251032  
Spill Tank Test: 1542310  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

**HIST LTANKS:**

Region of Spill: 1  
Spill Number/Closed Date: 9414717 / 01/28/98  
Spill Date: 02/08/1995  
Spill Time: 13:00  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Investigator: GIBBONS  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 02/08/95  
Reported to Department Time: 13:35  
SWIS: 28  
Spiller Contact: VIC COMPOSITI  
Spiller Phone: (516) 562-4238  
Spiller Extension: Not reported  
Spiller Name: HESS OIL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (800) 437-7827  
Facility Extension: Not reported  
Spill Notifier: Affected Persons  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 02/09/95  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 01/30/98  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 200  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205  
DEC Remarks: Not reported  
Spill Cause: TANK WAS OVERFILLED, OIL IN PARKING LOT RGM REMOVED,NO DRAINAGE

Region of Spill: 1  
Spill Number/Closed Date: 8801786 / 03/30/92  
Spill Date: 05/26/1988  
Spill Time: 15:55  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 03/30/92  
Cleanup Meets Standard: True  
Investigator: GOERTZ  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Reported to Department Date: 05/26/88  
Reported to Department Time: 18:11  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: NORTSHORE UNIV HOSPITAL  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 562-4325  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 05/27/88  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 01/10/00  
Is Updated: False

**Tank:**

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 03/30/92: TANK PASSED RETEST, REC VD RESULTS 3/30/92.  
Spill Cause: 1X7500 TANK FAILED AT -.0243 TO UNCOVER AND RETEST

**NY MANIFEST:**

EPA ID: NYD072364490  
Country: USA  
Mailing Name: NORTSHORE UNIV HOSP/SAFETY OFFICE  
Mailing Contact: NORTSHORE UNIVERSITY HOSP/SAFETY OFFICE  
Mailing Address: 300 COMMUNITY DRIVE  
Mailing Address 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Mailing City: MANHASSET  
Mailing State: NY  
Mailing Zip: 11030  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-562-0100

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-01-03  
Trans1 Recv Date: 2011-01-03  
Trans2 Recv Date: 2011-01-03  
TSD Site Recv Date: 2011-01-16  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: ARD069748192  
Waste Code: Not reported  
Quantity: 40.0  
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: 2011  
Manifest Tracking Num: 002959421FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-03-07  
Trans1 Recv Date: 2011-03-07  
Trans2 Recv Date: 2011-03-09  
TSD Site Recv Date: 2011-03-18  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

TSDF ID: ARD069748192  
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: 2011  
Manifest Tracking Num: 002959440FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-03-07  
Trans1 Recv Date: 2011-03-07  
Trans2 Recv Date: 2011-03-09  
TSD Site Recv Date: 2011-03-18  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: ARD069748192  
Waste Code: Not reported  
Quantity: 580.0  
Units: P - Pounds  
Number of Containers: 3.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 002959440FLE  
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: H040

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-03-07  
Trans1 Recv Date: 2011-03-07  
Trans2 Recv Date: 2011-03-09  
TSD Site Recv Date: 2011-03-18  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 2.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 002959440FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-05-13  
Trans1 Recv Date: 2011-05-13  
Trans2 Recv Date: 2011-05-19  
TSD Site Recv Date: 2011-05-26  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Year: 2011  
Manifest Tracking Num: 003398946FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-05-13  
Trans1 Recv Date: 2011-05-13  
Trans2 Recv Date: 2011-05-19  
TSD Site Recv Date: 2011-05-26  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 70.0  
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: 2011  
Manifest Tracking Num: 003398946FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-05-13  
Trans1 Recv Date: 2011-05-13

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Trans2 Recv Date: 2011-05-19  
TSD Site Recv Date: 2011-05-26  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 500.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 003398946FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-05-13  
Trans1 Recv Date: 2011-05-13  
Trans2 Recv Date: 2011-05-19  
TSD Site Recv Date: 2011-05-26  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 2.0  
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: 2011  
Manifest Tracking Num: 003398946FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-05-13  
Trans1 Recv Date: 2011-05-13  
Trans2 Recv Date: 2011-05-19  
TSD Site Recv Date: 2011-05-26  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
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: 2011  
Manifest Tracking Num: 003398946FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-05-09  
Trans1 Recv Date: 2011-05-09  
Trans2 Recv Date: 2011-05-13  
TSD Site Recv Date: 2011-05-24  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Trans2 EPA ID: Not reported  
TSDF ID: ARD069748192  
Waste Code: Not reported  
Quantity: 60.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 003401534FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-01-24  
Trans1 Recv Date: 2011-01-24  
Trans2 Recv Date: 2011-01-26  
TSD Site Recv Date: 2011-02-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: ARD069748192  
Waste Code: Not reported  
Quantity: 40.0  
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: 2011  
Manifest Tracking Num: 003401631FLE  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Mgmt Method Type Code: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-01-24  
Trans1 Recv Date: 2011-01-24  
Trans2 Recv Date: 2011-01-26  
TSD Site Recv Date: 2011-02-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 660.0  
Units: P - Pounds  
Number of Containers: 3.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 003401631FLE  
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: H050

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-01-24  
Trans1 Recv Date: 2011-01-24  
Trans2 Recv Date: 2011-01-26  
TSD Site Recv Date: 2011-02-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 2.0  
Units: P - Pounds  
Number of Containers: 1.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 003401631FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-01-24  
Trans1 Recv Date: 2011-01-24  
Trans2 Recv Date: 2011-01-26  
TSD Site Recv Date: 2011-02-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 5.0  
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: 2011  
Manifest Tracking Num: 003401631FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-01-24  
Trans1 Recv Date: 2011-01-24  
Trans2 Recv Date: 2011-01-26  
TSD Site Recv Date: 2011-02-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
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: 003401631FLE  
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: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-01-24  
Trans1 Recv Date: 2011-01-24  
Trans2 Recv Date: 2011-01-26  
TSD Site Recv Date: 2011-02-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 2.0  
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: 2011  
Manifest Tracking Num: 003401631FLE  
Import Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-01-13  
Trans1 Recv Date: 2011-01-13  
Trans2 Recv Date: 2011-01-15  
TSD Site Recv Date: 2011-01-29  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 75.0  
Units: P - Pounds  
Number of Containers: 10.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 003494443FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-01-13  
Trans1 Recv Date: 2011-01-13  
Trans2 Recv Date: 2011-01-15  
TSD Site Recv Date: 2011-01-29  
Part A Recv Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 600.0  
Units: P - Pounds  
Number of Containers: 3.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 003494444FLE  
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: H050

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-01-13  
Trans1 Recv Date: 2011-01-13  
Trans2 Recv Date: 2011-01-15  
TSD Site Recv Date: 2011-01-29  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 90.0  
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: 2011  
Manifest Tracking Num: 003494444FLE  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Manifest Ref Num: Not reported  
Alt Fac RCRA Id: Not reported  
Alt Fac Sign Date: Not reported  
Mgmt Method Type Code: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-01-13  
Trans1 Recv Date: 2011-01-13  
Trans2 Recv Date: 2011-01-15  
TSD Site Recv Date: 2011-01-29  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD072364490  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 2.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 003494444FLE  
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: H040

[Click this hyperlink](#) while viewing on your computer to access  
172 additional NY\_MANIFEST: record(s) in the EDR Site Report.

**SPILLS:**

Facility ID: 1105150  
DER Facility ID: 291046  
Facility Type: ER  
Site ID: 452789  
DEC Region: 1  
Spill Date: 8/4/2011  
Spill Number/Closed Date: 1105150 / 11/17/2011  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
SWIS: 3022  
Investigator: Unassigned

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Referred To: Not reported  
Reported to Dept: 8/4/2011  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
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: 8/4/2011  
Spill Record Last Update: 11/21/2011  
Spiller Name: FRANK NAGLIERI  
Spiller Company: NATIONAL GRID/LIPA  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: FRANK NAGLIERI  
Contact Phone: (917) 578-0161  
DEC Memo: 08/04/11 1515 Hrs (A): Called Naglieri- THIS IS AT THE NORTH SHORE UNIVERSITY HOSPITAL.08/04/11 1515 Hrs (B): THE TRANSFORMER IS STILL IN SERVICE, SO HE DOES NOT KNOW WHETHER IT HAS A NON-PCB NAMEPLATE. IT WILL BE DE-ENERGIZED AT 2100 HRS TONIGHT, AND THE CLEANUP PERFORMED AT THAT TIME. This includes vacuuming out a cable pit under the transformer. DRPER NATIONAL GRID INCIDENT REPORT:PAD MOUNT TRANSFORMER FAILED AND DISCHARGED A SMALL AMT OF OIL ONTO IT'S CONCETE PAD AND SOIL BELOW. WRS CONTRACTOR

Remarks: Caller advised 1 gallon of transformer oil spilled onto concrete. Clean up is pending.

Material:  
Site ID: 452789  
Operable Unit ID: 1202958  
Operable Unit: 01  
Material ID: 2199566  
Material Code: 0020A  
Material Name: TRANSFORMER OIL  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 1  
Units: Gallons  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 0325229  
DER Facility ID: 291046  
Facility Type: ER  
Site ID: 251022  
DEC Region: 1  
Spill Date: 8/4/2003  
Spill Number/Closed Date: 0325229 / 3/30/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
SWIS: 3022  
Investigator: UNASSIGNED  
Referred To: Not reported  
Reported to Dept: 8/4/2003  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial Vehicle  
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: 8/4/2003  
Spill Record Last Update: 9/28/2007  
Spiller Name: STEVE KING  
Spiller Company: NORTH SHORE HOSPITAL  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, ZZ  
Spiller Company: 001  
Contact Name: STEVE KING  
Contact Phone: (732) 750-6707  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "UNASSIGNED 03-055"CONTAMINATED SOIL EXCAVATED, DISPOSED OF BY MEG (BD)

Remarks: Unknown delivery truck appears to have been leaking hydraulic oil near the loading dock. Absorbent pads placed near spill, all spill contained. Some rain may have caused oil to go to drain, only about 1 gallon total spilled

Material:  
Site ID: 251022  
Operable Unit ID: 881250  
Operable Unit: 01  
Material ID: 496164  
Material Code: 0010  
Material Name: Hydraulic Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

NY Hist Spills:  
Region of Spill: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**S100149917**

Spill Number/Closed Date: 9515791 / 01/27/98  
Investigator: AUSTIN  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 03/10/1996 10:00  
Reported to Dept Date/Time: 03/10/96 10:59  
SWIS: 28  
Spiller Name: MB TRUCKING CO  
Spiller Contact: ROBERT CABASSA  
Spiller Phone: (718) 328-3275  
Spiller Contact: BOB  
Spiller Phone: (516) 562-4235  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Unknown  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 02  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 03/10/96  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 01/30/98  
Is Updated: False

**Tank:**

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 3  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 3  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205  
DEC Remarks: Not reported  
Remark: 3 gallons came out of vent unknown why - caller lost radio contact w/driver

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B7**  
**NE**  
**< 1/8**  
**0.006 mi.**  
**32 ft.**

**NORTH SHORE UNIV HOSP**  
**300 COMMUNITY DRIVE**  
**MANHASSET, NY**

**HIST LTANKS** **S102093285**  
**NY Hist Spills** **N/A**

**Site 4 of 14 in cluster B**

**Relative:**  
**Lower**

HIST LTANKS:  
Region of Spill: 1  
Spill Number/Closed Date: 8801705 / 03/30/92  
Spill Date: 05/24/1988  
Spill Time: 16:30  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 03/30/92  
Cleanup Meets Standard: True  
Investigator: GOERTZ  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 05/24/88  
Reported to Department Time: 18:07  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: NORTH SHORE UNIV HOSP  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 562-4325  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 05/26/88  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 01/10/00  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIV HOSP (Continued)**

**S102093285**

Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205

DEC Remarks: 03/30/92: TNAK WAS RETESTED AND PASSED, REC VD RESULTS 3/30/92.  
Spill Cause: 1X25K TANK HOLE OBSERVED IN LINE PUMPED DOWN TO BE REPAIRED

NY Hist Spills:

Region of Spill: 1  
Spill Number/Closed Date: 8606014 / 12/24/90  
Investigator: ACAMPORA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 12/23/1986 09:30  
Reported to Dept Date/Time: 12/23/86 10:35  
SWIS: 28  
Spiller Name: NORTH SHORE UNIV HOSP  
Spiller Contact: Not reported  
Spiller Phone: (562) 423-  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spill Cause: Equipment Failure  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 02  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: 12/24/90  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Not reported  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 12/31/86  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 11/27/95  
Is Updated: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIV HOSP (Continued)**

**S102093285**

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 30  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205  
DEC Remarks: / / : SPILLER CLEANED UP RGM TO DISPOSE NCDH NOTIFIED.  
Remark: Not reported

Region of Spill: 1  
Spill Number/Closed Date: 9811150 / 12/08/98  
Investigator: DONOVAN  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 12/04/1998 13:10  
Reported to Dept Date/Time: 12/04/98 14:01  
SWIS: 28  
Spiller Name: LIPA  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Contact: ANDREW SCHMIDT  
Spiller Phone: (516) 521-2046  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Human Error  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 12/04/98  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 12/09/98

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIV HOSP (Continued)**

**S102093285**

Is Updated: False  
Tank:  
Material:  
Material Class Type: Petroleum  
Quantity Spilled: 150  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: DIELECTRIC FLUID  
Class Type: DIELECTRIC FLUID  
Times Material Entry In File: 41  
CAS Number: Not reported  
Last Date: Not reported  
DEC Remarks: SAME AS 98-11145  
Remark: A BACKHOE KNOCKED OVER A POLE - CLEAN UP CREW ON THE WAY NOW

**B8  
NE  
< 1/8  
0.006 mi.  
32 ft.**

**NO SHORE COMMUNITY HOSPIT  
300 COMMUNITY DRIVE  
MANHASSET, NY**

**HIST LTANKS S100781521  
N/A**

**Site 5 of 14 in cluster B**

**Relative:  
Lower**

HIST LTANKS:  
Region of Spill: 1  
Spill Number/Closed Date: 9311236 / 10/10/95  
Spill Date: 12/16/1993  
Spill Time: 14:30  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

**Actual:  
38 ft.**

Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: T/T/F  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 12/16/93  
Reported to Department Time: 12:16  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: NO SHORE COMMUNITY HOSPIT  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY 11030-  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 562-2444

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO SHORE COMMUNITY HOSPIT (Continued)**

**S100781521**

Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 12/20/93  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 10/11/95  
Is Updated: False

**Tank:**

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: DIESEL  
Class Type: DIESEL  
Times Material Entry In File: 10625  
CAS Number: Not reported  
Last Date: 19940728  
DEC Remarks: System passed 12/20/93, 22 yds of cont soil removed and disposed of. No further action needed  
Spill Cause: 12K FAILED GROSS LEAK, CROWN TESTER

**B9**  
**NE**  
**< 1/8**  
**0.006 mi.**  
**32 ft.**

**300 COMMUNITY DRIVE**  
**MANHASSET, NY**  
**Site 6 of 14 in cluster B**

**NY Hist Spills S104648270**  
**N/A**

**Relative:**  
**Lower**

NY Hist Spills:  
Region of Spill: 1  
Spill Number/Closed Date: 9811145 / 05/24/99  
Investigator: DONOVAN  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 12/04/1998 11:45  
Reported to Dept Date/Time: 12/04/98 13:30  
SWIS: 28

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104648270

Spiller Name: GALVIN BROTHERS CONSTR  
Spiller Contact: ED GALVIN  
Spiller Phone: (516) 466-3785  
Spiller Contact: ANDREW SCHMIDT  
Spiller Phone: (516) 521-2046  
Spiller Address: 149A STEAM BOAT ROAD  
Spiller City,St,Zip: GREAT NECK, NY  
Spill Cause: Other  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 12/04/98  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 05/25/99  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 150  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: True  
Material: TRANSFORMER OIL  
Class Type: TRANSFORMER OIL  
Times Material Entry In File: 533  
CAS Number: Not reported  
Last Date: 19940926  
DEC Remarks: SAME AS 98-11150 CLEANUP COMPLETE, 5 DRUMS TAKEN TO HICKSVILLE  
Remark: UPON EXCAVATION BY CONSTRUCTION COMPANY THEY HIT A GUIDE WIRE THAT PULLED POLE  
DOWN WITH 3 TRANSFORMERS ON IT. REQ RESPONSE FROM DEC REPRESENTATIVE. \* \* \* \* \*

B10  
NE  
< 1/8  
0.006 mi.  
32 ft.

NO SHORE UNIVERSITY HOSPI  
300 COMMUNITY DRIVE  
MANHASSET, NY  
Site 7 of 14 in cluster B

HIST LTANKS S100151638  
N/A

Relative:  
Lower

HIST LTANKS:  
Region of Spill: 1  
Spill Number/Closed Date: 9010897 / 03/30/92  
Spill Date: 01/11/1991  
Spill Time: 12:00

Actual:  
38 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO SHORE UNIVERSITY HOSPI (Continued)**

**S100151638**

Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 03/30/92  
Cleanup Meets Standard: True  
Investigator: DEROSA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 01/11/91  
Reported to Department Time: 18:32  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: NO SHORE UNIVERSITY HOSPI  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 562-4238  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 01/15/91  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 11/05/92  
Is Updated: False

**Tank:**

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO SHORE UNIVERSITY HOSPI (Continued)**

**S100151638**

Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 03/30/92: PASSED RETEST 2/1/91.  
Spill Cause: VENT PIPE POSSIBLY LEAKING, NCDH NOTIFIED. WILL EXCAVATE, ISOLATE AND RETEST.  
7500 TANK GROSS LEAK. LEAK DETECTION TESTER

**B11**  
**NE**  
**< 1/8**  
**0.006 mi.**  
**32 ft.**

**NSUH MONTI PAVILION**  
**300 COMMUNITY DR**  
**MANHASSET, NY**  
**Site 8 of 14 in cluster B**

**UST U003847498**  
**AST N/A**

**Relative:**  
**Lower**

NCFM UST:  
Batt/Dept: 87  
Location Id: 30482  
Unit Type: HB  
Vendor: UNBRANDED  
Installed Date: 01/01/1960  
Last Test Date: 04/06/1993  
Status: Removed  
Tank Contents: 10000000

**Actual:**  
**38 ft.**

Batt/Dept: 87  
Location Id: 30482  
Unit Type: HF  
Vendor: LOCATED AT CATH LAB  
Installed Date: 12/15/1994  
Last Test Date: 11/08/2004  
Status: Active  
Tank Contents: 30199301

Batt/Dept: 87  
Location Id: 30482  
Unit Type: HF  
Vendor: LOCATED AT COHN  
Installed Date: 04/12/1993  
Last Test Date: 03/14/2003  
Status: Active  
Tank Contents: 30199301

Batt/Dept: 87  
Location Id: 30482  
Unit Type: HF  
Vendor: LOCATED AT  
Installed Date: 07/11/1991  
Last Test Date: 10/26/2004  
Status: Active  
Tank Contents: 30199301

Batt/Dept: 87  
Location Id: 30482  
Unit Type: HF  
Vendor: LOCATED AT MAIN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NSUH MONTI PAVILION (Continued)**

**U003847498**

Installed Date: 09/01/1995  
Last Test Date: 10/19/2005  
Status: Active  
Tank Contents: 30199301  
  
Batt/Dept: 87  
Location Id: 37275  
Unit Type: HF  
Vendor: LOCATED AT AMBU  
Installed Date: 01/01/1985  
Last Test Date: 01/12/2006  
Status: Active  
Tank Contents: 30199301

**NCFM AST:**

Contents: 30199301  
Batt/Dept: 87  
Location Id: 30482  
Unit Type: BB  
Vendor: UNB  
Installed Date: 12/15/1994  
Last Test Date: 12/15/1994  
Status: Removed

Contents: 30199301  
Batt/Dept: 87  
Location Id: 30482  
Unit Type: BB  
Vendor: LOCATED AT NURSING  
Installed Date: 11/01/1988  
Last Test Date: 11/01/1993  
Status: Removed

Contents: 30199301  
Batt/Dept: 87  
Location Id: 10259  
Unit Type: DB  
Vendor: JAMES WOERNER  
Installed Date: 03/03/2008  
Last Test Date: Not reported  
Status: Active

Contents: 30199301  
Batt/Dept: 87  
Location Id: 30482  
Unit Type: DB  
Vendor: LOCATED AT BLGD 6  
Installed Date: 01/01/1984  
Last Test Date: 04/21/1994  
Status: Active

Contents: 30199301  
Batt/Dept: 87  
Location Id: 30482  
Unit Type: DB  
Vendor: LOCATED AT THE 400  
Installed Date: 01/01/1977



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NSUH MONTI PAVILION (Continued)**

**U003847498**

Last Test Date:	04/21/1994
Status:	Active
Contents:	30199301
Batt/Dept:	87
Location Id:	18654
Unit Type:	DG
Vendor:	Not reported
Installed Date:	10/27/2005
Last Test Date:	10/27/2005
Status:	Active
Contents:	30199301
Batt/Dept:	87
Location Id:	30482
Unit Type:	DG
Vendor:	AT LIPPERT
Installed Date:	01/09/2006
Last Test Date:	01/09/2006
Status:	Active
Contents:	30199301
Batt/Dept:	87
Location Id:	37275
Unit Type:	DG
Vendor:	IN BASEMENT - HUMAN
Installed Date:	05/01/1999
Last Test Date:	05/12/1999
Status:	Active

**B12**  
**NE**  
 < 1/8  
 0.006 mi.  
 32 ft.

**NORTH SHORE UNIVER HOSPIT**  
**300 COMMUNITY DRIVE**  
**MANHASSET, NY**

**NY Hist Spills S102091365**  
**N/A**

**Site 9 of 14 in cluster B**

**Relative:**  
**Lower**

NY Hist Spills:	
Region of Spill:	1
Spill Number/Closed Date:	8802565 / Not Closed
Investigator:	ACAMPORA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	06/20/1988 17:20
Reported to Dept Date/Time:	06/21/88 10:15
SWIS:	28
Spiller Name:	NORTH SHORE UNIVER HOSPIT
Spiller Contact:	Not reported
Spiller Phone:	(516) 562-4235
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Equipment Failure
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	02

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVER HOSPIT (Continued)**

**S102091365**

Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 06/27/88  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 01/10/00  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 100  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205  
DEC Remarks: Not reported  
Remark: RETURN LINE FITTING BROKE. RGM CLEANED UP. BOILER ROOM FLOOR.

**B13**  
**NE**  
**< 1/8**  
**0.006 mi.**  
**32 ft.**

**NORTH SHORE COMM HOSPITAL**  
**300 COMMUNITY DRIVE**  
**MANHASSET, NY**  
**Site 10 of 14 in cluster B**

**NY Hist Spills S105236809**  
**N/A**

**Relative:**  
**Lower**

NY Hist Spills:  
Region of Spill: 1  
Spill Number/Closed Date: 0109473 / 12/27/01  
Investigator: NONE  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 12/27/2001 11:00  
Reported to Dept Date/Time: 12/27/01 12:12  
SWIS: 28  
Spiller Name: NORTHSHORE COMM HOSPITAL  
Spiller Contact: HAROLD MORSH  
Spiller Phone: (516) 562-8086  
Spiller Contact: STEVE KING

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE COMM HOSPITAL (Continued)**

**S105236809**

Spiller Phone: (732) 750-6707  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spill Cause: Unknown  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 02  
Spill Notifier: Local Agency  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 12/27/01  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 12/28/01  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: True  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: \*\*\*SAME AS 0125277\*\*\* 12/27 CALLED KING: THE HOSPITAL HAD GIVEN HIM SPILL NO 01-25277 BUT HE DID NOT THINK THIS WAS CORRECT SO HE CALLED THE HOTLINE, TOLD HIM TO USE SPILL NO 01-25277, HE HAS TYREE ENROUTE TO INVESTIGATE  
Remark: TANK 14 - UNKNOWN HOW MUCH SPILLED - DOES NOT APPEAR TO BE ALOT OF PRODUCT - TYREE RESPONDING. \*\*\*SAME AS 0125277\*\*\*

**B14**  
**NE**  
**< 1/8**  
**0.006 mi.**  
**32 ft.**

**NO SHORE UNIVERSITY HOSP**  
**300 COMMUNITY DRIVE**  
**MANHASSET, NY**  
**Site 11 of 14 in cluster B**

**HIST LTANKS** **S102096967**  
**NY Hist Spills** **N/A**

**Relative:**  
**Lower**

HIST LTANKS:  
Region of Spill: 1  
Spill Number/Closed Date: 9211453 / 04/14/93  
Spill Date: 01/05/1993  
Spill Time: 21:00  
Spill Cause: Tank Overfill  
Resource Affectd: On Land

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO SHORE UNIVERSITY HOSP (Continued)**

**S102096967**

Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 04/14/93  
Cleanup Meets Standard: True  
Investigator: PARISH  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 01/06/93  
Reported to Department Time: 08:00  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: CASTLE OIL CO  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Affected Persons  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 01/07/93  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 12/13/01  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 30  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 04/14/93: MEG HIRED BY NORTH SHORE TO DO CLEANUP. SOIL REMOVED. AS PER HOSP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO SHORE UNIVERSITY HOSP (Continued)**

**S102096967**

30-55 GAL DRUMS OF SOIL REMOVED.  
Spill Cause: EMPLOYEES DISCOVERED SPILL THURS AM, RGM TO CLEAN SPILL, NO CALL BACK NECESSARY

NY Hist Spills:

Region of Spill: 1  
Spill Number/Closed Date: 9004633 / 07/27/90  
Investigator: NONE  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 07/26/1990 11:00  
Reported to Dept Date/Time: 07/26/90 12:00  
SWIS: 28  
Spiller Name: NO SHORE UNIVERSITY HOSP  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spill Cause: Unknown  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 02  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: 07/27/90  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Not reported  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 07/27/90  
Date Spill Entered In Computer Data File: Not reported  
Update Date: / /  
Is Updated: False

Tank:

Material:

Material Class Type: Nonpetroleum/Nonhazardous  
Quantity Spilled: 1  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: ETHYLENE GLYCOL  
Class Type: ETHYLENE GLYCOL  
Times Material Entry In File: 0  
CAS Number: 00107211  
Last Date: Not reported  
DEC Remarks: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO SHORE UNIVERSITY HOSP (Continued)**

**S102096967**

Remark: CLEANED UP WITH SPEEDY DRY AND PUT INTO PLASTIC BAGS IMMEDIATELY. HIRED RGM TO PICK UP AND DISPOSE OF MATERIAL

Region of Spill: 1  
Spill Number/Closed Date: 9603025 / 08/14/97  
Investigator: AUSTIN  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 06/03/1996 12:00  
Reported to Dept Date/Time: 06/03/96 14:29  
SWIS: 28  
Spiller Name: NO SHORE UNIVERSITY HOSP  
Spiller Contact: BOB  
Spiller Phone: (516) 562-4235  
Spiller Contact: BOB  
Spiller Phone: (516) 562-4235  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spill Cause: Equipment Failure  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 02  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 06/03/96  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 08/15/97  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO SHORE UNIVERSITY HOSP (Continued)**

**S102096967**

Last Date: 19941207  
DEC Remarks: TANK 6 HAD NO CONTAMINATION PER NCDH. PER PALMISANO NO FURTHER DIGGING REQUIRED, REGARDING TANK 7, CONTAMINATION NO LONGER DETECTED. SOIL DISPOSAL OF RECPTS FILED  
Remark: pipes leaked underground - unk how much

**B15  
NE  
< 1/8  
0.006 mi.  
32 ft.**

**N.S. UNIVERSITY HOSPITAL  
300 COMMUNITY DR.  
MANHASSET, NY**

**UST U003906900  
AST N/A**

**Site 12 of 14 in cluster B**

**Relative:  
Lower**

NASSAU CO. UST:  
Facility ID: 058337  
Owner Name: SAME  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Permitee Name: SAME  
Permitee Address: Not reported  
Permitee City,St,Zip: Not reported

**Actual:  
38 ft.**

Tank ID: 0006  
Tank Location: Indoors, Belowground  
Capacity (Gal): 00008000  
Tank Status: In Service  
Tank Material: Fiberglass Reinforced Plastic  
Int Protection: None  
Ext Protection: FIBERGLASS REINFORCED PLASTIC  
Piping Type: Steel/Iron  
Material Type: Fresh/Product  
Description: OIL, FUEL #2  
Leak Detect: ELECTRONIC  
Containment: DOUBLE WALL TANK  
Product Gauge: Yes  
Dispense Method: Suction  
Fill Type: Pumped  
Install Date: 091995

Tank ID: 0007  
Tank Location: Indoors, Belowground  
Capacity (Gal): 00008000  
Tank Status: In Service  
Tank Material: Fiberglass Reinforced Plastic  
Int Protection: None  
Ext Protection: FIBERGLASS REINFORCED PLASTIC  
Piping Type: Steel/Iron  
Material Type: Fresh/Product  
Description: OIL, FUEL #2  
Leak Detect: ELECTRONIC  
Containment: DOUBLE WALL TANK  
Product Gauge: Yes  
Dispense Method: Suction  
Fill Type: Pumped  
Install Date: 091995

Tank ID: 0010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**N.S. UNIVERSITY HOSPITAL (Continued)**

**U003906900**

Tank Location: Indoors, Belowground  
Capacity (Gal): 00015000  
Tank Status: In Service  
Tank Material: Fiberglass Reinforced Plastic  
Int Protection: None  
Ext Protection: NONE  
Piping Type: Steel/Iron  
Material Type: Fresh/Product  
Description: OIL, FUEL #2  
Leak Detect: NONE  
Containment: NONE  
Product Gauge: Yes  
Dispense Method: Suction  
Fill Type: Pumped  
Install Date: 061986

Tank ID: 0014  
Tank Location: Indoors, Belowground  
Capacity (Gal): 00007500  
Tank Status: In Service  
Tank Material: STEEL  
Int Protection: None  
Ext Protection: PAINTED [e.g. asphaltic]  
Piping Type: Steel/Iron  
Material Type: Fresh/Product  
Description: OIL, FUEL #2  
Leak Detect: ELECTRONIC  
Containment: VAULT  
Product Gauge: Yes  
Dispense Method: Suction  
Fill Type: Pumped  
Install Date: 091987

Tank ID: 0017  
Tank Location: Indoors, Belowground  
Capacity (Gal): 00020000  
Tank Status: In Service  
Tank Material: Fiberglass Reinforced Plastic  
Int Protection: None  
Ext Protection: FIBERGLASS REINFORCED PLASTIC  
Piping Type: Steel/Iron  
Material Type: Fresh/Product  
Description: OIL, FUEL #4  
Leak Detect: ELECTRONIC  
Containment: DOUBLE WALL TANK  
Product Gauge: Yes  
Dispense Method: Suction  
Fill Type: Pumped  
Install Date: 091995

[Click this hyperlink](#) while viewing on your computer to access  
1 additional NY\_UST\_NASSAU: record(s) in the EDR Site Report.

NASSAU CO. AST:  
Facility ID: 058337



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**N.S. UNIVERSITY HOSPITAL (Continued)**

**U003906900**

Tank ID: 0021  
Tank Location: Indoors, Aboveground  
Capacity (Gal): 00000120  
Tank Status: In Service  
Tank Material: PLASTIC  
Int Protection: None  
Ext Protection: NONE  
Piping Type: Other  
Material Type: Fresh/Product  
Description: CONTINUUM AT201  
Leak Detect: OTHER  
Containment: OTHER  
Product Gauge: No  
Dispense Method: Suction  
Fill Type: Pumped  
Install Date: 061997  
Owner Name: SAME  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Permitee Name: SAME  
Permitee Address: Not reported  
Permitee City,St,Zip: Not reported

Facility ID: 058337  
Tank ID: 0022  
Tank Location: Indoors, Aboveground  
Capacity (Gal): 00000080  
Tank Status: In Service  
Tank Material: PLASTIC  
Int Protection: None  
Ext Protection: NONE  
Piping Type: Other  
Material Type: Fresh/Product  
Description: SPECTRUS NX114  
Leak Detect: OTHER  
Containment: OTHER  
Product Gauge: No  
Dispense Method: Suction  
Fill Type: Pumped  
Install Date: 061997  
Owner Name: SAME  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Permitee Name: SAME  
Permitee Address: Not reported  
Permitee City,St,Zip: Not reported

Facility ID: 058337  
Tank ID: 0023  
Tank Location: Indoors, Aboveground  
Capacity (Gal): 00000080  
Tank Status: In Service  
Tank Material: PLASTIC  
Int Protection: None  
Ext Protection: NONE  
Piping Type: Other  
Material Type: Fresh/Product

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**N.S. UNIVERSITY HOSPITAL (Continued)**

**U003906900**

Description: CONTINUUM AT201  
Leak Detect: OTHER  
Containment: OTHER  
Product Gauge: No  
Dispense Method: Suction  
Fill Type: Pumped  
Install Date: 061997  
Owner Name: SAME  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Permitee Name: SAME  
Permitee Address: Not reported  
Permitee City,St,Zip: Not reported

Facility ID: 058337  
Tank ID: 0024  
Tank Location: Indoors, Aboveground  
Capacity (Gal): 00000080  
Tank Status: In Service  
Tank Material: PLASTIC  
Int Protection: None  
Ext Protection: NONE  
Piping Type: Other  
Material Type: Fresh/Product  
Description: SPECTRUS NX114  
Leak Detect: OTHER  
Containment: OTHER  
Product Gauge: No  
Dispense Method: Suction  
Fill Type: Pumped  
Install Date: 061997  
Owner Name: SAME  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Permitee Name: SAME  
Permitee Address: Not reported  
Permitee City,St,Zip: Not reported

Facility ID: 058337  
Tank ID: 0025  
Tank Location: Indoors, Aboveground  
Capacity (Gal): 00000080  
Tank Status: In Service  
Tank Material: PLASTIC  
Int Protection: None  
Ext Protection: NONE  
Piping Type: Other  
Material Type: Fresh/Product  
Description: SPECTRUS NX114  
Leak Detect: OTHER  
Containment: OTHER  
Product Gauge: No  
Dispense Method: Suction  
Fill Type: Pumped  
Install Date: 061997  
Owner Name: SAME  
Owner Address: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**N.S. UNIVERSITY HOSPITAL (Continued)**

**U003906900**

Owner City,St,Zip: Not reported  
Permitee Name: SAME  
Permitee Address: Not reported  
Permitee City,St,Zip: Not reported

[Click this hyperlink](#) while viewing on your computer to access  
15 additional NY\_AST\_NASSAU: record(s) in the EDR Site Report.

**B16**  
**NE**  
**< 1/8**  
**0.006 mi.**  
**32 ft.**

**NORTH SHORE UNIVERS.HOSP**  
**300 COMMUNITY DRIVE**  
**MANHASSET, NY**

**HIST LTANKS** **S100150024**  
**N/A**

**Site 13 of 14 in cluster B**

**Relative:**  
**Lower**

HIST LTANKS:  
Region of Spill: 1  
Spill Number/Closed Date: 8804801 / 03/30/92  
Spill Date: 08/31/1988  
Spill Time: 12:30  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 03/30/92  
Cleanup Meets Standard: True  
Investigator: GOERTZ  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 08/31/88  
Reported to Department Time: 14:30  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: NORTH SHORE UNIVERS HOSP  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 562-4235  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 09/02/88

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERS.HOSP (Continued)**

**S100150024**

Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 04/01/92  
Is Updated: False

**Tank:**

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205

DEC Remarks: 03/30/92: ABANDONED IN PLACE, TANKS ARE ACTUALLY 10K, WELL INSTALLED MONITORED,PASSED RETEST.

Spill Cause: INITIAL FAILURE GROSS LEAK IN MANHOLE. 2-12K USING HORNER METHOD. TO RETEST AFTER REPAIR LEAKING MANHOLE

**B17  
NE  
< 1/8  
0.006 mi.  
32 ft.**

**NORTH SHORE UNIVERSITY HOSPITAL  
300 COMMUNITY DR  
MANHASSET, NY 11030  
Site 14 of 14 in cluster B**

**RCRA-LQG 1000406567  
FINDS NYD072364490  
NY Hist Spills  
US AIRS**

**Relative:  
Lower**

**RCRA-LQG:**

Date form received by agency: 01/01/2007  
Facility name: NORTH SHORE UNIVERSITY HOSPITAL

Facility address: 300 COMMUNITY DR  
MANHASSET, NY 11030

EPA ID: NYD072364490  
Mailing address: COMMUNITY DR  
MANHASSET, NY 11030

Contact: LORING BJORNSON  
Contact address: COMMUNITY DR  
MANHASSET, NY 11030

Contact country: US  
Contact telephone: (516) 562-4510  
Contact email: Not reported

EPA Region: 02  
Land type: Facility is not located on Indian land. Additional information is not known.  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

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: NORTSHORE UNIVERSITY HOSPITAL  
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

Owner/operator name: NORTSHORE UNIVERSITY HOSPITAL  
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

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  
Facility name: NORTH SHORE UNIVERSITY HOSPITAL  
Classification: Small Quantity Generator  
  
Date form received by agency: 03/03/2002  
Facility name: NORTH SHORE UNIVERSITY HOSPITAL  
Classification: Large Quantity Generator  
  
Date form received by agency: 01/01/2001  
Facility name: NORTH SHORE UNIVERSITY HOSPITAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Site name: NORTSHORE UNIVERSITY HOSPITAL  
Classification: Large Quantity Generator

Date form received by agency: 07/29/1999  
Facility name: NORTH SHORE UNIVERSITY HOSPITAL  
Site name: NORTSHORE UNIVERSITY HOSPITAL  
Classification: Large Quantity Generator

Date form received by agency: 04/28/1998  
Facility name: NORTH SHORE UNIVERSITY HOSPITAL  
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992  
Facility name: NORTH SHORE UNIVERSITY HOSPITAL  
Site name: NORTH SHORE UNIV HOSPITAL  
Classification: Large Quantity Generator

Date form received by agency: 07/23/1980  
Facility name: NORTH SHORE UNIVERSITY HOSPITAL  
Site name: NORTSHORE UNIVERSITY HOSPITAL  
Classification: Not a generator, verified

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 10/27/2009  
Date achieved compliance: 12/09/2009  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/17/2009  
Enf. disposition status: Action Satisfied (Case Closed)  
Enf. disp. status date: 01/20/2010  
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: 10/27/2009  
Date achieved compliance: 11/12/2009  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/17/2009  
Enf. disposition status: Action Satisfied (Case Closed)  
Enf. disp. status date: 01/20/2010  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 10/27/2009  
Date achieved compliance: 11/12/2009  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Enforcement action date: 12/17/2009  
Enf. disposition status: Action Satisfied (Case Closed)  
Enf. disp. status date: 01/20/2010  
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-Container Use and Management  
Date violation determined: 10/27/2009  
Date achieved compliance: 10/27/2009  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/17/2009  
Enf. disposition status: Action Satisfied (Case Closed)  
Enf. disp. status date: 01/20/2010  
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: 10/27/2009  
Date achieved compliance: 01/26/2010  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/17/2009  
Enf. disposition status: Action Satisfied (Case Closed)  
Enf. disp. status date: 01/20/2010  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Records/Reporting  
Date violation determined: 10/27/2009  
Date achieved compliance: 01/19/2010  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/17/2009  
Enf. disposition status: Action Satisfied (Case Closed)  
Enf. disp. status date: 01/20/2010  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 04/17/2002  
Date achieved compliance: 06/09/2003  
Violation lead agency: EPA  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 06/09/2003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: 40000  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 04/17/2002  
Date achieved compliance: 06/09/2003  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 12/26/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: 57749  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/27/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD IS-Container Use and Management  
Date achieved compliance: 10/27/2009  
Evaluation lead agency: State

Evaluation date: 10/27/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Records/Reporting  
Date achieved compliance: 01/19/2010  
Evaluation lead agency: State

Evaluation date: 10/27/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 11/12/2009  
Evaluation lead agency: State

Evaluation date: 10/27/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 12/09/2009  
Evaluation lead agency: State

Evaluation date: 10/27/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Universal Waste - Small Quantity Handlers  
Date achieved compliance: 01/26/2010  
Evaluation lead agency: State

Evaluation date: 10/27/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Universal Waste - Small Quantity Handlers  
Date achieved compliance: 11/12/2009  
Evaluation lead agency: State



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Evaluation date: 06/09/2003  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 08/15/2002  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 04/17/2002  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 06/09/2003  
Evaluation lead agency: EPA

Evaluation date: 07/17/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

**FINDS:**

Registry ID: 110000808136

**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.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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.

HAZARDOUS WASTE BIENNIAL REPORTER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its 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.

NY Hist Spills:

Region of Spill: 1  
Spill Number/Closed Date: 8801760 / 07/17/89  
Investigator: NCDH FD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 05/25/1988 15:00  
Reported to Dept Date/Time: 05/26/88 11:15  
SWIS: 28  
Spiller Name: NORTSHORE UNIV HOSPITAL  
Spiller Contact: Not reported  
Spiller Phone: (516) 562-4235  
Spiller Address: 300 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET  
Spill Cause: Unknown  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 02  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: 07/17/89  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Not reported  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 05/27/88  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 03/19/99  
Is Updated: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Tank:

DEC Remarks: / / : RGM CLEANED UP. FD NOTIFIED AND ON SITE. PD ON SITE. NCHD MR WILLIS)  
ON SITE. 10/10/95: This is additional information about material spilled  
from the translation of the old spill file: CHEMICAL TOLVENE .  
Remark: CHEMICAL WAS EITHER SPILLED DIRECTLY ON FLOOR OR DUE TO PLUMBING TRAP.RGM  
CLEANED UP. FD NOTIFIED AND ON SITE PD ON SITE. NCHD MR WILLIS) ON SITE

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID: 110000808136  
Plant name: NORTH SHORE UNIVERSITY HOSPITAL  
Plant address: 300 COMMUNITY DR  
MANHASSET, NY 11030  
County: NASSAU  
Region code: 02  
Dunn & Bradst #: 072364490  
Air quality cntrl region: 043  
Sic code: 8062  
Sic code desc: Not reported  
North Am. industrial classf: 622110  
NAIC code description: General Medical and Surgical Hospitals  
Default compliance status: IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE  
Default classification: ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE  
THRESHOLDS  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR  
LOCAL GOVERNMENT  
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 000210  
Penalty amount: 000000000  
Air program: TITLE V PERMITS  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 001018  
Penalty amount: 000000000  
Air program: SIP SOURCE  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 001018  
Penalty amount: 000000000  
Air program: TITLE V PERMITS  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 010207  
Penalty amount: 000000000  
Air program: TITLE V PERMITS  
National action type: STATE DAY 0  
Date achieved: 010827  
Penalty amount: 000000000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE
Date achieved:	010827
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	011213
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	011213
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020107
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	020129
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	020222
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	020222
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	STATE NONCOMPLIANCE PENALTY ASSESSED
Date achieved:	020222
Penalty amount:	000002500
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	020820
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	020820
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	020925
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Date achieved:	020925
Penalty amount:	Not reported
Air program:	NSPS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	020925
Penalty amount:	Not reported
Air program:	NSR
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	020925
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	030109
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	030730
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	030730
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	030916
Penalty amount:	Not reported
Air program:	NSPS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	030916
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	030916
Penalty amount:	Not reported
Air program:	NSR
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	030916
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040802
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040802
Penalty amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040930
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	050127
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	050127
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	060126
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	060126
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	060126
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	060706
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070202
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	070202
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	070202
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	070202
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Date achieved:	070202
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	070521
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	070706
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	070808
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE
Date achieved:	070829
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	070829
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	070912
Penalty amount:	Not reported
Air program:	NSR
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070920
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070920
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070920
Penalty amount:	Not reported
Air program:	NSPS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	070920
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	071004
Penalty amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	071203
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	080130
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	080201
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080201
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE
Date achieved:	080201
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080201
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	080509
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE
Date achieved:	080721
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	080721
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	080820
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	081027
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Date achieved:	090123
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE
Date achieved:	090123
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	090123
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090123
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	090515
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE
Date achieved:	090720
Penalty amount:	Not reported
Air program:	NSPS
National action type:	PCE/OFF-SITE
Date achieved:	090720
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	090720
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	090721
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	090721
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	090721
Penalty amount:	Not reported
Air program:	NSPS
National action type:	NXXXXX
Date achieved:	090721
Penalty amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Air program:	NSPS
National action type:	STATE DAY 0
Date achieved:	090721
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE
Date achieved:	090828
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	090828
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	090904
Penalty amount:	Not reported
Air program:	NSR
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	090904
Penalty amount:	Not reported
Air program:	NSPS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	090904
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	090904
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	091117
Penalty amount:	000053800
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	091117
Penalty amount:	Not reported
Air program:	NSPS
National action type:	STATE NONCOMPLIANCE PENALTY ASSESSED
Date achieved:	091117
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	091117
Penalty amount:	000053800
Air program:	SIP SOURCE
National action type:	STATE NONCOMPLIANCE PENALTY ASSESSED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Date achieved:	091117
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE NONCOMPLIANCE PENALTY ASSESSED
Date achieved:	091117
Penalty amount:	Not reported
Air program:	NSPS
National action type:	SV RESOLVED
Date achieved:	091117
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	091117
Penalty amount:	Not reported
Air program:	NSPS
National action type:	NXXXXX
Date achieved:	091117
Penalty amount:	000053800
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	091118
Penalty amount:	Not reported
Air program:	NSPS
National action type:	SV RESOLVED
Date achieved:	091118
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	091118
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	100202
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	100202
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	100202
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	100202
Penalty amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE
Date achieved:	100202
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	100427
Penalty amount:	Not reported
Air program:	NSR
National action type:	PCE/OFF-SITE
Date achieved:	100727
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	100727
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE
Date achieved:	100727
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	101030
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110428
Penalty amount:	Not reported
Air program:	NSPS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110428
Penalty amount:	Not reported
Air program:	NSR
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110428
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110428
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	110505
Penalty amount:	Not reported
Air program:	NSR
National action type:	PCE/OFF-SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Date achieved:	110505
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE
Date achieved:	110505
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	110729
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	PCE/OFF-SITE
Date achieved:	110729
Penalty amount:	Not reported
Air program:	NSR
National action type:	PCE/OFF-SITE
Date achieved:	110729
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110823
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110923
Penalty amount:	Not reported
Air program:	NSR
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110923
Penalty amount:	Not reported
Air program:	NSPS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110923
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110923
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	111103
Penalty amount:	Not reported
Air program:	NSPS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120206
Penalty amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Air program: TITLE V PERMITS  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 120206  
Penalty amount: Not reported

Air program: NSR  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 120206  
Penalty amount: Not reported

Air program: NSR  
National action type: PCE/OFF-SITE  
Date achieved: 120206  
Penalty amount: Not reported

Air program: TITLE V PERMITS  
National action type: PCE/OFF-SITE  
Date achieved: 120206  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: COMPLIANCE CERTIFICATION STATE REVIEW  
Date achieved: 120206  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: PCE/OFF-SITE  
Date achieved: 120206  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: PCE/OFF-SITE  
Date achieved: 120424  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 980129  
Penalty amount: 000000000

Air program: SIP SOURCE  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 990203  
Penalty amount: 000000000

Historical Compliance Minor Sources:

State compliance status: IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE  
Hist compliance date: 0904  
Air prog code hist file: 0

State compliance status: IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE  
Hist compliance date: 0904  
Air prog code hist file: 7

State compliance status: IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE  
Hist compliance date: 0904  
Air prog code hist file: 9

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	0904
Air prog code hist file:	V
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1001
Air prog code hist file:	0
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1001
Air prog code hist file:	7
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1001
Air prog code hist file:	9
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1001
Air prog code hist file:	V
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1002
Air prog code hist file:	0
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1002
Air prog code hist file:	7
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1002
Air prog code hist file:	V
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1003
Air prog code hist file:	7
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1003
Air prog code hist file:	V
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1004
Air prog code hist file:	7
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1101
Air prog code hist file:	7
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1102
Air prog code hist file:	7
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1103
Air prog code hist file:	7
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Hist compliance date:	1104
Air prog code hist file:	7
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1201
Air prog code hist file:	7
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1202
Air prog code hist file:	7
State compliance status:	IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE
Hist compliance date:	1203
Air prog code hist file:	7
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1002
Air prog code hist file:	9
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1003
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1003
Air prog code hist file:	9
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	9
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	9
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Air prog code hist file:	9
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	9
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	9
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	9
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	0
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	9
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	V
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1203  
Air prog code hist file: 9

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS  
Hist compliance date: 1203  
Air prog code hist file: V

Permit Information:  
Compliance plant ID: 00126  
Permit number: 128220024800001  
Permit category: V  
Permit category desc: TITLE V PERMIT - PLANT SP

Permit Source:  
Compliance plant ID: 00126  
Plant name: NORTH SHORE UNIVERSITY HOSPITAL  
Plant address: 300 COMMUNITY DR  
MANHASSET, NY 11030

Event Information:  
Compliance permit ID: 00126  
Permit number: 128220024800001  
Event action type: IF  
Event description: \*PERMIT AUTHORITY ISSUES FINAL PERMIT  
Event action #: 006  
Event date: 19990726

Compliance permit ID: 00126  
Permit number: 128220024800001  
Event action type: IM  
Event description: \*PERMIT AUTHORITY ISSUES MODIFIED PERMIT  
Event action #: 012  
Event date: 20071024

Compliance permit ID: 00126  
Permit number: 128220024800001  
Event action type: IR  
Event description: \*PERMITTING AUTHORITY RENEWS TITLE V PERMIT  
Event action #: 000  
Event date: 20100115

Compliance permit ID: 00126  
Permit number: 128220024800001  
Event action type: IR  
Event description: \*PERMITTING AUTHORITY RENEWS TITLE V PERMIT  
Event action #: 008  
Event date: 20040819

Compliance permit ID: 00126  
Permit number: 128220024800001  
Event action type: IR  
Event description: \*PERMITTING AUTHORITY RENEWS TITLE V PERMIT  
Event action #: 017  
Event date: 20100115

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORTH SHORE UNIVERSITY HOSPITAL (Continued)**

**1000406567**

Compliance permit ID: 00126  
 Permit number: 128220024800001  
 Event action type: RR  
 Event description: PERMIT AUTHORITY DRAFTS RENEWAL  
 Event action #: 000  
 Event date: 20091007

Compliance permit ID: 00126  
 Permit number: 128220024800001  
 Event action type: RR  
 Event description: PERMIT AUTHORITY DRAFTS RENEWAL  
 Event action #: 009  
 Event date: 20040526

Compliance permit ID: 00126  
 Permit number: 128220024800001  
 Event action type: RR  
 Event description: PERMIT AUTHORITY DRAFTS RENEWAL  
 Event action #: 017  
 Event date: 20091007

Compliance permit ID: 00126  
 Permit number: 128220024800001  
 Event action type: SR  
 Event description: PERMIT AUTHORITY SUBMITS PROPOSED RENEWAL TO EPA  
 Event action #: 000  
 Event date: 20091110

Compliance permit ID: 00126  
 Permit number: 128220024800001  
 Event action type: SR  
 Event description: PERMIT AUTHORITY SUBMITS PROPOSED RENEWAL TO EPA  
 Event action #: 017  
 Event date: 20091110

**A18  
 North  
 < 1/8  
 0.012 mi.  
 64 ft.**

**EOC  
 65 HIGH STREET  
 MANHASSET, NY  
 Site 4 of 4 in cluster A**

**LTANKS S100147759  
 HIST LTANKS N/A**

**Relative:  
 Higher**

LTANKS:  
 Site ID: 254725  
 Spill Number/Closed Date: 8902942 / 12/19/1989  
 Spill Date: 6/21/1989  
 Spill Cause: Tank Failure  
 Spill Source: Commercial/Industrial  
 Spill Class: Not reported  
 Cleanup Ceased: 12/19/1989  
 Cleanup Meets Standard: True  
 SWIS: 3022  
 Investigator: AYLEUNG  
 Referred To: Not reported  
 Reported to Dept: 6/21/1989  
 CID: Not reported  
 Water Affected: Not reported  
 Spill Notifier: Citizen

**Actual:  
 71 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EOC (Continued)**

**S100147759**

Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 6/23/1989  
Spill Record Last Update: 4/4/2006  
Spiller Name: Not reported  
Spiller Company: EOC  
Spiller Address: 65 HIGH STREET  
Spiller City,St,Zip: MANHASSET, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 208635  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
"LEUNG FD"12/19/89: REFERRED TO NCDH FOR REGISTRATION & TANK TESTING.  
FILE HAS BEEN DESTROYED ACCORDING TO STATE ARCHIVE AND RECORD  
ADMINISTRATOR RETENTION/DISPOSAL PROCEDURES  
Remarks: VERY OLD TANK. TANK IS FULL OF SLUDGE

**Material:**

Site ID: 254725  
Operable Unit ID: 930358  
Operable Unit: 01  
Material ID: 450614  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

**HIST LTANKS:**

Region of Spill: 1  
Spill Number/Closed Date: 8902942 / 12/19/89  
Spill Date: 06/21/1989  
Spill Time: 12:00  
Spill Cause: Tank Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 12/19/89  
Cleanup Meets Standard: True  
Investigator: LEUNG FD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

EOC (Continued)

S100147759

Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 06/21/89  
Reported to Department Time: 12:12  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: EOC  
Spiller Address: 65 HIGH STREET  
Spiller City,St,Zip: MANHASSET, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 627-1750  
Facility Extension: Not reported  
Spill Notifier: Citizen  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 06/23/89  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 05/10/99  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 12/19/89: REFERRED TO NCDH FOR REGISTRATION TANK TESTING.  
Spill Cause: VERY OLD TANK. TANK IS FULL OF SLUDGE

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

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<b>C19</b>	<b>NSUH NURSING HOME (CECR)</b>	<b>AST</b>	<b>U004152655</b>
<b>ESE</b>	<b>330 COMMUNITY DR</b>		<b>N/A</b>
<b>&lt; 1/8</b>	<b>MANHASSET, NY</b>		
<b>0.045 mi.</b>			
<b>238 ft.</b>	<b>Site 1 of 2 in cluster C</b>		

<b>Relative:</b>	NCFM AST:		
<b>Lower</b>	Contents:	30199301	
	Batt/Dept:	87	
<b>Actual:</b>	Location Id:	19157	
<b>44 ft.</b>	Unit Type:	BB	
	Vendor:	Not reported	
	Installed Date:	11/01/1988	
	Last Test Date:	Not reported	
	Status:	Active	
	Contents:	30199301	
	Batt/Dept:	87	
	Location Id:	19157	
	Unit Type:	DG	
	Vendor:	Not reported	
	Installed Date:	04/14/2004	
	Last Test Date:	04/14/2004	
	Status:	Active	

<b>C20</b>	<b>NORTH SHORE HOSPITAL</b>	<b>NY Spills</b>	<b>S105236820</b>
<b>ESE</b>	<b>330 COMMUNITY DRIVE</b>	<b>NY Hist Spills</b>	<b>N/A</b>
<b>&lt; 1/8</b>	<b>MANHASSET, NY</b>		
<b>0.045 mi.</b>			
<b>238 ft.</b>	<b>Site 2 of 2 in cluster C</b>		

<b>Relative:</b>	SPILLS:		
<b>Lower</b>	Facility ID:	0125277	
	DER Facility ID:	248899	
<b>Actual:</b>	Facility Type:	ER	
<b>44 ft.</b>	Site ID:	308199	
	DEC Region:	1	
	Spill Date:	12/27/2001	
	Spill Number/Closed Date:	0125277 / 2/10/2011	
	Spill Cause:	Human Error	
	Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.	
	SWIS:	3022	
	Investigator:	WJGABIN	
	Referred To:	Not reported	
	Reported to Dept:	12/27/2001	
	CID:	Not reported	
	Water Affected:	Not reported	
	Spill Source:	Tank Truck	
	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:	12/27/2001	
	Spill Record Last Update:	2/11/2011	
	Spiller Name:	Not reported	
	Spiller Company:	HESS	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE HOSPITAL (Continued)**

**S105236820**

Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: HAROLD MORCH  
Contact Phone: (516) 562-8086  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "GABIN 01-124"\*\*\*SAME AS 0109473\*\*\*FF  
Remarks: HESS JUST MADE A DELIVERY TO TANK #14. AFTER THE DRIVER LEFT, HOSPITAL WORKERS NOTICED AN OIL ODOR AROUND THE LOADING DOCK WHERE THE OIL DELIVERIES ARE MADE. THEY INVESTIGATED, AND FOUND "SOME" OIL HAD SPILLED ONTO THE ROOF OF THE LOADING DOCK FROM THE VENT PIPE. SOME OF THIS OIL WENT INTO A ROOF DRAIN, WHICH LEADS TO A DRYWELL. MORCH CAN'T TELL FOR CERTAIN HOW MUCH OIL IS IN THE DRYWELL, BUT WHEN HE CHECKED IT WITH A PLAIN STICK, HE NOTICED AN OIL FILM AND SHEEN ON THE STICK. OVERALL, MORCH DOESN'T AT THIS TIME BELIEVE THERE WAS A LOT OF OIL SPILLED. THIS AREA OF THE ROOF IS NOT NEAR OCCUPIED AREAS OF THE HOSPITAL. MORCH IS CONTACTING HESS.\*\*\*SAME AS 0109473\*\*\*

Material:  
Site ID: 308199  
Operable Unit ID: 849512  
Operable Unit: 01  
Material ID: 552662  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

NY Hist Spills:  
Region of Spill: 1  
Spill Number/Closed Date: 0125277 / Not Closed  
Investigator: GABIN 01-124  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 12/27/2001 11:45  
Reported to Dept Date/Time: 12/27/01 11:53  
SWIS: 28  
Spiller Name: HESS  
Spiller Contact: Not reported  
Spiller Phone: ( ) -  
Spiller Contact: HAROLD MORCH  
Spiller Phone: (516) 562-8086  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Human Error

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE HOSPITAL (Continued)**

**S105236820**

Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 08  
Spill Notifier: Affected Persons  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 12/27/01  
Date Spill Entered In Computer Data File: 11:56  
Update Date: 12/28/01  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: \*\*\*SAME AS 0109473\*\*\*FF

Remark: HESS JUST MADE A DELIVERY TO TANK 14. AFTER THE DRIVER LEFT, HOSPITAL WORKERS NOTICED AN OIL ODOR AROUND THE LOADING DOCK WHERE THE OIL DELIVERIES ARE MADE. THEY INVESTIGATED, AND FOUND SOME OIL HAD SPILLED ONTO THE ROOF OF THE LOADING DOCK FROM THE VENT PIPE. SOME OF THIS OIL WENT INTO A ROOF DRAIN, WHICH LEADS TO A DRYWELL. MORCH CAN T TELL FOR CERTAIN HOW MUCH OIL IS IN THE DRYWELL, BUT WHEN HE CHECKED IT WITH A PLAIN STICK, HE NOTICED AN OIL FILM AND SHEEN ON THE STICK. OVERALL,MORCH DOESN T AT THIS TIME BELIEVE THERE WAS A LOT OF OIL SPILLED. THIS AREA OF THE ROOF IS NOT NEAR OCCUPIED AREAS OF THE HOSPITAL. MORCH IS CONTACTING HESS. \*\*\*SAME AS 0109473\*\*\*

D21  
NNE  
< 1/8  
0.049 mi.  
260 ft.

250 COMMUNITY DR  
GREAT NECK, NY 11021  
Site 1 of 13 in cluster D

EDR US Hist Auto Stat 1015362436  
N/A

Relative:  
Lower

EDR Historical Auto Stations:  
Name: ABEL CAR SERVICE LLC  
Year: 2002  
Address: 250 COMMUNITY DR

Actual:  
37 ft.



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**22**  
**South**  
**< 1/8**  
**0.055 mi.**  
**293 ft.**

**SPINNEY HILL HOMES**  
**POND HILL RD.**  
**GREAT NECK, NY**

**UST**    **U003377480**  
**N/A**

**Relative:**  
**Higher**

NASSAU CO. UST:  
Facility ID: 057151  
Owner Name: N. HEMPSTEAD HOUSING AUTH  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Permittee Name: SAME  
Permittee Address: Not reported  
Permittee City,St,Zip: Not reported

**Actual:**  
**94 ft.**

Tank ID: 0001  
Tank Location: Indoors, Belowground  
Capacity (Gal): 00010000  
Tank Status: 6  
Tank Material: STEEL  
Int Protection: None  
Ext Protection: NONE  
Piping Type: Steel/Iron  
Material Type: Fresh/Product  
Description: OIL, FUEL #2  
Leak Detect: NONE  
Containment: NONE  
Product Gauge: No  
Dispense Method: Suction  
Fill Type: Gravity  
Install Date: 011950

**D23**  
**NNE**  
**< 1/8**  
**0.071 mi.**  
**375 ft.**

**JACKIE LOVE**  
**222 COMMUNITY DRIVE**  
**MANHASSET, NY**

**NY Spills**    **S102094891**  
**NY Hist Spills**    **N/A**

**Site 2 of 13 in cluster D**

**Relative:**  
**Lower**

SPILLS:  
Facility ID: 8905285  
DER Facility ID: 215892  
Facility Type: ER  
Site ID: 264948  
DEC Region: 1  
Spill Date: 8/28/1989  
Spill Number/Closed Date: 8905285 / 7/5/1991  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:**  
**38 ft.**

SWIS: 3022  
Investigator: NJACAMPO  
Referred To: Not reported  
Reported to Dept: 8/28/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Passenger Vehicle  
Spill Notifier: Fire Department  
Cleanup Ceased: 7/5/1991  
Cleanup Meets Std: True  
Last Inspection: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACKIE LOVE (Continued)**

**S102094891**

Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 8/30/1989  
Spill Record Last Update: 4/13/2011  
Spiller Name: Not reported  
Spiller Company: JACKIE LOVE  
Spiller Address: 104-12 FARMERS BLVD  
Spiller City,St,Zip: HOLLIS, NY 11412  
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 "ACAMPORA"DRIVE BY BY DEC, NO DRAINAGE

Remarks: NCFM SPEEDY DRY & CLEANING UP.

Material:

Site ID: 264948  
Operable Unit ID: 930522  
Operable Unit: 01  
Material ID: 445721  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 20  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

NY Hist Spills:

Region of Spill: 1  
Spill Number/Closed Date: 8905285 / 07/05/91  
Investigator: ACAMPORA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 08/28/1989 14:00  
Reported to Dept Date/Time: 08/28/89 15:50  
SWIS: 28  
Spiller Name: JACKIE LOVE  
Spiller Contact: Not reported  
Spiller Phone: (718) 291-8287  
Spiller Address: 104-12 FARMERS BLVD  
Spiller City,St,Zip: HOLLIS, NY 11412  
Spill Cause: Equipment Failure  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 06  
Spill Notifier: Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACKIE LOVE (Continued)**

**S102094891**

PBS Number: Not reported  
Cleanup Ceased: 07/05/91  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Not reported  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 08/30/89  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 07/08/91  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 20  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: Not reported  
Remark: NCFM SPEEDY DRY CLEANING UP.

D24  
NNE  
< 1/8  
0.071 mi.  
375 ft.

**ROYAL ZENITH**  
**222 COMMUNITY DR**  
**GREAT NECK, NY 11021**  
  
**Site 3 of 13 in cluster D**

**RCRA NonGen / NLR** 1000148533  
**FINDS** NYD001669472  
**MANIFEST**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007  
Facility name: ROYAL ZENITH  
Facility address: 222 COMMUNITY DR  
GREAT NECK, NY 110215504  
EPA ID: NYD001669472  
Mailing address: COMMUNITY DR  
GREAT NECK, NY 11020  
Contact: Not reported  
Contact address: COMMUNITY DR  
GREAT NECK, NY 11020  
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

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROYAL ZENITH (Continued)**

**1000148533**

Owner/Operator Summary:

Owner/operator name: ROYAL ZENITH  
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

Owner/operator name: ROYAL ZENITH  
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

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  
Facility name: ROYAL ZENITH  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Facility name: ROYAL ZENITH  
Classification: Not a generator, verified

Date form received by agency: 01/02/1990  
Facility name: ROYAL ZENITH  
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004335835

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROYAL ZENITH (Continued)**

**1000148533**

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: NYD001669472  
Country: USA  
Mailing Name: PLANETA NORTH AMERICA INCORPORATED  
Mailing Contact: ERIC L WILCOX  
Mailing Address: 222 COMMUNITY DRIVE  
Mailing Address 2: Not reported  
Mailing City: GREAT NECK  
Mailing State: NY  
Mailing Zip: 11021  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-466-3900

Document ID: NJA0810514  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: 000000000  
Trans2 State ID: 000000000  
Generator Ship Date: 900504  
Trans1 Recv Date: 900504  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 900508  
Part A Recv Date: 900815  
Part B Recv Date: 900514  
Generator EPA ID: NYD001669472  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: Not reported  
TSDf ID: NJD002182897  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 01500  
Units: P - Pounds  
Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00500  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 90

Document ID: NJA0713521  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROYAL ZENITH (Continued)**

**1000148533**

Trans1 State ID: Not reported  
Trans2 State ID: NJDEPS086  
Generator Ship Date: 900126  
Trans1 Recv Date: 900126  
Trans2 Recv Date: 900201  
TSD Site Recv Date: 900201  
Part A Recv Date: 900326  
Part B Recv Date: 900222  
Generator EPA ID: NYD001669472  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: ILD051060408  
TSDF ID: NJD002182897  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00500  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00500  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 90

Document ID: NJA0926081  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: 00000000  
Trans2 State ID: 00000000  
Generator Ship Date: 900801  
Trans1 Recv Date: 900801  
Trans2 Recv Date: 900801  
TSD Site Recv Date: 900802  
Part A Recv Date: 901004  
Part B Recv Date: 900820  
Generator EPA ID: NYD001669472  
Trans1 EPA ID: ILD051060408  
Trans2 EPA ID: ILD051060408  
TSDF ID: NJD002182897  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00500  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00500  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ROYAL ZENITH (Continued)**

**1000148533**

Year: 90

Document ID: NJA1638898  
 Manifest Status: Completed copy  
 Trans1 State ID: NJDEPS869  
 Trans2 State ID: NJDEPS060  
 Generator Ship Date: 930202  
 Trans1 Recv Date: 930202  
 Trans2 Recv Date: 930204  
 TSD Site Recv Date: 930204  
 Part A Recv Date: Not reported  
 Part B Recv Date: 930219  
 Generator EPA ID: NYD001669472  
 Trans1 EPA ID: ILD051060408  
 Trans2 EPA ID: NYD980769947  
 TSD ID: NJD002182897  
 Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
 Quantity: 06322  
 Units: P - Pounds  
 Number of Containers: 016  
 Container Type: DM - Metal drums, barrels  
 Handling Method: B Incineration, heat recovery, burning.  
 Specific Gravity: 100  
 Waste Code: Not reported  
 Quantity: 00944  
 Units: P - Pounds  
 Number of Containers: 002  
 Container Type: DM - Metal drums, barrels  
 Handling Method: B Incineration, heat recovery, burning.  
 Specific Gravity: 100  
 Waste Code: Not reported  
 Quantity: 01594  
 Units: P - Pounds  
 Number of Containers: 004  
 Container Type: DM - Metal drums, barrels  
 Handling Method: B Incineration, heat recovery, burning.  
 Specific Gravity: 100  
 Year: 93

**D25**  
**NNE**  
 < 1/8  
 0.072 mi.  
 382 ft.

**UNKNOWN**  
**220 COMMUNITY DRIVE**  
**MANHASSET, NY**  
 Site 4 of 13 in cluster D

**NY Spills S106384799**  
**N/A**

**Relative:**  
**Lower**

**SPILLS:**

Facility ID: 0804062  
 DER Facility ID: 350175  
 Facility Type: ER  
 Site ID: 400903  
 DEC Region: 1  
 Spill Date: 7/9/2008  
 Spill Number/Closed Date: 0804062 / 8/15/2008  
 Spill Cause: Other  
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
 Willing Responsible Party. Corrective action taken.  
 SWIS: 3022

**Actual:**  
 38 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNKNOWN (Continued)**

**S106384799**

Investigator: wjgabin  
Referred To: Not reported  
Reported to Dept: 7/9/2008  
CID: 444  
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: 7/9/2008  
Spill Record Last Update: 2/22/2010  
Spiller Name: STEVE CHUMAS  
Spiller Company: NOT FOR PROFIT BUILDING  
Spiller Address: 220 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spiller Company: 001  
Contact Name: STEVE CHUMAS  
Contact Phone: (516) 684-2555  
DEC Memo: VP 10:38 T/C TO STEVE CHUMAS: HE WILL CALL BACK10:40 T/C TO MILRO;  
DOROTHY - CREW DISPATCHED10:50 T/C STEVE CHUMAS, SUPERINTENDENT:  
IMPERVIOUS SURFACE AFFECTED; NO DRAINS OR CATCH BASINS12:00 WG  
CALLED: CLEANUP COMPLETED BY MILRO; SURFACE SPILL; SECONDARY  
CONTAINMENT AFFECTED7/14/08 FILE REASSIGNEDCLEANUP COMPLETED BY MILRO  
ENV. A TOTAL OF 40 GALS OF CONT LIQUID, OIL & WATER, WAS PUMPED OUT  
AND PROPERLY DISPOSED OF AT NY OIL RECOVERY AND ALSO 2 CUBIC YARDS OF  
CONT DEBRIS GENERATED AND PROPERLY DISPOSED OF AT PIONEER CROSSING  
LANDFILL, NO ADDITIONAL ACTIONS

Remarks: DRIVER HOOKED UP TO AN OLD FILL LINE AND SPILLED AND IN PROCESS OF  
CLEANING AND MILRO ENROUTE

Material:

Site ID: 400903  
Operable Unit ID: 1157714  
Operable Unit: 01  
Material ID: 2148748  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 130  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 0400372  
DER Facility ID: 187909  
Facility Type: ER  
Site ID: 227705  
DEC Region: 1



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNKNOWN (Continued)**

**S106384799**

Spill Date: 4/12/2004  
Spill Number/Closed Date: 0400372 / 10/26/2010  
Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
SWIS: 3022  
Investigator: WJGABIN  
Referred To: Not reported  
Reported to Dept: 4/12/2004  
CID: 407  
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: 0  
Date Entered In Computer: 4/12/2004  
Spill Record Last Update: 10/27/2010  
Spiller Name: KEVIN HUSSEY  
Spiller Company: Not reported  
Spiller Address: 220 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY 001  
Spiller Company: KEVIN HUSSEY  
Contact Name: (646) 879-0360  
Contact Phone: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "GABIN"4/13 TELECON HUSSEY-TOLD BY OWNER THAT AN ABANDONED TANK THAT CONTAINED KEROSENE OR GASOLINE. HOMEOWNER HIRED AGENCY TO CHECK TANK, DIGGING TRENCH FOR WATER LINE 4FT-5FT, NO GW, STRONG ODORS, PRIVATE ESTATE (FOUNDATION)ADMINISTRATIVELY CLOSED  
Remarks: spill discovered while diging a trench on a construction site, site is near an old underground tank and a garage and caller believes it could be from either. no further digging has taken place.  
Material:  
Site ID: 227705  
Operable Unit ID: 882547  
Operable Unit: 01  
Material ID: 491630  
Material Code: 0066A  
Material Name: UNKNOWN PETROLEUM  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**D26**      **GREENTREE FOUNDATION - JOHN HAY MAIN HSE**  
**NNE**      **220 COMMUNITY DR**  
**< 1/8**     **MANHASSET, NY**  
**0.072 mi.**  
**382 ft.**    **Site 5 of 13 in cluster D**

**UST**    **U004052797**  
**AST**    **N/A**

**Relative:**  
**Lower**

NCFM UST:  
Batt/Dept:            87  
Location Id:          26509  
Unit Type:            HB  
Vendor:                UNBRANDED  
Installed Date:       01/01/1961  
Last Test Date:      01/26/1994  
Status:                Removed  
Tank Contents:       10000000

**Actual:**  
**38 ft.**

Batt/Dept:            87  
Location Id:          26509  
Unit Type:            HB  
Vendor:                UNBRANDED  
Installed Date:       03/29/1979  
Last Test Date:      12/16/1994  
Status:                Removed  
Tank Contents:       10000000

Batt/Dept:            87  
Location Id:          26509  
Unit Type:            HB  
Vendor:                UNBRANDED  
Installed Date:       02/21/1961  
Last Test Date:      03/22/1995  
Status:                Removed  
Tank Contents:       30120303

Batt/Dept:            87  
Location Id:          26509  
Unit Type:            HB  
Vendor:                UNBRANDED  
Installed Date:       01/01/1961  
Last Test Date:      03/24/1995  
Status:                Removed  
Tank Contents:       30120303

Batt/Dept:            87  
Location Id:          26509  
Unit Type:            HB  
Vendor:                UNBRANDED  
Installed Date:       02/21/1961  
Last Test Date:      03/22/1995  
Status:                Removed  
Tank Contents:       30120305

Batt/Dept:            87  
Location Id:          26509  
Unit Type:            HB  
Vendor:                UNBRANDED  
Installed Date:       02/21/1961  
Last Test Date:      03/23/1995  
Status:                Removed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENTREE FOUNDATION - JOHN HAY MAIN HSE (Continued)**

**U004052797**

Tank Contents:	30120305
Batt/Dept:	87
Location Id:	6723996
Unit Type:	HF
Vendor:	Not reported
Installed Date:	09/01/2000
Last Test Date:	03/03/2010
Status:	Active
Tank Contents:	30120300
Batt/Dept:	87
Location Id:	26509
Unit Type:	IF
Vendor:	Not reported
Installed Date:	08/30/1999
Last Test Date:	08/30/1999
Status:	Removed
Tank Contents:	30120300
NCFM AST:	
Contents:	30199301
Batt/Dept:	87
Location Id:	26509
Unit Type:	DX
Vendor:	UNB
Installed Date:	07/29/1991
Last Test Date:	07/29/1992
Status:	Removed
Contents:	30199301
Batt/Dept:	87
Location Id:	26509
Unit Type:	DB
Vendor:	Not reported
Installed Date:	Not reported
Last Test Date:	12/04/2007
Status:	Active
Contents:	30199301
Batt/Dept:	87
Location Id:	6723996
Unit Type:	DB
Vendor:	Not reported
Installed Date:	Not reported
Last Test Date:	12/04/2007
Status:	Active
Contents:	10000000
Batt/Dept:	87
Location Id:	26509
Unit Type:	DB
Vendor:	UNBRANDED
Installed Date:	08/01/1988
Last Test Date:	12/30/1993
Status:	Removed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENTREE FOUNDATION - JOHN HAY MAIN HSE (Continued)**

**U004052797**

Contents: 30199301  
Batt/Dept: 87  
Location Id: 6321713  
Unit Type: DG  
Vendor: Not reported  
Installed Date: 11/17/2005  
Last Test Date: 11/17/2005  
Status: Active

Contents: 30199301  
Batt/Dept: 87  
Location Id: 26509  
Unit Type: DG  
Vendor: UNBRANDED  
Installed Date: 12/23/1993  
Last Test Date: 12/23/1993  
Status: Removed

**D27**  
**NNE**  
**< 1/8**  
**0.076 mi.**  
**402 ft.**

**OFFICE BUILDING**  
**225 COMMUNITY DRIVE**  
**LAKE SUCCESS, NY**

**NY Spills S103569740**  
**NY Hist Spills N/A**

**Site 6 of 13 in cluster D**

**Relative:**  
**Lower**

**SPILLS:**

Facility ID: 9606558  
DER Facility ID: 94302  
Facility Type: ER  
Site ID: 107212  
DEC Region: 1  
Spill Date: 8/21/1996  
Spill Number/Closed Date: 9606558 / 3/3/1997  
Spill Cause: Other  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**SWIS:** 3000  
Investigator: CAMPBELL  
Referred To: Not reported  
Reported to Dept: 8/21/1996  
CID: 267  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 8/21/1996  
Spill Record Last Update: 3/5/1997  
Spiller Name: Not reported  
Spiller Company: OFFICE BUILDING  
Spiller Address: 225 COMMUNITY DRIVE  
Spiller City,St,Zip: LAKE SUCCESS, ZZ  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported

**Actual:**  
**37 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OFFICE BUILDING (Continued)**

**S103569740**

DEC Memo: Not reported  
Remarks: 10,000 tank removed full of holes 60 cubic yards of soil removedso  
far mike palmasanoncdh requests responce

Material:

Site ID: 107212  
Operable Unit ID: 1034358  
Operable Unit: 01  
Material ID: 345824  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

NY Hist Spills:

Region of Spill: 1  
Spill Number/Closed Date: 9606558 / 03/03/97  
Investigator: CAMPBELL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 08/21/1996 12:00  
Reported to Dept Date/Time: 08/21/96 14:00  
SWIS: 28  
Spiller Name: OFFICE BUILDING  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Address: 225 COMMUNITY DRIVE  
Spiller City,St,Zip: LAKE SUCCESS -  
Spill Cause: Other  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Corrective Action Plan Submitted: / /

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OFFICE BUILDING (Continued)

S103569740

Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 08/21/96  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 03/05/97  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: True  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207

DEC Remarks: 3/2/97 REC VD DISPOSAL RECEIPTS FOR 285 TONS OF CONT SOIL. BASED ON THESE RECPTS AND RESULTS OF SOIL BORING SAMPLE ANALYSIS, NO FURTHER ACTION REQUIRED AT THIS TIME

Remark: 10,000 tank removed full of holes 60 cubic yards of soil removed so far mike palmasano ncdh requests responce

D28  
NNE  
< 1/8  
0.077 mi.  
406 ft.

INTERNATIONAL BIOIMMUNE SYSTEMS INC  
225 COMMUNITY DR W SUITE 140  
GREAT NECK, NY 11021

RCRA-CESQG 1010328583  
MANIFEST NYR000143891

Site 7 of 13 in cluster D

Relative:  
Lower

RCRA-CESQG:

Date form received by agency: 01/09/2007  
Facility name: INTERNATIONAL BIOIMMUNE SYSTEMS INC  
Facility address: 225 COMMUNITY DR W SUITE 140  
GREAT NECK, NY 11021

Actual:  
36 ft.

EPA ID: NYR000143891  
Mailing address: S FEDERAL HWY SUITE 202  
BOCA RATON, FL 33432  
Contact: ANDREW C WEBB  
Contact address: S FEDERAL HWY SUITE 202  
BOCA RATON, FL 33432

Contact country: US  
Contact telephone: (617) 642-3450  
Contact email: DWEBB\_IBS@COMCAST.NET  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

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: 225 COMMUNITY DRIVE LLC  
Owner/operator address: MARTINE AVE SUITE 200  
WHITE PLAINS, NY 10601  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/2006  
Owner/Op end date: Not reported

Owner/operator name: 225 COMMUNITY DRIVE LLC  
Owner/operator address: MARTINE AVE SUITE 200  
WHITE PLAINS, NY 10601  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/2006  
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: 01/08/2007  
Facility name: INTERNATIONAL BIOIMMUNE SYSTEMS INC  
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/08/2007  
Facility name: INTERNATIONAL BIOIMMUNE SYSTEMS INC  
Classification: Conditionally Exempt Small Quantity Generator

**Hazardous Waste Summary:**

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D004  
Waste name: ARSENIC

Waste code: D005  
Waste name: BARIUM

Waste code: D006  
Waste name: CADMIUM

Waste code: D007  
Waste name: CHROMIUM

Waste code: D008  
Waste name: LEAD

Waste code: D009  
Waste name: MERCURY

Waste code: D010  
Waste name: SELENIUM

Waste code: D011  
Waste name: SILVER

Violation Status: No violations found

**NY MANIFEST:**

EPA ID: NYR000143891  
Country: USA  
Mailing Name: INTERNATIONAL BIOIMMUNE SYSTEMS INC  
Mailing Contact: INTERNATIONAL BIOIMMUNE SYSTEMS INC  
Mailing Address: 225 W COMMUNITY DR  
Mailing Address 2: Not reported  
Mailing City: GEAT NECK  
Mailing State: NY  
Mailing Zip: 11021  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 617-642-3450

Document ID: Not reported  
Manifest Status: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

Trans1 State ID: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
Waste Code: Not reported  
Quantity: 20  
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: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
Waste Code: Not reported  
Quantity: 450  
Units: P - Pounds  
Number of Containers: 9  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 002698853JJK

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
Waste Code: Not reported  
Quantity: 100  
Units: P - Pounds  
Number of Containers: 2  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000143891
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID:	CDX480000000
Waste Code:	Not reported
Quantity:	50
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	002698853JJK
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:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	1/17/2007
Trans1 Recv Date:	1/17/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2/9/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000143891
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID:	CDX480000000
Waste Code:	Not reported
Quantity:	30
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:	002698853JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
Waste Code: Not reported  
Quantity: 50  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: L Landfill.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

Waste Code: Not reported  
Quantity: 100  
Units: P - Pounds  
Number of Containers: 2  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: L Landfill.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
Waste Code: Not reported  
Quantity: 50  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: L Landfill.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 002698853JJK  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX48000000  
Waste Code: Not reported  
Quantity: 50  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: L Landfill.  
Specific Gravity: 1  
Year: 2007  
Manifest Tracking Num: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX48000000  
Waste Code: Not reported  
Quantity: 50  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: L Landfill.  
Specific Gravity: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

Year: 2007  
Manifest Tracking Num: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
Waste Code: Not reported  
Quantity: 50  
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: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
Waste Code: Not reported  
Quantity: 50  
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: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 1/17/2007  
Trans1 Recv Date: 1/17/2007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2/9/2007  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
Waste Code: Not reported  
Quantity: 50  
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: 002698853JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 2007-01-17  
Trans1 Recv Date: 2007-01-17  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-02-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
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: 2007  
Manifest Tracking Num: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 2007-01-17  
Trans1 Recv Date: 2007-01-17  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-02-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

Trans2 EPA ID: Not reported  
TSDF ID: CDX480000000  
Waste Code: Not reported  
Quantity: 30.0  
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: 2007  
Manifest Tracking Num: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 2007-01-17  
Trans1 Recv Date: 2007-01-17  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-02-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: CDX480000000  
Waste Code: Not reported  
Quantity: 450.0  
Units: P - Pounds  
Number of Containers: 9.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2007  
Manifest Tracking Num: 002698853JJK  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 2007-01-17  
Trans1 Recv Date: 2007-01-17  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-02-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
Waste Code: Not reported  
Quantity: 100.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2007  
Manifest Tracking Num: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 2007-01-17  
Trans1 Recv Date: 2007-01-17  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-02-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
Waste Code: Not reported  
Quantity: 50.0  
Units: P - Pounds  
Number of Containers: 1.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2007  
Manifest Tracking Num: 002698853JJK  
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: NYD049178296  
Trans2 State ID: Not reported  
Generator Ship Date: 2007-01-17  
Trans1 Recv Date: 2007-01-17  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 2007-02-09  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000143891  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: CDX480000000  
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: L Landfill.  
Specific Gravity: 1.0  
Year: 2007  
Manifest Tracking Num: 002698853JJK  
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: NYD049178296

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**INTERNATIONAL BIOIMMUNE SYSTEMS INC (Continued)**

**1010328583**

Trans2 State ID: Not reported  
 Generator Ship Date: 2007-01-17  
 Trans1 Recv Date: 2007-01-17  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 2007-02-09  
 Part A Recv Date: Not reported  
 Part B Recv Date: Not reported  
 Generator EPA ID: NYR000143891  
 Trans1 EPA ID: Not reported  
 Trans2 EPA ID: Not reported  
 TSD ID: CDX480000000  
 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: L Landfill.  
 Specific Gravity: 1.0  
 Year: 2007  
 Manifest Tracking Num: 002698853JJK  
 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

[Click this hyperlink](#) while viewing on your computer to access  
 6 additional NY\_MANIFEST: record(s) in the EDR Site Report.

**D29**  
**NNE**  
 < 1/8  
 0.078 mi.  
 411 ft.

**GREENTREE**  
**270 VALLEY RD**  
**MANHASSET, NY 11030**  
  
**Site 8 of 13 in cluster D**

**RCRA NonGen / NLR** **1000208858**  
**FINDS** **NYD982741860**  
**MANIFEST**

**Relative:**  
**Lower**

RCRA NonGen / NLR:  
 Date form received by agency: 01/01/2007  
 Facility name: GREENTREE  
 Facility address: 270 VALLEY RD  
 MANHASSET, NY 11030  
 EPA ID: NYD982741860  
 Mailing address: VALLEY RD  
 MANHASSET, NY 11030  
 Contact: Not reported  
 Contact address: VALLEY RD  
 MANHASSET, NY 11030  
 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

**Actual:**  
 37 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENTREE (Continued)**

**1000208858**

Owner/Operator Summary:

Owner/operator name: MRS JH WHITNEY  
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: MRS JH WHITNEY  
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  
Facility name: GREENTREE  
Classification: Not a generator, verified

Date form received by agency: 05/02/1995  
Facility name: GREENTREE  
Classification: Unverified

Date form received by agency: 06/26/1989  
Facility name: GREENTREE  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004432052

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENTREE (Continued)**

**1000208858**

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: NYD982741860  
Country: USA  
Mailing Name: GREENTREE  
Mailing Contact: GREENTREE  
Mailing Address: 270 VALLEY ROAD  
Mailing Address 2: Not reported  
Mailing City: MANHASSET  
Mailing State: NY  
Mailing Zip: 11030  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-627-0622

Document ID: NYB6815448  
Manifest Status: Completed copy  
Trans1 State ID: HM3506  
Trans2 State ID: Not reported  
Generator Ship Date: 950109  
Trans1 Recv Date: 950109  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950109  
Part A Recv Date: 950119  
Part B Recv Date: 950123  
Generator EPA ID: NYD982741860  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSD ID: NYD082785429  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00096  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: NYB2049255  
Manifest Status: Completed copy  
Trans1 State ID: 000000000  
Trans2 State ID: 000000000  
Generator Ship Date: 900301  
Trans1 Recv Date: 900301  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 900302  
Part A Recv Date: 900326

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENTREE (Continued)**

**1000208858**

Part B Recv Date: 900313  
Generator EPA ID: NYD982741860  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSD ID: NYD082785429  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00220  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 004  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 90

Document ID: NYA7039053  
Manifest Status: Completed copy  
Trans1 State ID: MV6352  
Trans2 State ID: Not reported  
Generator Ship Date: 890911  
Trans1 Recv Date: 890911  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 890911  
Part A Recv Date: 890918  
Part B Recv Date: 890918  
Generator EPA ID: NYD982741860  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSD ID: NYD082785429  
Waste Code: P044 - DIMETHOATE  
Quantity: 00047  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00257  
Units: P - Pounds  
Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 89

Document ID: NYB6711003  
Manifest Status: Completed copy  
Trans1 State ID: XR4643  
Trans2 State ID: Not reported  
Generator Ship Date: 950317  
Trans1 Recv Date: 950317  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950317  
Part A Recv Date: 950323  
Part B Recv Date: 950329  
Generator EPA ID: NYD982741860



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENTREE (Continued)**

**1000208858**

Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00060  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 95

Document ID: NYB2140623  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: HL4120  
Trans2 State ID: Not reported  
Generator Ship Date: 900424  
Trans1 Recv Date: 900424  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 900424  
Part A Recv Date: 900614  
Part B Recv Date: 900531  
Generator EPA ID: NYD982741860  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: P075 - NICOTINE AND SALTS  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00100  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 081  
Year: 90

Document ID: NYB2775915  
Manifest Status: Completed copy  
Trans1 State ID: HJL4120  
Trans2 State ID: Not reported  
Generator Ship Date: 900917  
Trans1 Recv Date: 900917  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 900918  
Part A Recv Date: 901005  
Part B Recv Date: 901010  
Generator EPA ID: NYD982741860  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENTREE (Continued)**

**1000208858**

TSDF ID: NYD082785429  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00040  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 095  
Waste Code: Not reported  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 130  
Year: 90

Document ID: NYB7438005  
Manifest Status: Completed copy  
Trans1 State ID: PD9938  
Trans2 State ID: Not reported  
Generator Ship Date: 960118  
Trans1 Recv Date: 960118  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 960118  
Part A Recv Date: 960130  
Part B Recv Date: 960130  
Generator EPA ID: NYD982741860  
Trans1 EPA ID: NYD082785429  
Trans2 EPA ID: Not reported  
TSDF ID: NYD082785429  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00055  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: Not reported  
Quantity: 00020  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 089  
Waste Code: Not reported  
Quantity: 00020  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 96

Document ID: NYB6707331

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GREENTREE (Continued)**

**1000208858**

Manifest Status: Completed copy  
 Trans1 State ID: PD9938  
 Trans2 State ID: Not reported  
 Generator Ship Date: 941104  
 Trans1 Recv Date: 941104  
 Trans2 Recv Date: Not reported  
 TSD Site Recv Date: 941104  
 Part A Recv Date: 941114  
 Part B Recv Date: 941116  
 Generator EPA ID: NYD982741860  
 Trans1 EPA ID: NYD082785429  
 Trans2 EPA ID: Not reported  
 TSD ID: NYD082785429  
 Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
 Quantity: 00054  
 Units: G - Gallons (liquids only)\* (8.3 pounds)  
 Number of Containers: 002  
 Container Type: DM - Metal drums, barrels  
 Handling Method: B Incineration, heat recovery, burning.  
 Specific Gravity: 090  
 Year: 94

**D30**  
**NNE**  
 < 1/8  
 0.078 mi.  
 411 ft.

**GREENTREE FOUNDATION**  
**270 VALLEY RD.**  
**MANHASSET, NY**  
 Site 9 of 13 in cluster D

**AST A100210116**  
**N/A**

**Relative:**  
**Lower**

NASSAU CO. AST:  
 Facility ID: 058262  
 Tank ID: 0001  
 Tank Location: Outdoors, Aboveground  
 Capacity (Gal): 00001500  
 Tank Status: In Service  
 Tank Material: STEEL  
 Int Protection: None  
 Ext Protection: PAINTED [e.g. asphaltic]  
 Piping Type: Other  
 Material Type: Fresh/Product  
 Description: OIL, FUEL #2  
 Leak Detect: OTHER  
 Containment: DOUBLE WALL TANK  
 Product Gauge: Yes  
 Dispense Method: Suction  
 Fill Type: Pumped  
 Install Date: 111992  
 Owner Name: GREENTREE FOUNDATION  
 Owner Address: 400 MADISON AVE.  
 Owner City,St,Zip: NEW YORK, NY 10017  
 Permittee Name: SAME  
 Permittee Address: Not reported  
 Permittee City,St,Zip: Not reported

**Actual:**  
**37 ft.**

Facility ID: 058262  
 Tank ID: 0002  
 Tank Location: Outdoors, Aboveground  
 Capacity (Gal): 00001500  
 Tank Status: In Service

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENTREE FOUNDATION (Continued)**

**A100210116**

Tank Material: STEEL  
Int Protection: None  
Ext Protection: PAINTED [e.g. asphaltic]  
Piping Type: Other  
Material Type: Fresh/Product  
Description: OIL, FUEL #2  
Leak Detect: OTHER  
Containment: DOUBLE WALL TANK  
Product Gauge: Yes  
Dispense Method: Suction  
Fill Type: Pumped  
Install Date: 111992  
Owner Name: GREENTREE FOUNDATION  
Owner Address: 400 MADISON AVE.  
Owner City,St,Zip: NEW YORK, NY 10017  
Permitee Name: SAME  
Permitee Address: Not reported  
Permitee City,St,Zip: Not reported

**D31**  
**NNE**  
**< 1/8**  
**0.093 mi.**  
**492 ft.**

**NORTH SHORE COMMUNITY SRVCS -REAL ESTATE**  
**200 COMMUNITY DR**  
**LAKE SUCCESS, NY**

**UST U003847479**  
**N/A**

**Site 10 of 13 in cluster D**

**Relative:**  
**Lower**

NCFM UST:  
Batt/Dept: 87  
Location Id: 34978  
Unit Type: HB  
Vendor: UNBRANDED  
Installed Date: Not reported  
Last Test Date: 05/10/1985  
Status: Removed  
Tank Contents: 30120300

**Actual:**  
**38 ft.**

**D32**  
**NNE**  
**< 1/8**  
**0.095 mi.**  
**501 ft.**

**199 COMMUNITY DRIVE**  
**GREAT NECK, NY**

**NY Hist Spills S104649312**  
**N/A**

**Site 11 of 13 in cluster D**

**Relative:**  
**Lower**

NY Hist Spills:  
Region of Spill: 1  
Spill Number/Closed Date: 9904088 / 03/23/00  
Investigator: DARCANGELO  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 07/07/1999 16:11  
Reported to Dept Date/Time: 07/07/99 18:00  
SWIS: 28  
Spiller Name: LIPA  
Spiller Contact: Not reported

**Actual:**  
**38 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104649312

Spiller Phone: ( ) -  
Spiller Address: 333 EARLE OVINGTON BLVD  
Spiller City,St,Zip: UNIONDALE, NY 11553-  
Spill Cause: Equipment Failure  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 07/07/99  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 03/24/00  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 20  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: TRANSFORMER OIL  
Class Type: TRANSFORMER OIL  
Times Material Entry In File: 533  
CAS Number: Not reported  
Last Date: 19940926  
DEC Remarks: TELECON WITH CHRIS GROSS: SPILL IS PREDOMINANTLY ON ROADWAY, NO DRAINAGE  
IMPACTED. TRADEWINDS IS ON SITE TO PERFORM CLEANUP. REVISED ESTIMATE OF SPILLED  
PRODUCT IS APPROX 20 GALS  
Remark: 300 kva pad mount transformer overheated and split causing spill - spill on  
land and roadway - spill is being contained at this time

D33  
NNE  
< 1/8  
0.095 mi.  
501 ft.

WEDGEWOOD CARE CENTER  
199 COMMUNITY DRIVE  
GREAT NECK, NY  
Site 12 of 13 in cluster D

LTANKS S100151486  
HIST LTANKS N/A  
NY Spills

Relative:  
Lower

LTANKS:

Site ID: 153180  
Spill Number/Closed Date: 9009485 / 3/5/1992  
Spill Date: 11/30/1990  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Actual:  
38 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WEDGEWOOD CARE CENTER (Continued)**

**S100151486**

Unknown Responsible Party. Corrective action taken. (ISR)  
Cleanup Ceased: 3/5/1992  
Cleanup Meets Standard: True  
SWIS: 3022  
Investigator: KMYAGER  
Referred To: Not reported  
Reported to Dept: 11/30/1990  
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: 12/4/1990  
Spill Record Last Update: 3/30/2010  
Spiller Name: Not reported  
Spiller Company: WEDGEWOOD HAIR CENTER  
Spiller Address: 199 COMMUNITY DRIVE  
Spiller City,St,Zip: GREAT NECK, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 269944  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was

Remarks: "DEROSA"2/25/92 SPOKE WITH SAUL KLIENBERG, HAD TANKS TESTED BY ANOTHER COMPANY, THEY PASSED, DEROSA TO CALL BACK TOMORROW2/26/92 SPOKE WITH SAUL, COMPANY THAT RETESTED TANK IS PETROLEUM TANK, 624-484203/05/92: TANKS TESTED BY ANOTHER COMPANY, PASSED,, 5K FAILED GROSS LEAK, PETROTITE TEST, DONNEGAL TESTER.

Material:  
Site ID: 153180  
Operable Unit ID: 949920  
Operable Unit: 01  
Material ID: 429698  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:  
Site ID: 153180  
Spill Tank Test: 1537970  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WEDGEWOOD CARE CENTER (Continued)**

**S100151486**

Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Site ID: 334737  
Spill Number/Closed Date: 0409877 / 3/16/2005  
Spill Date: 12/4/2004  
Spill Cause: Tank Overfill  
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: 3022

Investigator: Unassigned

Referred To: Not reported

Reported to Dept: 12/4/2004

CID: 73

Water Affected: Not reported

Spill Notifier: Other

Last Inspection: Not reported

Recommended Penalty: False

UST Involvement: False

Remediation Phase: 0

Date Entered In Computer: 12/6/2004

Spill Record Last Update: 3/17/2005

Spiller Name: JIM CAREY

Spiller Company: WEDGEWOOD CARE CENTER

Spiller Address: 199 COMMUNITY DR

Spiller City,St,Zip: GREAT NECK, NY

Spiller County: 001

Spiller Contact: JIM CAREY

Spiller Phone: (914) 403-1690

Spiller Extention: Not reported

DEC Region: 1

DER Facility ID: 269944

DEC Memo: TELECON CAREY, OVERFILL, SPILL INTO SECONDARY CONTAINMENT NEAR FILL  
IN FRONT OF BUILDING, TANK IN BACK, MOST OF OIL IS IN CONCRETE SEC  
CONTAINMENT. SOME ONTO SOIL, DIGGING OUT. PUT PADS IN CONTAINMENT  
AREA, EST ~ 10 GALS SPILLED

Remarks: TANK OVER-FILL ONTO SOIL. CLEAN UP IS IN PROGRESS.

**Material:**

Site ID: 334737  
Operable Unit ID: 1096860  
Operable Unit: 01  
Material ID: 576746  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 15  
Units: Gallons  
Recovered: 15  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WEDGEWOOD CARE CENTER (Continued)**

**S100151486**

Tank Test:

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 9009485 / 03/05/92  
Spill Date: 11/30/1990  
Spill Time: 11:30  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 03/05/92  
Cleanup Meets Standard: True  
Investigator: DEROSA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 11/30/90  
Reported to Department Time: 14:05  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: WEDGEWOOD HAIR CENTER  
Spiller Address: 199 COMMUNITY DRIVE  
Spiller City,St,Zip: GREAT NECK, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 365-9229  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 12/04/90  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 03/16/92  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WEDGEWOOD CARE CENTER (Continued)**

**S100151486**

Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 03/05/92: TANKS TESTED BY ANOTHER COMPANY, PASSED.,  
Spill Cause: 5K FAILED GROSS LEAK, PETROTITE TEST, DONNEGAL TESTER.

SPILLS:

Facility ID: 9904088  
DER Facility ID: 269944  
Facility Type: ER  
Site ID: 153181  
DEC Region: 1  
Spill Date: 7/7/1999  
Spill Number/Closed Date: 9904088 / 3/23/2000  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.

SWIS: 3022  
Investigator: MJDARCAN  
Referred To: Not reported  
Reported to Dept: 7/7/1999  
CID: 322  
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: 7/7/1999  
Spill Record Last Update: 6/18/2007  
Spiller Name: Not reported  
Spiller Company: LIPA  
Spiller Address: 333 EARLE OVINGTON BLVD  
Spiller City,St,Zip: UNIONDALE, NY 11553-  
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  
"DARCANGELO"TELECON WITH CHRIS GROSS: SPILL IS PREDOMINANTLY ON  
ROADWAY, NO DRAINAGE IMPACTED. TRADEWINDS IS ON SITE TO PERFORM  
CLEANUP. REVISED ESTIMATE OF SPILLED PRODUCT IS APPROX 20 GALS  
300 kva pad mount transformer overheated and split causing spill

Remarks:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WEDGEWOOD CARE CENTER (Continued)**

**S100151486**

-spill on land and roadway - spill is being contained at this time

Material:

Site ID: 153181  
Operable Unit ID: 1083026  
Operable Unit: 01  
Material ID: 303981  
Material Code: 0020A  
Material Name: TRANSFORMER OIL  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 20  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 0425025  
DER Facility ID: 269944  
Facility Type: ER  
Site ID: 153179  
DEC Region: 1  
Spill Date: 4/20/2004  
Spill Number/Closed Date: 0425025 / 2/6/2006  
Spill Cause: Unknown  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
SWIS: 3022  
Investigator: BXDONOVA  
Referred To: Not reported  
Reported to Dept: 4/20/2004  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Institutional, Educational, Gov., Other  
Spill Notifier: Local Agency  
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: 4/20/2004  
Spill Record Last Update: 3/30/2010  
Spiller Name: MARGRET GIANOTTI  
Spiller Company: WEDGEWOOD CARE CENTER  
Spiller Address: 199 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, ZZ  
Spiller Company: 001  
Contact Name: MARGRET GIANOTTI  
Contact Phone: (516) 365-9229  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "BRIAN D"CONTAMINATED SOIL EXCAVATED AND PROPERLY DISPOSED, ISSUES WITH AST RECTIFIED. TANK TAKEN OUT OF SERVICE FACILITY SWITCHED TO GAS Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WEDGEWOOD CARE CENTER (Continued)**

**S100151486**

Remarks: CALLER NOTICED A PIPE COMING OUT OF THE RETAINING WALL. WALL IS STAINED BLACK AND THERE ARE SEVERAL 5 GALLON BUCKETS OF WHAT APPEARS TO BE FUEL OIL WITH NO LIDS. MARGRET GIANOTTI IS THE CALLERS CONTACT AT THE CARE CENTER. CALLER WOULD LIKE AN UPDATE AFTER DEC INSPECTION.

Material:  
 Site ID: 153179  
 Operable Unit ID: 890583  
 Operable Unit: 01  
 Material ID: 485149  
 Material Code: 0001A  
 Material Name: #2 Fuel Oil  
 Case No.: Not reported  
 Material FA: Petroleum  
 Quantity: 0  
 Units: Gallons  
 Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

**D34**  
**NNE**  
 < 1/8  
 0.095 mi.  
 504 ft.

**HIGHFIELD GARDENS CARE CENTER**  
**199 COMMUNITY DR**  
**MANHASSET, NY**

**AST U004153500**  
**N/A**

**Site 13 of 13 in cluster D**

**Relative:**  
**Lower**  
  
**Actual:**  
**38 ft.**

NCFM AST:  
 Contents: 30199301  
 Batt/Dept: 87  
 Location Id: 33373  
 Unit Type: DG  
 Vendor: Not reported  
 Installed Date: 08/27/2007  
 Last Test Date: Not reported  
 Status: Active

**E35**  
**NNE**  
 < 1/8  
 0.109 mi.  
 576 ft.

**WEDGEWOOD REHABILITATION CARE CENTER**  
**179 COMMUNITY DR**  
**GREAT NECK, NY**

**AST U004153499**  
**N/A**

**Site 1 of 11 in cluster E**

**Relative:**  
**Lower**  
  
**Actual:**  
**42 ft.**

NCFM AST:  
 Contents: 30199301  
 Batt/Dept: 87  
 Location Id: 102619  
 Unit Type: DG  
 Vendor: Not reported  
 Installed Date: 06/23/2004  
 Last Test Date: 06/23/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

WEDGEWOOD REHABILITATION CARE CENTER (Continued)

U004153499

Status: Active

E36  
NNE  
< 1/8  
0.109 mi.  
576 ft.

**NORTH SHORE MUSCULOSKELETAL INSTITUTE**  
**179 COMMUNITY DR**  
**GREAT NECK, NY 11021**

RCRA NonGen / NLR  
FINDS  
MANIFEST

1000555042  
NYD986975373

Site 2 of 11 in cluster E

Relative:  
Lower

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007

Facility name: NORTH SHORE MUSCULOSKELETAL INSTITUTE

Facility address: 179 COMMUNITY DR  
GREAT NECK, NY 11021

EPA ID: NYD986975373

Mailing address: COMMUNITY DR  
GREAT NECK, NY 11021

Contact: Not reported

Contact address: COMMUNITY DR  
GREAT NECK, NY 11021

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

Actual:  
42 ft.

Owner/Operator Summary:

Owner/operator name: NORTH SHORE MUSCULOSKELETAL INSTITUTE  
Owner/operator address: 179 COMMUNITY DR  
GREAT NECK, NY 11021

Owner/operator country: US

Owner/operator telephone: (516) 627-0303

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: NORTH SHORE MUSCULOSKELETAL INSTITUTE  
Owner/operator address: 179 COMMUNITY DR  
GREAT NECK, NY 11021

Owner/operator country: US

Owner/operator telephone: (516) 627-0303

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE MUSCULOSKELETAL INSTITUTE (Continued)**

**1000555042**

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  
Facility name: NORTH SHORE MUSCULOSKELETAL INSTITUTE  
Classification: Not a generator, verified

Date form received by agency: 02/20/1997  
Facility name: NORTH SHORE MUSCULOSKELETAL INSTITUTE  
Classification: Not a generator, verified

Date form received by agency: 09/15/1993  
Facility name: NORTH SHORE MUSCULOSKELETAL INSTITUTE  
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004478342

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: NYD986975373  
Country: USA  
Mailing Name: DOCTORS SILVERSTEIN & KRAUSS  
Mailing Contact: ALICE M. HINES  
Mailing Address: 179 COMMUNITY DRIVE  
Mailing Address 2: Not reported  
Mailing City: GREAT NECK  
Mailing State: NY  
Mailing Zip: 11021  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-627-0303

Document ID: NYB5831568  
Manifest Status: Completed copy  
Trans1 State ID: GE9561  
Trans2 State ID: Not reported  
Generator Ship Date: 920205  
Trans1 Recv Date: 920205  
Trans2 Recv Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE MUSCULOSKELETAL INSTITUTE (Continued)**

**1000555042**

TSD Site Recv Date: 920205  
Part A Recv Date: 920218  
Part B Recv Date: 920220  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 92

Document ID: NYB4201074  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 921123  
Trans1 Recv Date: 921123  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 921123  
Part A Recv Date: 921204  
Part B Recv Date: 921210  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 92

Document ID: NYB6591735  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 950512  
Trans1 Recv Date: 950512  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950512  
Part A Recv Date: 950522  
Part B Recv Date: 950713  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE MUSCULOSKELETAL INSTITUTE (Continued)**

**1000555042**

Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 95

Document ID: NYB7943373  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 950802  
Trans1 Recv Date: 950802  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950802  
Part A Recv Date: 950809  
Part B Recv Date: 950824  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSDF ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 95

Document ID: NYB7942815  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 950725  
Trans1 Recv Date: 950725  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950725  
Part A Recv Date: 950801  
Part B Recv Date: 950810  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSDF ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 95

Document ID: NYB7905222

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE MUSCULOSKELETAL INSTITUTE (Continued)**

**1000555042**

Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 950615  
Trans1 Recv Date: 950615  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950615  
Part A Recv Date: 950623  
Part B Recv Date: 950630  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 95

Document ID: NYB7793478  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 950918  
Trans1 Recv Date: 950918  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950918  
Part A Recv Date: 950925  
Part B Recv Date: 951012  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00060  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 95

Document ID: NYB7903332  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 950530  
Trans1 Recv Date: 950530  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950530  
Part A Recv Date: 950606  
Part B Recv Date: 950616



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE MUSCULOSKELETAL INSTITUTE (Continued)**

**1000555042**

Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00060  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 002  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 95

Document ID: NYB2228022  
Manifest Status: Completed after the designated time period for a TSD to get a copy to the DEC  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 920904  
Trans1 Recv Date: 920904  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920904  
Part A Recv Date: Not reported  
Part B Recv Date: 920929  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 92

Document ID: NYB5593977  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 920720  
Trans1 Recv Date: 920720  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920720  
Part A Recv Date: Not reported  
Part B Recv Date: 920804  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE MUSCULOSKELETAL INSTITUTE (Continued)**

**1000555042**

Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 92

Document ID: NYB5594508  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 920810  
Trans1 Recv Date: 920810  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920810  
Part A Recv Date: Not reported  
Part B Recv Date: 920824  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 92

Document ID: NYB6747093  
Manifest Status: Completed copy  
Trans1 State ID: GE9561  
Trans2 State ID: Not reported  
Generator Ship Date: 950103  
Trans1 Recv Date: 950103  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950103  
Part A Recv Date: 950111  
Part B Recv Date: 950125  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 95

Document ID: NYB6746643  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE MUSCULOSKELETAL INSTITUTE (Continued)**

**1000555042**

Generator Ship Date: 950110  
Trans1 Recv Date: 950110  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950110  
Part A Recv Date: 950123  
Part B Recv Date: 950201  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 95

Document ID: NYB7940043  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 950626  
Trans1 Recv Date: 950626  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950626  
Part A Recv Date: 950706  
Part B Recv Date: 950713  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 95

Document ID: NYB6825051  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 950303  
Trans1 Recv Date: 950303  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950303  
Part A Recv Date: 950313  
Part B Recv Date: 950322  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE MUSCULOSKELETAL INSTITUTE (Continued)**

**1000555042**

TSDF ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 95

Document ID: NYB6936966  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 950421  
Trans1 Recv Date: 950421  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950421  
Part A Recv Date: 950501  
Part B Recv Date: 950509  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSDF ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 95

Document ID: NYB5380371  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 930323  
Trans1 Recv Date: 930323  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 930323  
Part A Recv Date: 930401  
Part B Recv Date: 930407  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSDF ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 93

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE MUSCULOSKELETAL INSTITUTE (Continued)**

**1000555042**

Document ID: NYB4047273  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 921015  
Trans1 Recv Date: 921015  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 921015  
Part A Recv Date: 921029  
Part B Recv Date: 921030  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 92

Document ID: NYB5799402  
Manifest Status: Completed copy  
Trans1 State ID: XC2643  
Trans2 State ID: Not reported  
Generator Ship Date: 920923  
Trans1 Recv Date: 920923  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920923  
Part A Recv Date: Not reported  
Part B Recv Date: 921005  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 92

Document ID: NYB5381703  
Manifest Status: Completed copy  
Trans1 State ID: GE9561  
Trans2 State ID: Not reported  
Generator Ship Date: 930409  
Trans1 Recv Date: 930409  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 930409  
Part A Recv Date: 930416

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE MUSCULOSKELETAL INSTITUTE (Continued)**

**1000555042**

Part B Recv Date: 930421  
Generator EPA ID: NYD986975373  
Trans1 EPA ID: NYD981182769  
Trans2 EPA ID: Not reported  
TSD ID: NYD981182769  
Waste Code: D011 - SILVER 5.0 MG/L TCLP  
Quantity: 00030  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 93

[Click this hyperlink](#) while viewing on your computer to access  
155 additional NY\_MANIFEST: record(s) in the EDR Site Report.

37  
NW  
< 1/8  
0.112 mi.  
590 ft.

**891 NORTHERN BLVD  
GREAT NECK, NY 11021**

**EDR US Hist Cleaners 1015103375  
N/A**

**Relative:  
Higher  
Actual:  
113 ft.**

EDR Historical Cleaners:  
Name: SUPERCLEAN LAUNDROMAT INC  
Year: 2003  
Address: 891 NORTHERN BLVD  
  
Name: SUPERCLEAN LAUNDROMAT INC  
Year: 2004  
Address: 891 NORTHERN BLVD  
  
Name: SUPERCLEAN LAUNDROMAT INC  
Year: 2006  
Address: 891 NORTHERN BLVD

F38  
SE  
< 1/8  
0.116 mi.  
613 ft.

**NORTH SHORE UNIVERSITY HO  
350 COMMUNITY DRIVE  
MANHASSET, NY**

**LTANKS S104877263  
HIST LTANKS N/A  
MANIFEST  
NY Spills**

**Site 1 of 4 in cluster F**

**Relative:  
Lower  
Actual:  
42 ft.**

LTANKS:  
Site ID: 275322  
Spill Number/Closed Date: 9800971 / 4/19/2007  
Spill Date: 4/22/1998  
Spill Cause: Tank Test 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: 3022  
Investigator: T/T/F  
Referred To: Not reported  
Reported to Dept: 4/22/1998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

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: 4/22/1998  
Spill Record Last Update: 1/13/2010  
Spiller Name: FRANTZ BALMIR  
Spiller Company: NORTH SHORE UNIVERSITY HOSPITAL  
Spiller Address: 350 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spiller County: 001  
Spiller Contact: FRANTZ  
Spiller Phone: (516) 562-1029  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 329693  
DEC Memo: BIO MEDICAL RESEARCH BLDG  
Remarks: FOUND BROKEN GAUGE ON TOP OF TANK-TANK NEEDS TO BE UNCOVERED FORREPAIR. CONTAMINATED SOIL WILL BE CLEANED UP.

**Material:**

Site ID: 275322  
Operable Unit ID: 1058451  
Operable Unit: 01  
Material ID: 322915  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 275322  
Spill Tank Test: 1545804  
Tank Number: 0000000000  
Tank Size: 15000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

**HIST LTANKS:**

Region of Spill: 1  
Spill Number/Closed Date: 0009581 / 11/21/00  
Spill Date: 11/21/2000  
Spill Time: 10:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Tank Truck  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Investigator: NONE  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 11/21/00  
Reported to Department Time: 10:51  
SWIS: 28  
Spiller Contact: JOE VENDOR  
Spiller Phone: (516) 562-1029  
Spiller Extention: Not reported  
Spiller Name: M&B TRUCKING  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: ( ) -  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 11/21/00  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 11/22/00  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 2  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Last Date: 19941207  
DEC Remarks: TELECON GABE RICCI AT MB, FILLING TANK IN PREPARATION FOR TANK TEST AND OIL  
SPILLED OUT OF TOP, CLEANED UP, NO RESPONSE  
Spill Cause: tank failed leaking oil is in the process of being cleaned

NY MANIFEST:

EPA ID: NYD982795551  
Country: USA  
Mailing Name: FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH THE  
Mailing Contact: RYAN MC FADDEN  
Mailing Address: 350 COMMUNITY DR  
Mailing Address 2: Not reported  
Mailing City: MANHASSET  
Mailing State: NY  
Mailing Zip: 11030  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-582-1050

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23  
Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 10.0  
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: 2011  
Manifest Tracking Num: 003494467FLE  
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: H040

Document ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-07-06  
Trans1 Recv Date: 2011-07-06  
Trans2 Recv Date: 2011-07-11  
TSD Site Recv Date: 2011-07-19  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 200.0  
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: 2011  
Manifest Tracking Num: 004402347FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-07-06  
Trans1 Recv Date: 2011-07-06  
Trans2 Recv Date: 2011-07-11  
TSD Site Recv Date: 2011-07-19  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 100.0  
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: 2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Manifest Tracking Num: 004402347FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-07-06  
Trans1 Recv Date: 2011-07-06  
Trans2 Recv Date: 2011-07-11  
TSD Site Recv Date: 2011-07-19  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: ARD069748192  
Waste Code: Not reported  
Quantity: 100.0  
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: 2011  
Manifest Tracking Num: 004402347FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-07-06  
Trans1 Recv Date: 2011-07-06  
Trans2 Recv Date: 2011-07-11

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

TSD Site Recv Date: 2011-07-19  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
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: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 004402347FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-11-21  
Trans1 Recv Date: 2011-11-21  
Trans2 Recv Date: 2011-11-28  
TSD Site Recv Date: 2011-11-30  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 400.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 004864055FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-02-25  
Trans1 Recv Date: 2011-02-25  
Trans2 Recv Date: 2011-03-02  
TSD Site Recv Date: 2011-03-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD000816629  
Waste Code: Not reported  
Quantity: 10.0  
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: 2011  
Manifest Tracking Num: 003495385FLE  
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: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-02-25  
Trans1 Recv Date: 2011-02-25  
Trans2 Recv Date: 2011-03-02  
TSD Site Recv Date: 2011-03-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

TSDF ID: OHD000816629  
Waste Code: Not reported  
Quantity: 300.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 003495385FLE  
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: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-05-09  
Trans1 Recv Date: 2011-05-09  
Trans2 Recv Date: 2011-05-13  
TSD Site Recv Date: 2011-05-24  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: ARD069748192  
Waste Code: Not reported  
Quantity: 200.0  
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: 2011  
Manifest Tracking Num: 003401533FLE  
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: H040

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23  
Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 5.0  
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: 2011  
Manifest Tracking Num: 003494467FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23  
Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 200.0  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Year: 2011  
Manifest Tracking Num: 003494467FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23  
Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 15.0  
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: 2011  
Manifest Tracking Num: 003494467FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 5.0  
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: 2011  
Manifest Tracking Num: 003494467FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23  
Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 15.0  
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: 003494467FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

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: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23  
Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 2.0  
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: 2011  
Manifest Tracking Num: 003494467FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-01-30  
Trans1 Recv Date: 2012-01-30  
Trans2 Recv Date: 2012-02-03  
TSD Site Recv Date: 2012-02-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Trans2 EPA ID: Not reported  
TSDF ID: ARD069748192  
Waste Code: Not reported  
Quantity: 70.0  
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: 2012  
Manifest Tracking Num: 004751543FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-01-30  
Trans1 Recv Date: 2012-01-30  
Trans2 Recv Date: 2012-02-03  
TSD Site Recv Date: 2012-02-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSDF ID: ARD069748192  
Waste Code: Not reported  
Quantity: 150.0  
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: 2012  
Manifest Tracking Num: 004751543FLE  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Mgmt Method Type Code: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: NYD982792814  
Generator Ship Date: 2012-03-19  
Trans1 Recv Date: 2012-03-19  
Trans2 Recv Date: 2012-03-23  
TSD Site Recv Date: 2012-03-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 100.0  
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: 2012  
Manifest Tracking Num: 005212853FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: NYD982792814  
Generator Ship Date: 2012-03-19  
Trans1 Recv Date: 2012-03-19  
Trans2 Recv Date: 2012-03-23  
TSD Site Recv Date: 2012-03-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 5.0  
Units: P - Pounds  
Number of Containers: 1.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 005212853FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: NYD982792814  
Generator Ship Date: 2012-03-19  
Trans1 Recv Date: 2012-03-19  
Trans2 Recv Date: 2012-03-23  
TSD Site Recv Date: 2012-03-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 200.0  
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: 2012  
Manifest Tracking Num: 005212853FLE  
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: H040

[Click this hyperlink](#) while viewing on your computer to access  
52 additional NY\_MANIFEST: record(s) in the EDR Site Report.

EPA ID: NYD910914720

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Country: USA  
Mailing Name: ONCOGENE SCIENCE  
Mailing Contact: ONCOGENE SCIENCE  
Mailing Address: 350 COMMUNITY DRIVE  
Mailing Address 2: Not reported  
Mailing City: MANHASSET  
Mailing State: NY  
Mailing Zip: 11030  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-365-9300

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23  
Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 10.0  
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: 2011  
Manifest Tracking Num: 003494467FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-07-06  
Trans1 Recv Date: 2011-07-06  
Trans2 Recv Date: 2011-07-11  
TSD Site Recv Date: 2011-07-19

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 200.0  
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: 2011  
Manifest Tracking Num: 004402347FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-07-06  
Trans1 Recv Date: 2011-07-06  
Trans2 Recv Date: 2011-07-11  
TSD Site Recv Date: 2011-07-19  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 100.0  
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: 2011  
Manifest Tracking Num: 004402347FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N  
Discr Residue Ind: N  
Discr Partial Reject Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-07-06  
Trans1 Recv Date: 2011-07-06  
Trans2 Recv Date: 2011-07-11  
TSD Site Recv Date: 2011-07-19  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 100.0  
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: 2011  
Manifest Tracking Num: 004402347FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-07-06  
Trans1 Recv Date: 2011-07-06  
Trans2 Recv Date: 2011-07-11  
TSD Site Recv Date: 2011-07-19  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

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: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 004402347FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-11-21  
Trans1 Recv Date: 2011-11-21  
Trans2 Recv Date: 2011-11-28  
TSD Site Recv Date: 2011-11-30  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 400.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 004864055FLE  
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: H040

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-02-25  
Trans1 Recv Date: 2011-02-25  
Trans2 Recv Date: 2011-03-02  
TSD Site Recv Date: 2011-03-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD000816629  
Waste Code: Not reported  
Quantity: 10.0  
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: 2011  
Manifest Tracking Num: 003495385FLE  
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: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-02-25  
Trans1 Recv Date: 2011-02-25  
Trans2 Recv Date: 2011-03-02  
TSD Site Recv Date: 2011-03-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: OHD000816629  
Waste Code: Not reported  
Quantity: 300.0  
Units: P - Pounds  
Number of Containers: 2.0  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Year: 2011  
Manifest Tracking Num: 003495385FLE  
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: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-05-09  
Trans1 Recv Date: 2011-05-09  
Trans2 Recv Date: 2011-05-13  
TSD Site Recv Date: 2011-05-24  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 200.0  
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: 2011  
Manifest Tracking Num: 003401533FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 5.0  
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: 2011  
Manifest Tracking Num: 003494467FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23  
Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 200.0  
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: 2011  
Manifest Tracking Num: 003494467FLE  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23  
Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 15.0  
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: 2011  
Manifest Tracking Num: 003494467FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23  
Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Trans2 EPA ID:	Not reported
TSDF ID:	ARD069748192
Waste Code:	Not reported
Quantity:	5.0
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:	2011
Manifest Tracking Num:	003494467FLE
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:	H040
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD039322250
Trans2 State ID:	MAD039322250
Generator Ship Date:	2011-09-23
Trans1 Recv Date:	2011-09-23
Trans2 Recv Date:	2011-09-28
TSD Site Recv Date:	2011-10-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982795551
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	ARD069748192
Waste Code:	Not reported
Quantity:	15.0
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:	003494467FLE
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Mgmt Method Type Code: H141

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2011-09-23  
Trans1 Recv Date: 2011-09-23  
Trans2 Recv Date: 2011-09-28  
TSD Site Recv Date: 2011-10-05  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 2.0  
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: 2011  
Manifest Tracking Num: 003494467FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-01-30  
Trans1 Recv Date: 2012-01-30  
Trans2 Recv Date: 2012-02-03  
TSD Site Recv Date: 2012-02-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 70.0  
Units: P - Pounds  
Number of Containers: 1.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2012  
Manifest Tracking Num: 004751543FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: MAD039322250  
Generator Ship Date: 2012-01-30  
Trans1 Recv Date: 2012-01-30  
Trans2 Recv Date: 2012-02-03  
TSD Site Recv Date: 2012-02-10  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 150.0  
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: 2012  
Manifest Tracking Num: 004751543FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Trans2 State ID: NYD982792814  
Generator Ship Date: 2012-03-19  
Trans1 Recv Date: 2012-03-19  
Trans2 Recv Date: 2012-03-23  
TSD Site Recv Date: 2012-03-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 100.0  
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: 2012  
Manifest Tracking Num: 005212853FLE  
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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: NYD982792814  
Generator Ship Date: 2012-03-19  
Trans1 Recv Date: 2012-03-19  
Trans2 Recv Date: 2012-03-23  
TSD Site Recv Date: 2012-03-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 5.0  
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: 2012  
Manifest Tracking Num: 005212853FLE  
Import Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

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: H040

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: MAD039322250  
Trans2 State ID: NYD982792814  
Generator Ship Date: 2012-03-19  
Trans1 Recv Date: 2012-03-19  
Trans2 Recv Date: 2012-03-23  
TSD Site Recv Date: 2012-03-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD982795551  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: ARD069748192  
Waste Code: Not reported  
Quantity: 200.0  
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: 2012  
Manifest Tracking Num: 005212853FLE  
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: H040

[Click this hyperlink](#) while viewing on your computer to access  
52 additional NY\_MANIFEST: record(s) in the EDR Site Report.

**SPILLS:**

Facility ID: 0009581  
DER Facility ID: 223863  
Facility Type: ER  
Site ID: 275321  
DEC Region: 1  
Spill Date: 11/21/2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE UNIVERSITY HO (Continued)**

**S104877263**

Spill Number/Closed Date: 0009581 / 11/21/2000  
Spill Cause: Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 3022  
Investigator: UNASSIGNED  
Referred To: Not reported  
Reported to Dept: 11/21/2000  
CID: 397  
Water Affected: Not reported  
Spill Source: Tank Truck  
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: 11/21/2000  
Spill Record Last Update: 12/6/2010  
Spiller Name: Not reported  
Spiller Company: M&B TRUCKING  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Contact Name: JOE VENDOR  
Contact Phone: (516) 562-1029  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "NONE" TELECON GABE RICCI AT MB, FILLING TANK IN PREPARATION FOR TANK TEST AND OIL SPILLED OUT OF TOP, CLEANED UP, NO RESPONSE  
Remarks: tank failed leaking oil is in the process of being cleaned  
Material:  
Site ID: 275321  
Operable Unit ID: 831862  
Operable Unit: 01  
Material ID: 543520  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 2  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

F39  
SE  
< 1/8  
0.116 mi.  
613 ft.

**FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH THE  
350 COMMUNITY DR  
MANHASSET, NY 11030**

**RCRA-CESQG 1000332484  
NYD982795551**

**Site 2 of 4 in cluster F**

**Relative:  
Lower**

RCRA-CESQG:

Date form received by agency: 08/18/2010

Facility name: FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH THE

Facility address: 350 COMMUNITY DR  
MANHASSET, NY 11030

EPA ID: NYD982795551

Mailing address: COMMUNITY DR  
MANHASSET, NY 11030

Contact: KATHLEEN MCGILL

Contact address: COMMUNITY DR  
MANHASSET, NY 11030

Contact country: US

Contact telephone: (516) 562-1093

Contact email: KMCGILL@NSHS.EDU

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: NORTH SHORE-LIJ HEALTH SYSTEM

Owner/operator address: COMMUNITY DR  
GREAT NECK, NY 11020

Owner/operator country: US

Owner/operator telephone: 5164658000

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 12/01/1983

Owner/Op end date: Not reported

Owner/operator name: FEINSTEIN INSTITUTE MEDICAL RESEARCH

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: 09/09/2005

Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH THE (Continued)**

**1000332484**

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: 01/01/2007

Facility name: FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH THE  
Site name: ONCOGENE SCIENCE INC  
Classification: Not a generator, verified

Date form received by agency: 01/01/2006

Facility name: FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH THE  
Site name: ONCOGENE SCIENCE INC  
Classification: Not a generator, verified

Date form received by agency: 04/13/1995

Facility name: FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH THE  
Site name: ONCOGENE SCIENCE INC  
Classification: Not a generator, verified

Date form received by agency: 09/14/1989

Facility name: FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH THE  
Site name: ONCOGENE SCIENCE INC  
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH THE (Continued)**

**1000332484**

Waste code: D003  
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D004  
Waste name: ARSENIC

Waste code: D007  
Waste name: CHROMIUM

Waste code: D008  
Waste name: LEAD

Waste code: D009  
Waste name: MERCURY

Waste code: D011  
Waste name: SILVER

Waste code: D022  
Waste name: CHLOROFORM

Waste code: D028  
Waste name: 1,2-DICHLOROETHANE

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P075  
Waste name: NICOTINE, & SALTS

Waste code: P112  
Waste name: METHANE, TETRANITRO- (R)

Waste code: U007  
Waste name: ACRYLAMIDE

Waste code: U031  
Waste name: 1-BUTANOL (I)

Waste code: U044  
Waste name: CHLOROFORM

Waste code: U151  
Waste name: MERCURY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH THE (Continued)**

**1000332484**

Waste code: U188  
Waste name: PHENOL  
  
Waste code: U246  
Waste name: CYANOGEN BROMIDE (CN)BR  
  
Violation Status: No violations found

**F40  
SE  
< 1/8  
0.116 mi.  
613 ft.**

**NO SHORE UNIVERSITY HOSP  
350 COMMUNITY DRIVE  
MANHASSET, NY**

**HIST LTANKS S103238318  
N/A**

**Site 3 of 4 in cluster F**

**Relative:  
Lower**

HIST LTANKS:

**Actual:  
42 ft.**

Region of Spill: 1  
Spill Number/Closed Date: 9800971 / Not Closed  
Spill Date: 04/22/1998  
Spill Time: 13:00  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: T/T/F  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 04/22/98  
Reported to Department Time: 13:16  
SWIS: 28  
Spiller Contact: FRANTZ  
Spiller Phone: (516) 562-1029  
Spiller Extention: Not reported  
Spiller Name: NO SHORE UNIVERSITY HOSP  
Spiller Address: 350 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spiller Cleanup Date: / /  
Facility Contact: FRANTZ  
Facility Phone: (516) 562-1029  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: 0-000000  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 04/22/98

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO SHORE UNIVERSITY HOSP (Continued)**

**S103238318**

Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 05/14/98  
Is Updated: False

**Tank:**

PBS Number: Not reported  
Tank Number: 00000000000  
Tank Size: 15000  
Test Method: Horner EZ Check  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: True  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: FOUND BROKEN GAUGE ON TOP OF TANK-TANK NEEDS TO BE UNCOVERED FOR REPAIR.  
CONTAMINATED SOIL WILL BE CLEANED UP.

**E41**  
**NNE**  
**< 1/8**  
**0.123 mi.**  
**651 ft.**

**IMUNO SCIENCES**  
**160 COMMUNITY DR**  
**LAKE SUCCESS, NY 11040**

**RCRA NonGen / NLR** **1000318004**  
**FINDS** **NYD986886364**

**Site 3 of 11 in cluster E**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

**Actual:**  
**45 ft.**

Date form received by agency: 01/01/2007  
Facility name: IMUNO SCIENCES  
Facility address: 160 COMMUNITY DR  
LAKE SUCCESS, NY 11040  
EPA ID: NYD986886364  
Mailing address: FIFTH AVE  
NEW YORK, NY 10016  
Contact: Not reported  
Contact address: FIFTH AVE  
NEW YORK, NY 10016  
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: PANEL REALTY CO  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**IMUNO SCIENCES (Continued)**

**1000318004**

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: PANEL REALTY CO  
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  
Facility name: IMUNO SCIENCES  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Facility name: IMUNO SCIENCES  
Classification: Not a generator, verified

Date form received by agency: 12/20/1989  
Facility name: IMUNO SCIENCES  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004440383

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**IMUNO SCIENCES (Continued)**

**1000318004**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**E42**  
**NNE**  
**1/8-1/4**  
**0.127 mi.**  
**671 ft.**

**BIO-SCIENCE LABORATORIES**  
**150 COMMUNITY DR**  
**GREAT NECK, NY 11022**  
**Site 4 of 11 in cluster E**

**RCRA NonGen / NLR** **1000139607**  
**FINDS** **NYD094819604**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

**Actual:**  
**45 ft.**

Date form received by agency: 01/01/2007  
 Facility name: BIO-SCIENCE LABORATORIES  
 Facility address: 150 COMMUNITY DR  
 GREAT NECK, NY 11022  
 EPA ID: NYD094819604  
 Mailing address: COMMUNITY DR  
 GREAT NECK, NY 11022  
 Contact: EDWARD MAJESKI  
 Contact address: COMMUNITY DR  
 GREAT NECK, NY 11022  
 Contact country: US  
 Contact telephone: (516) 829-8000  
 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: BIO-SCIENCES ENTERPRISES  
 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

Owner/operator name: BIO-SCIENCES ENTERPRISES  
 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

**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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIO-SCIENCE LABORATORIES (Continued)**

**1000139607**

Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used 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  
Facility name: BIO-SCIENCE LABORATORIES  
Classification: Not a generator, verified

Date form received by agency: 08/18/1980  
Facility name: BIO-SCIENCE LABORATORIES  
Classification: Unverified

Violation Status: No violations found

FINDS:

Registry ID: 110004375355

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.

F43  
SE  
1/8-1/4  
0.136 mi.  
717 ft.

**MANHASSET LAKEVILLE FIRE CO #2  
COMMUNITY DR E  
MANHASSET, NY 11030**  
**Site 4 of 4 in cluster F**

**RCRA NonGen / NLR 1000239952  
FINDS NYD982178667**

Relative:  
Lower

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007  
Facility name: MANHASSET LAKEVILLE FIRE CO #2  
Facility address: COMMUNITY DR E  
MANHASSET, NY 11030  
EPA ID: NYD982178667  
Mailing address: E SHORE RD  
MANHASSET, NY 11030  
Contact: Not reported  
Contact address: E SHORE RD  
MANHASSET, NY 11030  
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

Actual:  
38 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANHASSET LAKEVILLE FIRE CO #2 (Continued)**

**1000239952**

Owner/Operator Summary:

Owner/operator name: MANHASSET-LAKEVILLE  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: District  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: MANHASSET-LAKEVILLE  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, WY 99999  
Owner/operator country: US  
Owner/operator telephone: (212) 555-1212  
Legal status: District  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: MANHASSET LAKEVILLE FIRE CO #2  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Facility name: MANHASSET LAKEVILLE FIRE CO #2  
Classification: Not a generator, verified

Date form received by agency: 03/09/1987  
Facility name: MANHASSET LAKEVILLE FIRE CO #2  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008024388

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MANHASSET LAKEVILLE FIRE CO #2 (Continued)**

**1000239952**

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.

**44**  
**ESE**  
**1/8-1/4**  
**0.153 mi.**  
**807 ft.**

**M&B TRUCKING**  
**NORTH SHORE UNIV HOSP**  
**MANHASSET, NY**

**LTANKS** **S102668133**  
**HIST LTANKS** **N/A**

**Relative:**  
**Lower**

**LTANKS:**

**Actual:**  
**48 ft.**

Site ID: 89427  
 Spill Number/Closed Date: 8606165 / 1/30/1987  
 Spill Date: 1/2/1987  
 Spill Cause: Tank Overfill  
 Spill Source: Commercial/Industrial  
 Spill Class: Not reported  
 Cleanup Ceased: 1/30/1987  
 Cleanup Meets Standard: True  
 SWIS: 3022  
 Investigator: NJACAMPO  
 Referred To: Not reported  
 Reported to Dept: 1/2/1987  
 CID: Not reported  
 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: 1/8/1987  
 Spill Record Last Update: 2/6/2007  
 Spiller Name: Not reported  
 Spiller Company: M&B TRUCKING  
 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: 1  
 DER Facility ID: 81675  
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ACAMPORA FD" // : RGM HIRED TO CLEANUP BY SPILLER.FILE HAS BEEN DESTROYED ACCORDING TO STATE ARCHIVE AND RECORD ADMINISTRATOR RETENTION/DISPOSAL PROCEDURES  
 Remarks: OIL IN WRONG TANK

**Material:**

Site ID: 89427  
 Operable Unit ID: 903512  
 Operable Unit: 01

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**M&B TRUCKING (Continued)**

**S102668133**

Material ID: 475301  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 30  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**HIST LTANKS:**

Region of Spill: 1  
Spill Number/Closed Date: 8606165 / 01/30/87  
Spill Date: 01/02/1987  
Spill Time: 08:00  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 01/30/87  
Cleanup Meets Standard: True  
Investigator: ACAMPORA FD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 01/02/87  
Reported to Department Time: 08:26  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: M&B TRUCKING  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (212) 328-3275  
Facility Extention: Not reported  
Spill Notifier: Affected Persons  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**M&B TRUCKING (Continued)**

**S102668133**

Corrective Action Plan Submitted: //  
Date Spill Entered In Computer Data File: 01/08/87  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 02/18/99  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 30  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205  
DEC Remarks: // : RGM HIRED TO CLEANUP. // : RGM HIRED TO CLEANUP BY SPILLER.  
Spill Cause: OIL IN WRONG TANK

**E45**  
**North**  
**1/8-1/4**  
**0.158 mi.**  
**833 ft.**

**BARCLAYS BANK**  
**100 COMMUNITY DR**  
**LAKE SUCCESS, NY 11042**

**RCRA NonGen / NLR** **1004760273**  
**FINDS** **NYR000038380**

**Site 5 of 11 in cluster E**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007  
Facility name: BARCLAYS BANK  
Facility address: 100 COMMUNITY DR  
LAKE SUCCESS, NY 11042

**Actual:**  
**42 ft.**

EPA ID: NYR000038380  
Mailing address: GERARD ST  
HUNTINGTON, NY 11743

Contact: DEAN ANSON  
Contact address: GERARD ST  
HUNTINGTON, NY 11743

Contact country: US  
Contact telephone: (516) 351-3555  
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: BARCLAYS BANK  
Owner/operator address: 12 W 45TH ST  
NEW YORK, NY 10017

Owner/operator country: US  
Owner/operator telephone: (212) 412-3888

Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARCLAYS BANK (Continued)**

**1004760273**

Owner/operator name: BARCLAYS BANK  
Owner/operator address: 12 W 45TH ST  
NEW YORK, NY 10017  
Owner/operator country: US  
Owner/operator telephone: (212) 412-3888  
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  
Facility name: BARCLAYS BANK  
Classification: Not a generator, verified  
  
Date form received by agency: 04/25/1997  
Facility name: BARCLAYS BANK  
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004534022

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.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**E46**  
**North**  
**1/8-1/4**  
**0.158 mi.**  
**835 ft.**

**PANEL REALTY**  
**100 COMMUNITY DRIVE**  
**GREAT NECK, NY**

**LTANKS** **S100152012**  
**HIST LTANKS** **N/A**

**Site 6 of 11 in cluster E**

**Relative:**  
**Lower**

LTANKS:

**Actual:**  
**42 ft.**

Site ID: 256605  
Spill Number/Closed Date: 9101295 / 9/13/1991  
Spill Date: 5/1/1991  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 9/13/1991  
Cleanup Meets Standard: True  
SWIS: 3000  
Investigator: KMYAGER  
Referred To: Not reported  
Reported to Dept: 5/1/1991  
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: 5/2/1991  
Spill Record Last Update: 9/17/1991  
Spiller Name: Not reported  
Spiller Company: PANEL REALTY  
Spiller Address: 417 5TH AVE 3R FLOOR  
Spiller City,St,Zip: NY, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 283796  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "DEROSA"09/13/91: PASSED TANK ALONE 8/8/91,PASSED SYSTEM RETEST.  
10K FAILED AT -.111. HORNER EZ CHECK. F&N TESTER.  
Remarks:

Material:

Site ID: 256605  
Operable Unit ID: 952539  
Operable Unit: 01  
Material ID: 427416  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PANEL REALTY (Continued)**

**S100152012**

Site ID: 256605  
Spill Tank Test: 1538518  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

**HIST LTANKS:**

Region of Spill: 1  
Spill Number/Closed Date: 9101295 / 09/13/91  
Spill Date: 05/01/1991  
Spill Time: 14:55  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 09/13/91  
Cleanup Meets Standard: True  
Investigator: DEROSA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 05/01/91  
Reported to Department Time: 15:15  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: PANEL REALTY  
Spiller Address: 417 5TH AVE 3R FLOOR  
Spiller City,St,Zip: NY, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (212) 545-1111  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 05/02/91  
Time Spill Entered In Computer Data File: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PANEL REALTY (Continued)**

**S100152012**

Spill Record Last Update: 09/17/91  
Is Updated: False

**Tank:**

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 09/13/91: PASSED TANK ALONE 8/8/91,PASSED SYSTEM RETEST.  
Spill Cause: 10K FAILED AT -.111. HORNER EZ CHECK. F N TESTER.

**E47**  
**North**  
**1/8-1/4**  
**0.158 mi.**  
**835 ft.**

**NCPD 6TH PREC**  
**100 COMMUNITY DRIVE**  
**MANHASSET, NY**

**HIST LTANKS** **S100173140**  
**NY Hist Spills** **N/A**

**Site 7 of 11 in cluster E**

**Relative:**  
**Lower**

**HIST LTANKS:**

Region of Spill: 1  
Spill Number/Closed Date: 8906883 / 10/07/92  
Spill Date: 10/11/1989  
Spill Time: 23:00  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 10/07/92  
Cleanup Meets Standard: True  
Investigator: T/T/F  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 10/12/89  
Reported to Department Time: 16:30  
SWIS: 28  
Spiller Contact: Not reported

**Actual:**  
**42 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NCPD 6TH PREC (Continued)**

**S100173140**

Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: NCDPW  
Spiller Address: 425 SALISBURY PARK DRIVE  
Spiller City,St,Zip: WESTBURY, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 997-8282  
Facility Extention: Not reported  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 10/17/89  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 10/08/92  
Is Updated: False

**Tank:**

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 10/07/92: TANK PASSED TANK ALONE TEST SYSTEM TEST.  
Spill Cause: 3K FAILED AT -.067 GPH. SYSTEM PETROTITE FAILURE. THEY THINK LEAK IS FROM BAD FILL PIPE. WILL REPAIR AND RETEST NEXT WEEK

**NY Hist Spills:**

Region of Spill: 1  
Spill Number/Closed Date: 9700323 / 11/14/97  
Investigator: DECANDIA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NCPD 6TH PREC (Continued)**

**S100173140**

Spill Date/Time: 04/07/1997 09:30  
Reported to Dept Date/Time: 04/07/97 10:21  
SWIS: 28  
Spiller Name: NCPD 6TH PREC  
Spiller Contact: BOB VEINE  
Spiller Phone: (516) 573-6600  
Spiller Contact: BOB VEINE  
Spiller Phone: (516) 573-6600  
Spiller Address: 100 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spill Cause: Unknown  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 04/07/97  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 11/17/97  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: TANK IS SURROUNDED BY WATER, WATER IS TO BE RUN THROUGHT TREATMENT AS PER SPEDES PERMIT. TANK WON T BE PULLED TILL 4/11/97 296.63 TONS OF SOIL EXCAVATED 12,381 GALLONS OF WATER PUMPED NOT ABEL TO LOCATE WATER FOR WELL INSTALLATION. MOST CONTAMINATION HAS BEEN REMOVED  
Remark: CALLER DIGGING UP A 10,000 GAL TANK AND NOTICED SOIL CONTAMINATION UNK IF TANK FAILURE OR FROM OVERFILLS. AWAITING A VAC TRUCK TO PUMP OUT LINER THEN GO FROM THERE.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**E48**      **NC PD SIXTH PRECINCT GARAGE**  
**North**    **100 COMMUNITY DR**  
**1/8-1/4**   **MANHASSET, NY**  
**0.158 mi.**  
**835 ft.**    **Site 8 of 11 in cluster E**

**UST**    **U003847438**  
**N/A**

**Relative:**      NCFM UST:  
**Lower**            Batt/Dept:            87  
                          Location Id:            15385  
**Actual:**            Unit Type:            HB  
**42 ft.**                Vendor:                UNBRANDED  
                          Installed Date:        01/01/1970  
                          Last Test Date:       03/01/1993  
                          Status:                Removed  
                          Tank Contents:        10000000

                         Batt/Dept:            87  
                          Location Id:            15385  
                          Unit Type:            HC  
                          Vendor:                UNBRANDED  
                          Installed Date:        09/17/1980  
                          Last Test Date:       05/02/1991  
                          Status:                Removed  
                          Tank Contents:        30120303

                         Batt/Dept:            87  
                          Location Id:            15385  
                          Unit Type:            HF  
                          Vendor:                Not reported  
                          Installed Date:        04/25/1997  
                          Last Test Date:       04/30/1997  
                          Status:                Active  
                          Tank Contents:        30120300

                         Batt/Dept:            87  
                          Location Id:            15385  
                          Unit Type:            HF  
                          Vendor:                UNBRANDED  
                          Installed Date:        04/11/1995  
                          Last Test Date:       07/25/2006  
                          Status:                Active  
                          Tank Contents:        30199301

**E49**      **NS/LIJ DIALYSIS CENTER - COMMUNITY SER**  
**North**    **100-150 COMMUNITY DR**  
**1/8-1/4**   **LAKE SUCCESS, NY**  
**0.158 mi.**  
**835 ft.**    **Site 9 of 11 in cluster E**

**UST**    **U003847502**  
**AST**    **N/A**

**Relative:**      NCFM UST:  
**Lower**            Batt/Dept:            87  
                          Location Id:            25385  
**Actual:**            Unit Type:            HC  
**42 ft.**                Vendor:                UNBRANDED  
                          Installed Date:        11/09/1981  
                          Last Test Date:       02/01/1990  
                          Status:                Removed  
                          Tank Contents:        10000000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NS/LIJ DIALYSIS CENTER - COMMUNITY SER (Continued)

U003847502

NCFM AST:  
Contents: 30199301  
Batt/Dept: 87  
Location Id: 25385  
Unit Type: DG  
Vendor: UNBRANDED  
Installed Date: 08/07/1992  
Last Test Date: 09/23/2002  
Status: Active

E50  
North  
1/8-1/4  
0.158 mi.  
835 ft.

NCPD  
100 COMMUNITY DRIVE  
MANHASSET, NY

HIST LTANKS S100177575  
N/A

Site 10 of 11 in cluster E

Relative:  
Lower

HIST LTANKS:  
Region of Spill: 1  
Spill Number/Closed Date: 9111412 / 07/06/95  
Spill Date: 02/04/1992  
Spill Time: 14:30  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 07/06/95  
Cleanup Meets Standard: True  
Investigator: T/T/F  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 02/05/92  
Reported to Department Time: 10:10  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: NCPD  
Spiller Address: 425 SALISBURY PARK DRIVE  
Spiller City,St,Zip: WESTBURY, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 997-8282  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /

Actual:  
42 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NCPD (Continued)**

**S100177575**

UST Involvement: True  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 02/07/92  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 10/15/01  
Is Updated: False

**Tank:**

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: DIESEL  
Class Type: DIESEL  
Times Material Entry In File: 10625  
CAS Number: Not reported  
Last Date: 19940728  
DEC Remarks: 07/06/95: TANK REMOVED 5/15/92, NO CONTAMINATION ENCOUNTERED PER CAMPBELL,  
LINES EXCAVATED 4/13/95.,  
Spill Cause: 1K FAILED AT -0.237, NO PLANS YET, MOSTLY LIKELY TO TEST TANK ALONE

**E51**  
**North**  
**1/8-1/4**  
**0.158 mi.**  
**835 ft.**

**NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT**  
**100 COMMUNITY DR**  
**MANHASSET, NY 11030**  
**Site 11 of 11 in cluster E**

**RCRA-CESQG** 1001127946  
**FINDS** NYR000035758  
**LTANKS**  
**MANIFEST**  
**NY Spills**

**Relative:**  
**Lower**

**RCRA-CESQG:**

Date form received by agency: 01/01/2007  
Facility name: NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT  
Facility address: 100 COMMUNITY DR  
MANHASSET, NY 11030  
EPA ID: NYR000035758  
Mailing address: COMMUNITY DR  
MANHASSET, NY 11030  
Contact: KENNETH J PARKER  
Contact address: COMMUNITY DR  
MANHASSET, NY 11030  
Contact country: US  
Contact telephone: (516) 673-6644  
Contact email: KPARKER@PDCN.ORG  
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

**Actual:**  
**42 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT (Continued)**

**1001127946**

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: NASSAU COUNTY POLICE HEADQUARTERS  
Owner/operator address: 1490 FRANKLIN AVE  
MINEOLA, NY 11501  
Owner/operator country: US  
Owner/operator telephone: (516) 573-4000  
Legal status: County  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NASSAU COUNTY SIXTH PRECINCT  
Owner/operator address: COMMUNITY DR  
MANHASSET, NY 11030  
Owner/operator country: US  
Owner/operator telephone: (516) 573-6648  
Legal status: County  
Owner/Operator Type: Operator  
Owner/Op start date: 12/31/1979  
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  
Facility name: NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT  
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/13/2004  
Facility name: NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT (Continued)**

**1001127946**

Classification: Not a generator, verified

Date form received by agency: 07/21/2003  
Facility name: NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT  
Site name: NASSAU COUNTY SIXTH PRECINCT  
Classification: Small Quantity Generator

Date form received by agency: 07/08/1999  
Facility name: NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT  
Site name: NASSAU COUNTY POLICE DEPT  
Classification: Not a generator, verified

Date form received by agency: 02/18/1997  
Facility name: NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT  
Site name: NASSAU COUNTY POLICE DEPT  
Classification: Small Quantity Generator

Violation Status: No violations found

**FINDS:**

Registry ID: 110004532471

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**HAZARDOUS WASTE BIENNIAL REPORTER**

**LTANKS:**

Site ID: 256603  
Spill Number/Closed Date: 8906883 / 10/7/1992  
Spill Date: 10/11/1989  
Spill Cause: Tank Test 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: 10/7/1992  
Cleanup Meets Standard: True  
SWIS: 3022  
Investigator: T/T/F  
Referred To: Not reported  
Reported to Dept: 10/12/1989  
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: 10/17/1989  
Spill Record Last Update: 10/21/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT (Continued)**

**1001127946**

Spiller Name: RANDY PEETERS  
Spiller Company: NCDPW  
Spiller Address: 425 SALISBURY PARK DRIVE  
Spiller City,St,Zip: WESTBURY, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 340721  
DEC Memo: TANK PASSED TANK ALONE TEST AND SYSTEM TEST  
Remarks: 3K FAILED AT -.067 GPH. SYSTEM PETROTITE FAILURE. THEY THINK LEAK IS FROM BAD FILL PIPE. WILL REPAIR AND RETEST NEXT WEEK

Material:

Site ID: 256603  
Operable Unit ID: 934666  
Operable Unit: 01  
Material ID: 443694  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 256603  
Spill Tank Test: 1536223  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

Site ID: 256606  
Spill Number/Closed Date: 9111412 / 7/6/1995  
Spill Date: 2/4/1992  
Spill Cause: Tank Test 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: 7/6/1995  
Cleanup Meets Standard: True  
SWIS: 3000  
Investigator: T/T/F  
Referred To: Not reported  
Reported to Dept: 2/5/1992  
CID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT (Continued)**

**1001127946**

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: 2/7/1992  
Spill Record Last Update: 10/15/2001  
Spiller Name: Not reported  
Spiller Company: NCPD  
Spiller Address: 425 SALISBURY PARK DRIVE  
Spiller City,St,Zip: WESTBURY, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 277405  
DEC Memo: Not reported  
Remarks: 1K FAILED AT -0.237, NO PLANS YET, MOSTLY LIKELY TO TEST TANK ALONE

**Material:**

Site ID: 256606  
Operable Unit ID: 965136  
Operable Unit: 01  
Material ID: 416448  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 256606  
Spill Tank Test: 1539591  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

**NY MANIFEST:**

EPA ID: NYR000035758  
Country: USA  
Mailing Name: NASSAU CTY POLICE DEPT - 6TH PRECINCT  
Mailing Contact: GEORGE MORRISH  
Mailing Address: 100 COMMUNITY DR  
Mailing Address 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT (Continued)**

**1001127946**

Mailing City: MANHASSET  
Mailing State: NY  
Mailing Zip: 11030  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-573-6600

Document ID: NYG2807172  
Manifest Status: Not reported  
Trans1 State ID: NYD077444263  
Trans2 State ID: Not reported  
Generator Ship Date: 07/21/2003  
Trans1 Recv Date: 07/21/2003  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 07/22/2003  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYR000035758  
Trans1 EPA ID: NYD077444263  
Trans2 EPA ID: Not reported  
TSDF ID: 40579PA  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Quantity: 00550  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 012  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2003

Document ID: NYB8433036  
Manifest Status: Completed copy  
Trans1 State ID: NYPD1010  
Trans2 State ID: Not reported  
Generator Ship Date: 970416  
Trans1 Recv Date: 970416  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 970416  
Part A Recv Date: Not reported  
Part B Recv Date: 970502  
Generator EPA ID: NYR000035758  
Trans1 EPA ID: NYD077444263  
Trans2 EPA ID: Not reported  
TSDF ID: NYD077444263  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00500  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 97

**SPILLS:**

Facility ID: 9700323

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT (Continued)**

**1001127946**

DER Facility ID: 277405  
Facility Type: ER  
Site ID: 256607  
DEC Region: 1  
Spill Date: 4/7/1997  
Spill Number/Closed Date: 9700323 / 11/14/1997  
Spill Cause: Unknown  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 3000  
Investigator: RDDECAND  
Referred To: Not reported  
Reported to Dept: 4/7/1997  
CID: 198  
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: 4/7/1997  
Spill Record Last Update: 11/17/1997  
Spiller Name: BOB VEINE  
Spiller Company: NCPD 6TH PREC  
Spiller Address: 100 COMMUNITY DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spiller Company: 001  
Contact Name: BOB VEINE  
Contact Phone: (516) 573-6600  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "DECANDIA" TANK IS SURROUNDED BY WATER, WATER IS TO BE RUN THROUGHT TREATMENT AS PER SPEDES PERMIT. TANK WON'T BE PULLED TILL 4/11/97 296.63 TONS OF SOIL EXCAVATED 12,381 GALLONS OF WATER PUMPED NOT ABEL TO LOCATE WATER FOR WELL INSTALLATION. MOST CONTAMINATION HAS BEEN REMOVED

Remarks: CALLER DIGGING UP A 10,000 GAL TANK AND NOTICED SOIL CONTAMINATION UNK IF TANK FAILURE OR FROM OVERFILLS. AWAITING A VAC TRUCK TO PUMP OUT LINER THEN GO FROM THERE.

Material:  
Site ID: 256607  
Operable Unit ID: 1046688  
Operable Unit: 01  
Material ID: 336937  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NASSAU COUNTY POLICE DEPT-SIXTH PRECINCT (Continued)

1001127946

Tank Test:

52  
WSW  
1/8-1/4  
0.164 mi.  
868 ft.

JENKINS RESIDENCE  
116 UDALL DRIVE  
GREAT NECK, NY

HIST LTANKS  
NY Spills  
S103238774  
N/A

Relative:  
Higher

HIST LTANKS:

Actual:  
175 ft.

Region of Spill: 1  
Spill Number/Closed Date: 9801599 / 12/11/98  
Spill Date: 05/06/1998  
Spill Time: 15:54  
Spill Cause: Tank Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
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: / /  
Cleanup Meets Standard: True  
Investigator: DARCANGELO  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 05/06/98  
Reported to Department Time: 17:04  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: JENKINS RESIDENCE  
Spiller Address: 116 UDALL DRIVE  
Spiller City,St,Zip: GREAT NECK, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Fire Department  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 05/06/98  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 12/14/98  
Is Updated: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JENKINS RESIDENCE (Continued)**

**S103238774**

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: CLEANUP COMPLETE, DISPOSAL RECPTS REC VD  
Spill Cause: TANK FAILURE SPILL TO CRAWL SPACE FD ON SCENE REQ CALL BACK AND RESPONCE CELL 516-521-2046

SPILLS:

Facility ID: 9801599  
DER Facility ID: 214794  
Facility Type: ER  
Site ID: 263487  
DEC Region: 1  
Spill Date: 5/6/1998  
Spill Number/Closed Date: 9801599 / 12/11/1998  
Spill Cause: Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 3022  
Investigator: MJDARCAN  
Referred To: Not reported  
Reported to Dept: 5/6/1998  
CID: 233  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Notifier: Fire Department  
Cleanup Ceased: Not reported  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 5/6/1998  
Spill Record Last Update: 1/13/2010  
Spiller Name: Not reported  
Spiller Company: JENKINS RESIDENCE  
Spiller Address: 116 UDALL DRIVE  
Spiller City,St,Zip: GREAT NECK, 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 "DARCANGELO"CLEANUP COMPLETE, DISPOSAL RECPTS REC'VD

Remarks: TANK FAILURE SPILL TO CRAWL SPACE FD ON SCENE REQ CALL BACK AND RESPONCE CELL 516-521-2046



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

JENKINS RESIDENCE (Continued)

S103238774

Material:  
Site ID: 263487  
Operable Unit ID: 1062137  
Operable Unit: 01  
Material ID: 323529  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

G53 1000 NORTHERN BLVD CORP.  
North 1000 NORTHERN BLVD  
1/8-1/4 MANHASSET, NY  
0.168 mi.  
885 ft. Site 1 of 2 in cluster G

UST U004052557  
N/A

Relative: NCFM UST:  
Lower Batt/Dept: 87  
Location Id: 13430  
Actual: Unit Type: HC  
46 ft. Vendor: UNBRANDED  
Installed Date: 01/12/1983  
Last Test Date: 03/26/2010  
Status: Active  
Tank Contents: 30199301

G54 MANHASSET LAKEVILLE F.D. CO.#2  
North 2 COMMUNITY DR  
1/8-1/4 MANHASSET, NY  
0.196 mi.  
1037 ft. Site 2 of 2 in cluster G

AST U004153250  
N/A

Relative: NCFM AST:  
Lower Contents: 20107500  
Batt/Dept: 87  
Actual: Location Id: 10890  
33 ft. Unit Type: DX  
Vendor: CONSERVATIVE  
Installed Date: Not reported  
Last Test Date: Not reported  
Status: Active  
  
Contents: 20107500  
Batt/Dept: 87  
Location Id: 10890  
Unit Type: DX  
Vendor: CONSERVATIVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANHASSET LAKEVILLE F.D. CO.#2 (Continued)**

**U004153250**

Installed Date: Not reported  
Last Test Date: Not reported  
Status: Active

Contents: 20107500  
Batt/Dept: 87  
Location Id: 10890  
Unit Type: DX  
Vendor: CONSERVATIVE  
Installed Date: Not reported  
Last Test Date: Not reported  
Status: Active

Contents: 20107500  
Batt/Dept: 87  
Location Id: 10890  
Unit Type: DX  
Vendor: CONSERVATIVE  
Installed Date: Not reported  
Last Test Date: Not reported  
Status: Active

**55**  
**West**  
**1/8-1/4**  
**0.212 mi.**  
**1121 ft.**

**12 CLARK DR**  
**GREAT NECK, NY 11020**

**EDR US Hist Cleaners 1014980754**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**194 ft.**

EDR Historical Cleaners:  
Name: SUNSHINE CLEANING SERVICES  
Year: 2008  
Address: 12 CLARK DR

Name: SUNSHINE CLEANING SERVICES  
Year: 2009  
Address: 12 CLARK DR

**H56**  
**WNW**  
**1/8-1/4**  
**0.230 mi.**  
**1212 ft.**

**800 NORTHERN CORPORATION**  
**800 NORTHERN BLVD**  
**GREAT NECK, NY**  
**Site 1 of 5 in cluster H**

**UST U003845022**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**172 ft.**

NCFM UST:  
Batt/Dept: 82  
Location Id: 2417303  
Unit Type: HJ  
Vendor: Not reported  
Installed Date: 12/02/1986  
Last Test Date: Not reported  
Status: Removed  
Tank Contents: 30199301

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**H57**  
**WNW**  
**1/8-1/4**  
**0.230 mi.**  
**1212 ft.**

**INFOSERVE CORPORATION**  
**800 NORTHERN BLVD**  
**MANHASSET, NY**

**UST**    **U003846836**  
**N/A**

**Site 2 of 5 in cluster H**

**Relative:**  
**Higher**

NCFM UST:  
Batt/Dept:                    87  
Location Id:                 31596  
Unit Type:                    HH  
Vendor:                        UNBRANDED  
Installed Date:              01/15/1987  
Last Test Date:              08/06/1992  
Status:                        Removed  
Tank Contents:               30199301

**58**  
**North**  
**1/8-1/4**  
**0.239 mi.**  
**1262 ft.**

**COMMUNITY DR & RTE 25A**  
**MANHASSET, NY**

**LTANKS**    **S104619099**  
**HIST LTANKS**    **N/A**

**Relative:**  
**Lower**

LTANKS:  
Site ID:                        231689  
Spill Number/Closed Date: 9413628 / 6/30/2000  
Spill Date:                    1/12/1995  
Spill Cause:                   Tank Failure  
Spill Source:                   Commercial/Industrial  
Spill Class:                   Known release that creates potential for fire or hazard. DEC Response.  
Unknown Responsible Party. Corrective action taken. (ISR)

**Actual:**  
**32 ft.**

Cleanup Ceased:            Not reported  
Cleanup Meets Standard:    True  
SWIS:                         3000  
Investigator:                 BPAUSTIN  
Referred To:                  Not reported  
Reported to Dept:             1/12/1995  
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: 1/13/1995  
Spill Record Last Update: 7/3/2000  
Spiller Name:                 Not reported  
Spiller Company:              ACE AUTO BODY  
Spiller Address:               3 EAST SHORE ROAD  
Spiller City,St,Zip:           MANHASSET, ZZ  
Spiller County:                001  
Spiller Contact:               Not reported  
Spiller Phone:                Not reported  
Spiller Extention:             Not reported  
DEC Region:                    1  
DER Facility ID:               190940  
DEC Memo:                     Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
"AUSTIN"CLEANUP COMPLETE. MINIMAL SOLID WASTE GENERATED. NO FURTHER  
ACTION AT THIS TIME  
Remarks:                      INSIDE GARAGE ONE 275 A/G KEROSENE TANK HAD VALVE UNSEATED ON BOTTOM,  
TANK IS NOW 6" BELOW FILLED LEVEL, KEROSENE LEAKED TO FLOOR, DOWN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104619099

DRIVEWAY INTO STREET POSS DRAINAGE, SPEEDI DRI APPLIED

Material:

Site ID: 231689  
Operable Unit ID: 1007192  
Operable Unit: 01  
Material ID: 564253  
Material Code: 0012A  
Material Name: Kerosene  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 50  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 9413628 / 06/30/00  
Spill Date: 01/12/1995  
Spill Time: 14:00  
Spill Cause: Tank Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Unknown Responsible Party. Corrective action taken. (ISR)  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Investigator: AUSTIN  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 01/12/95  
Reported to Department Time: 14:00  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: ACE AUTO BODY  
Spiller Address: 3 EAST SHORE ROAD  
Spiller City,St,Zip: MANHASSET  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 627-6422  
Facility Extention: Not reported  
Spill Notifier: Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S104619099

PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 01/13/95  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 07/03/00  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 50  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: KEROSENE  
Class Type: KEROSENE  
Times Material Entry In File: 2052  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: CLEANUP COMPLETE. MINIMAL SOLID WASTE GENERATED. NO FURTHER ACTION AT THIS TIME  
Spill Cause: INSIDE GARAGE ONE 275 A/G KEROSENE TANK HAD VALVE UNSEATED ON BOTTOM, TANK IS NOW 6 BELOW FILLED LEVEL, KEROSENE LEAKED TO FLOOR, DOWN DRIVEWAY INTO STREET POSS DRAINAGE, SPEEDI DRI APPLIED

H59  
West  
1/8-1/4  
0.245 mi.  
1293 ft.

DIBENEDETTO PROPERTY  
790 NORTHERN BLVD  
GREAT NECK, NY  
Site 3 of 5 in cluster H

LTANKS S103478582  
HIST LTANKS N/A

Relative:  
Higher

LTANKS:

Actual:  
176 ft.

Site ID: 300825  
Spill Number/Closed Date: 9408590 / 12/8/1994  
Spill Date: 9/27/1994  
Spill Cause: Tank Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)  
Cleanup Ceased: 12/8/1994  
Cleanup Meets Standard: True  
SWIS: 3000  
Investigator: NJACAMPO  
Referred To: Not reported  
Reported to Dept: 9/27/1994  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: DEC  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DIBENEDETTO PROPERTY (Continued)**

**S103478582**

Remediation Phase: 0  
Date Entered In Computer: 9/29/1994  
Spill Record Last Update: 7/3/1998  
Spiller Name: Not reported  
Spiller Company: ED DIBENEDETTO  
Spiller Address: 43-24 CLEARVIEW EXPY  
Spiller City,St,Zip: BAYSIDE, QUEENS, NY 11361-001  
Spiller County: 001  
Spiller Contact: ED DIBENEDETTO  
Spiller Phone: (718) 225-7222  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 243285  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ACAMPORA"09/27/94 (A): DEC (Acampora) on site- Contamination found during routine removal of 2 550gal steel gasoline tanks. A number of holes were found on them. A 1K steel fuel oil tank was also removed (this was ok). Owner and his consultant on site.09/27/94 (B): BOTH TANKS SUPPOSEDLY FAILED TIGHTNESS TESTS IN EARLY 80S, CAUSING OWNER TO ABANDON THEM IN 81.09/27/94 (C): Approx 50cy soil removed.09/27/94 (D): Endpoint samples taken.10/18/94: Consultant's report- Endpoint samples were analyzed for EPA 8021 and Lead. Analyses below DEC guidelines.12/05/94: Consultant's report- Enclose disposal manifests.12/08/94: File closed.  
Remarks: DURING TANK REMOVAL FOUND CONTAMINATION IN EXCAVATION, REMOVED APPROX 50 YARDS AND STOCKPILED

Material:  
Site ID: 300825  
Operable Unit ID: 1006281  
Operable Unit: 01  
Material ID: 378027  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

HIST LTANKS:  
Region of Spill: 1  
Spill Number/Closed Date: 9408590 / 12/08/94  
Spill Date: 09/27/1994  
Spill Time: 14:05  
Spill Cause: Tank Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DIBENEDETTO PROPERTY (Continued)**

**S103478582**

Cleanup Ceased: 12/08/94  
Cleanup Meets Standard: True  
Investigator: ACAMPORA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 09/27/94  
Reported to Department Time: 13:53  
SWIS: 28  
Spiller Contact: ED DIBENEDETTO  
Spiller Phone: (718) 225-7222  
Spiller Extention: Not reported  
Spiller Name: ED DIBENEDETTO  
Spiller Address: 43-24 CLEARVIEW EXPY  
Spiller City,St,Zip: BAYSIDE, QUEENS, NY 11361-  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (718) 225-7222  
Facility Extention: Not reported  
Spill Notifier: DEC  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 09/29/94  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 07/03/98  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: 09/27/94 A): DEC Acampora) on site- Contamination found during routine removal of 2 550gal steel gasoline tanks. A number of holes were found on them. A 1K steel fuel oil tank was also removed this was ok). Owner and his consultant on site.09/27/94 B): BOTH TANKS SUPPOSEDLY FAILED TIGHTNESS TESTS IN EARLY 80S, CAUSING OWNER TO ABANDON THEM IN 81. 09/27/94 C): Approx 50cy

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DIBENEDETTO PROPERTY (Continued)**

**S103478582**

soil removed. 09/27/94 D): Endpoint samples taken. 10/18/94: Consultant s report- Endpoint samples were analy ed for EPA 8021 and Lead. Analyses below DEC guidelines. 12/05/94: Consultant s report- Enclose disposal manifests. 12/08/94: File closed.

Spill Cause: DURING TANK REMOVAL FOUND CONTAMINATION IN EXCAVATION, REMOVED APPROX 50 YARDS AND STOCKPILED

**H60**  
**West**  
 1/4-1/2  
 0.255 mi.  
 1349 ft.

**BIENER PROPERTY**  
**779 NORTHERN BLVD**  
**GREAT NECK, NY**

**Site 4 of 5 in cluster H**

**HIST LTANKS**  
**MANIFEST**  
**NY Spills**

**S100150340**  
**N/A**

**Relative:**  
**Higher**

HIST LTANKS:

**Actual:**  
**178 ft.**

Region of Spill: 1  
 Spill Number/Closed Date: 8904622 / Not Closed  
 Spill Date: 08/08/1989  
 Spill Time: 13:00  
 Spill Cause: Tank Failure  
 Resource Affectd: Groundwater  
 Water Affected: Not reported  
 Spill Source: Other Commercial/Industrial  
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Cleanup Ceased: / /  
 Cleanup Meets Standard: False  
 Investigator: PARISH WELL  
 Caller Name: Not reported  
 Caller Agency: Not reported  
 Caller Phone: Not reported  
 Caller Extension: Not reported  
 Notifier Name: Not reported  
 Notifier Agency: Not reported  
 Notifier Phone: Not reported  
 Notifier Extension: Not reported  
 Reported to Department Date: 08/08/89  
 Reported to Department Time: 13:00  
 SWIS: 28  
 Spiller Contact: MARTIN BIENER  
 Spiller Phone: (516) 829-2834  
 Spiller Extention: Not reported  
 Spiller Name: MARTIN BIENER  
 Spiller Address: P.O. BOX 962  
 Spiller City,St,Zip: GREAT NECK, NY 11021-  
 Spiller Cleanup Date: / /  
 Facility Contact: MARTIN BIENER  
 Facility Phone: (516) 829-2834  
 Facility Extention: Not reported  
 Spill Notifier: DEC  
 PBS Number: Not reported  
 Last Inspection: / /  
 Recommended Penalty: Penalty Not Recommended  
 Enforcement Date: / /  
 Investigation Complete: / /  
 UST Involvement: False  
 Date Region Sent Summary to Central Office: / /  
 Corrective Action Plan Submitted: / /  
 Date Spill Entered In Computer Data File: 08/09/89



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIENER PROPERTY (Continued)**

**S100150340**

Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 01/05/99  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207

DEC Remarks: \*\*\*NOTE: SEE 8601280 FOR HISTORY OF THIS SITE UP TO THIS TIME. 03/16/89 SPILL 8601280): DEC Parish) met with Tyree and others- Construction to be done? Requested notification of any tanks to be removed, and removal of any contaminated soil encountered. 08/03/89 A): FPM report- Hired by construction contractor. Site has car wash and old gas station. Based on study, believe there is a fuel oil tank at the car wash, another at the service station, a waste oil tank at the station, and agas tank at the station. MAP INDICATES THE GAS IS A 10K; ALSO INDICATES 3 3K AND 1 10K GAS TANKS WERE REMOVED IN THE PAST. 08/03/89 B): Historical info- Three 3K installed in 54, and one 10K installed in 75. The 3 3K were removed in 86. The 10K passed tightness test in 88 A FORM IN SPILL FILE 8601280 SAYS 2 3K AND 1 5K WERE REMOVED 17JAN87). 08/03/89 B): Installed 49 soil vapor wells, 1 soil boring, and 2 shallow wells. 08/03/89 C): Sampled the two new wells, and two existing wells, and analy ed for dissolved product. 08/03/89 D): Sampling confirmed presence of dissolved petroleum and contaminated soil. 08/03/89 E): Recommend further investigation, risk assessment, and remediation feasibility study. 08/07/89: DEC Parish)on site with Joel Kat leasor), FPM, Biener owner), and Tyree- removed 1 10K gas tank. No holes found, but tank heavily pitted. Approx 50-60cy soil removed. Soil had clays and silts. 08/08/89: Parish on site with Tyree- Removed 1 1K fuel oil tank. Many holes found. Approx 100cy removed THIS DATE, OR TOTAL??? Other tanks e.g. waste oil) to be removed??? SOME SHEEN OF GAS AND OIL VISIBLE IN 10K EXCAVATION . 08/15/89: Letter to Martin Biener Biener Pontiac, 795 N Blvd, Box 962, GreatNeck), cc Kat 97 Powerhouse Road, Suite 103, Roslyn Heights)- Request removal of the remaining fuel oil tank and the waste oil tank; also request remediation. 10/04/89: Biener letter- Kat no longer involved. He wanted to purchase instead of lease. New contractor Mitch Newman, Gamut Construction) will arrange for cleanup. 11/03/89: Parish met Newman on site to discuss status and DEC requests. 01/02/90: Parish letter to Beiner- Have not received remediation proposal from you or Tyree.Gives deadline and scenario for failure to comply. 01/09/90: Tyree to install well s). 01/12/90: Tyree installed and sampled one well. 03/01/90: Tyree proposal- Will remove approx 3000cy soil. 07/29/97: PARISH LETTER TO BIENER- AS PER DISCUSSION, SPILL 8601280 TO BE CLOSED; REMAINING CONTAMINATION TO BE HANDLED BY BIENER UNDER SPILL 8904622. \*\*\*NOTE: AREA HAS BEEN COMMERCIALY DEVELOPED FOR LONG TIME. \*\*\*NOTE: APPEARS THIS AREA HAS PERCHED WATER, MAKING IT MORE DIFFICULT TO TRACK GROUNDWATER FLOW, ETC. \*\*\*NOTE: FOUND SOME OTHER SPILLS HERE THESE MAY BE RELATED TO 8904622 AND SOME OF THE WORK MAY OVERLAP)- 8601280- Gasoline vapor detected in telephone manhole at 779 N Blvd. DEC had Miller Environmental clean out manhole and

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIENER PROPERTY (Continued)**

**S100150340**

install wells. See it for full history. 8708765- Product found in telephone manhole. DEC had Miller Env vac out manhole paid under 8601280?). Closed 28Jul97. See it for full history. 9200292- Gasoline found in telephone manhole. Nassau County Fire Marshal inspected. NYTel installed blower to vent. NYTel?) had Fenley Nicol vac out manhole. Closed 21Apr93. See it for full history. 9714202- 795 N Blvd: Contamination found during routine removal of one 550 gallon fuel oil tank. Approx 7cy soil removed. Closed 27Apr98. See it for full history.

Spill Cause: 1K TANK REMOVED, MANY HOLES FOUND, CONTAMINATED SOIL FOUND AND REMOVED. 10K GAS ALSO REMOVED AND CONT SOIL FOUND. TOTAL 80-100 YDS

NY MANIFEST:

EPA ID: NYD981872856  
Country: USA  
Mailing Name: BRENER PONTIAC  
Mailing Contact: BRENER PONTIAC  
Mailing Address: 779 NORTHERN BLVD  
Mailing Address 2: Not reported  
Mailing City: GREAT NECK  
Mailing State: NY  
Mailing Zip: Not reported  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-482-7700

NY MANIFEST:

No Manifest Records Available

SPILLS:

Facility ID: 8904622  
DER Facility ID: 345642  
Facility Type: ER  
Site ID: 315926  
DEC Region: 1  
Spill Date: 8/8/1989  
Spill Number/Closed Date: 8904622 / 4/10/2008  
Spill Cause: Other  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 3022  
Investigator: Unassigned  
Referred To: Not reported  
Reported to Dept: 8/8/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: DEC  
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: 8/9/1989  
Spill Record Last Update: 1/4/2011  
Spiller Name: MARTIN BIENER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIENER PROPERTY (Continued)**

**S100150340**

Spiller Company: MARTIN BIENER  
Spiller Address: P.O. BOX 962  
Spiller City,St,Zip: GREAT NECK, NY 11021-  
Spiller Company: 001  
Contact Name: MARTIN BIENER  
Contact Phone: (516) 829-2834  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "PARISH WELL"\*\*\*NOTE: SEE 8601280 FOR HISTORY OF THIS SITE UP TO THIS TIME.03/16/89 (SPILL 8601280): DEC (Parish) met with Tyree and others- Construction to be done? Requested notification of any tanks to be removed, and removal of any contaminated soil encountered.08/03/89 (A): FPM report- Hired by construction contractor. Site has car wash and old gas station. Based on study, believe there is a fuel oil tank at the car wash, another at the service station, a waste oil tank at the station, and a gas tank at the station. MAP INDICATES THE GAS IS A 10K; ALSO INDICATES 3 3K AND 1 10K GAS TANKS WERE REMOVED IN THE PAST.08/03/89 (B): Historical info- Three 3K installed in 54, and one 10K installed in 75. The 3 3K were removed in 86. The 10K passed tightness test in 88 (A FORM IN SPILL FILE 8601280 SAYS 2 3K AND 1 5K WERE REMOVED 17JAN87).08/03/89 (B): Installed 49 soil vapor wells, 1 soil boring, and 2 shallow wells.08/03/89 (C): Sampled the two new wells, and two existing wells, and analyzed for dissolved product.08/03/89 (D): Sampling confirmed presence of dissolved petroleum and contaminated soil.08/03/89 (E): Recommend further investigation, risk assessment, and remediation feasibility study.08/07/89: DEC (Parish) on site with Joel Katz (leasor), FPM, Biener (owner), and Tyree- removed 1 10K gas tank. No holes found, but tank heavily pitted. Approx 50-60cy soil removed. Soil had clays and silts.08/08/89: Parish on site with Tyree- Removed 1 1K fuel oil tank. Many holes found. Approx 100cy removed THIS DATE, OR TOTAL??? Other tanks (e.g. waste oil) to be removed???"SOME SHEEN OF GAS AND OIL VISIBLE IN 10K EXCAVATION".08/15/89: Letter to Martin Biener (Biener Pontiac, 795 N Blvd, Box 962, Great Neck), cc Katz (97 Powerhouse Road, Suite 103, Roslyn Heights)- Request removal of the remaining fuel oil tank and the waste oil tank; also request remediation.10/04/89: Biener letter- Katz no longer involved. He wanted to purchase instead of lease. New contractor (Mitch Newman, Gamut Construction) will arrange for cleanup.11/03/89: Parish met Newman on site to discuss status and DEC requests.01/02/90: Parish letter to Beiner- Have not received remediation proposal from you or Tyree. Gives deadline and scenario for failure to comply.01/09/90: Tyree to install well(s).01/12/90: Tyree installed and sampled one well.03/01/90: Tyree proposal- Will remove approx 3000cy soil.07/29/97: PARISH LETTER TO BIENER- AS PER DISCUSSION, SPILL 8601280 TO BE CLOSED; REMAINING CONTAMINATION TO BE HANDLED BY BIENER UNDER SPILL 8904622.\*\*\*NOTE: AREA HAS BEEN COMMERCIALY DEVELOPED FOR LONG TIME.\*\*\*NOTE: APPEARS THIS AREA HAS PERCHED WATER, MAKING IT MORE DIFFICULT TO TRACK GROUNDWATER FLOW, ETC.\*\*\*NOTE: FOUND SOME OTHER SPILLS HERE (THESE MAY BE RELATED TO 8904622 AND SOME OF THE WORK MAY OVERLAP)-8601280- Gasoline vapor detected in telephone manhole at 779 N Blvd. DEC had Miller Environmental clean out manhole and install wells. See it for full history.8708765- Product found in telephone manhole. DEC had Miller Env vac out manhole (paid under 8601280?). Closed 28Jul97. See it for full history.9200292- Gasoline found in telephone manhole. Nassau County Fire Marshal inspected. NYTel installed blower to vent. (NYTel?) had Fenley & Nicol vac out manhole. Closed 21Apr93. See it

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIENER PROPERTY (Continued)**

**S100150340**

Remarks: for full history.9714202- 795 N Blvd: Contamination found during "routine" removal of one 550 gallon fuel oil tank. Approx 7cy soil removed. Closed 27Apr98. See it for full history.  
1K TANK REMOVED, MANY HOLES FOUND, CONTAMINATED SOIL FOUND AND REMOVED. 10K GAS ALSO REMOVED AND CONT SOIL FOUND. TOTAL 80-100 YDS

Material:

Site ID: 315926  
Operable Unit ID: 929884  
Operable Unit: 01  
Material ID: 448661  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 8601280  
DER Facility ID: 345642  
Facility Type: ER  
Site ID: 315924  
DEC Region: 1  
Spill Date: 5/23/1986  
Spill Number/Closed Date: 8601280 / 12/18/1998  
Spill Cause: Unknown  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
SWIS: 3022  
Investigator: WJPARISH  
Referred To: Not reported  
Reported to Dept: 5/23/1986  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: Health Department  
Cleanup Ceased: 7/29/1997  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: True  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 6/12/1986  
Spill Record Last Update: 1/4/2011  
Spiller Name: MARTIN BIENER  
Spiller Company: MARTIN BIENER  
Spiller Address: P.O. BOX 962  
Spiller City,St,Zip: GREAT NECK, NY 11021-001  
Contact Name: MARTIN BIENER  
Contact Phone: (516) 829-2834

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIENER PROPERTY (Continued)**

**S100150340**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "PARISH WELL"06/03/86 (A): DEC (O'Neill) met NY Telephone and Nassau County Health on site- found only slight sheen in manhole at this time. Manhole is between Biener Pontiac (795 Northern Blvd) and old gas station at 779 (NE corner of Susquehanna & Northern Blvd).06/03/86 (B): DEC having Miller Env clean manhole.06/03/86 (C): BIENER PONTIAC SUPPOSEDLY OWNS OLD GAS STATION AT 779 NORTHERN BLVD. Tanks last tested on 13Nov80.06/03/86 (D): SKETCH SHOWS 779 TO BE NEXT DOOR WEST OF BIENER PONTIAC. IT ALSO SHOWS A "CLOSED GAS STATION" ACROSS STREET FROM 779.01/19/87: TWO 3K AND ONE 5K STEEL GAS TANKS REMOVED??? (THIS IS AS PER FORM SUBMITTED TO NASSAU COUNTY FIRE MARSHAL BY TYREE; SPILL 8904622 SITE ASSESSMENT SAYS 3 6K REMOVED 1986).02/18/88: Tyree tested 1 10K steel no lead gas tank at 779. It passed. Sam Weinstock, Biener Pontiac listed as owner of tank and property.02/29/88: DEC (Parish) on site with Miller Env- performed borings at 779. Encountered "old petro (gasoline) odor". \*\*\*APPEARS THERE IS PERCHED WATER IN THIS AREA\*\*\*AUG88: TWO MORE TANKS REMOVED??? AT LEAST TWO REMAIN???03/16/89: Parish met with Tyree and others- Construction to be done? Requested notification of any tanks to be removed, and removal of any contaminated soil encountered.11/01/89: Soil Mechanics indicates site (779?) has new owners.03/26/90: Parish letter- SUMMARY OF SITE HISTORY. Property owner hired Tyree to investigate.06/12/92: Tyree letter- This spill is listed as 795 Northern Blvd. This site never had gas tanks. Request either closure of the case or the removal of this address from the file.08/05/92: Biener's attorney letter- Same request as Tyree.02/03/93: Parish on site- \*\*\*SKETCH INDICATES 779 USED TO BE GETTY AT SOME POINT\*\*\*07/29/97: PARISH LETTER TO BIENER- AS PER DISCUSSION, SPILL 8601280 TO BE CLOSED; REMAINING CONTAMINATION TO BE HANDLED BY BIENER UNDER SPILL 8904622.\*\*\*NOTE: AREA HAS BEEN COMMERCIALY DEVELOPED FOR LONG TIME.\*\*\*NOTE: APPEARS THIS AREA HAS PERCHED WATER, MAKING IT MORE DIFFICULT TO TRACK GROUNDWATER FLOW, ETC.\*\*\*NOTE: FOUND SOME OTHER SPILLS HERE (THESE MAY BE RELATED TO 8601280 AND SOME OF THE WORK MAY OVERLAP)-8708765- Product found in telephone manhole. DEC had Miller vac out manhole (paid under 8601280?). Closed 28Jul97. See it for full history.8904622- Site assessment documented soil and groundwater contamination. See it for full history. \*\*\*REMAINING CONTAMINATION TO BE HANDLED BY BIENER UNDER THIS SPILL NUMBER.\*\*\*9200292- Gasoline found in telephone manhole. Nassau County Fire Marshal inspected. NYTel installed blower to vent. (NYTel?) had Fenley & Nicol vac out manhole. Closed 21Apr93. See it for full history.9714204- 795 N Blvd: Contamination found during "routine" removal of 1 550 gallon fuel oil tank. Approx 7cy soil removed. Closed 27Apr98. See it for full history.

Remarks: RECURRING SKIM OF PRODUCT IN TELEPHONE MANHOLE FOR PAST 5YRS.-POSS.NEARBY GAS STA. TANK

Material:

Site ID: 315924  
Operable Unit ID: 897544  
Operable Unit: 01  
Material ID: 477823  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BIENER PROPERTY (Continued)**

**S100150340**

Recovered: No  
 Resource Affected: Not reported  
 Oxygenate: False

Tank Test:

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

**H61  
 WNW  
 1/4-1/2  
 0.259 mi.  
 1366 ft.**

**BIENER AUDI  
 795 NORTHERN BLVD  
 GREAT NECK, NY**

**HIST LTANKS  
 NY Spills**      **S103039100  
 N/A**

**Site 5 of 5 in cluster H**

**Relative:  
 Higher**

HIST LTANKS:

**Actual:  
 180 ft.**

Region of Spill: 1  
 Spill Number/Closed Date: 9714204 / 04/27/98  
 Spill Date: 03/23/1998  
 Spill Time: 12:00  
 Spill Cause: Tank Failure  
 Resource Affectd: Groundwater  
 Water Affected: Not reported  
 Spill Source: Other Commercial/Industrial  
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
 Cleanup Ceased: / /  
 Cleanup Meets Standard: True  
 Investigator: DARCANGELO  
 Caller Name: Not reported  
 Caller Agency: Not reported  
 Caller Phone: Not reported  
 Caller Extension: Not reported  
 Notifier Name: Not reported  
 Notifier Agency: Not reported  
 Notifier Phone: Not reported  
 Notifier Extension: Not reported  
 Reported to Department Date: 03/23/98  
 Reported to Department Time: 12:30  
 SWIS: 28  
 Spiller Contact: MARTIN BIENER  
 Spiller Phone: (516) 829-2834  
 Spiller Extention: Not reported  
 Spiller Name: MARTIN BIENER  
 Spiller Address: P.O. BOX 962  
 Spiller City,St,Zip: GREAT NECK, NY 11021-  
 Spiller Cleanup Date: / /  
 Facility Contact: MARTIN BIENER  
 Facility Phone: (516) 829-2834  
 Facility Extention: Not reported  
 Spill Notifier: Health Department  
 PBS Number: Not reported  
 Last Inspection: / /  
 Recommended Penalty: Penalty Not Recommended  
 Enforcement Date: / /  
 Investigation Complete: / /

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIENER AUDI (Continued)**

**S103039100**

UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 03/23/98  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 07/06/98  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: True  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: 03/23/98 A): Nassau County Health on site for routine removal of 1 550 gal fuel oil tank. 03/23/98 B): DEC Darcangelo) responded- met Biener rep and contractors. Tank had over 20 holes and 2 splits along the seams. Some product was actively leaking into excavation. Tyree had been hired to vac out product. 03/23/98 C): Excavated until visually clean soil was encountered approx 8 ft below grade). Approx 7cy soil was removed. \*\*\*NOTE: OTHER SPILLS NEXT DOOR AT 779 ALSO OWNEDBY BIENER)- 8601280- Gasoline vapor detected in telephone manhole. See it for full history. 8708765- Product found in telephone manhole. See it for full history. 8904622- Site assessment documented soil and groundwater contamination. See it for full history. 9200292- Gasoline found in telephone manhole. See it for full history.

Spill Cause: CONTAMINATION DISCOVERED DURING A TANK REMOVAL. REQUESTING DEC RESPONSE.

SPILLS:

Facility ID: 9714204  
DER Facility ID: 256972  
Facility Type: ER  
Site ID: 318793  
DEC Region: 1  
Spill Date: 3/23/1998  
Spill Number/Closed Date: 9714204 / 4/27/1998  
Spill Cause: Other  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
SWIS: 3022  
Investigator: MJDARCAN  
Referred To: Not reported  
Reported to Dept: 3/23/1998  
CID: 999  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Health Department  
Cleanup Ceased: Not reported  
Cleanup Meets Std: True  
Last Inspection: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIENER AUDI (Continued)**

**S103039100**

Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 3/23/1998  
Spill Record Last Update: 10/20/2011  
Spiller Name: MARTIN BIENER  
Spiller Company: BIENER AUDI  
Spiller Address: P.O. BOX 962  
Spiller City,St,Zip: GREAT NECK, NY 11021-001  
Spiller Company: 001  
Contact Name: MARTIN BIENER  
Contact Phone: (516) 829-2834  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "DARCANGELO"03/23/98 (A): Nassau County Health on site for "routine" removal of 1 550 gal fuel oil tank.03/23/98 (B): DEC (Darcangelo) responded- met Biener rep and contractors. Tank had "over 20 holes" and 2 "splits" along the seams. Some product was actively leaking into excavation. Tyree had been hired to vac out product.03/23/98 (C): Excavated until visually clean soil was encountered (approx 8 ft below grade). Approx 7cy soil was removed.\*\*\*NOTE: OTHER SPILLS NEXT DOOR AT 779 (ALSO OWNED BY BIENER)-CLEANUP COMPLETE, DISPOSAL RECPTS REC\VD8601280- Gasoline vapor detected in telephone manhole. See it for full history.8708765- Product found in telephone manhole. See it for full history.8904622- Site assessment documented soil and groundwater contamination. See it for full history.9200292- Gasoline found in telephone manhole. See it for full history.

Remarks: CONTAMINATION DISCOVERED DURING A TANK REMOVAL. REQUESTING DECRESPONSE.

Material:  
Site ID: 318793  
Operable Unit ID: 1060053  
Operable Unit: 01  
Material ID: 325171  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 1213750  
DER Facility ID: 256972  
Facility Type: ER  
Site ID: 476957  
DEC Region: 1  
Spill Date: 12/20/2012  
Spill Number/Closed Date: 1213750 / 12/20/2012  
Spill Cause: Unknown  
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIENER AUDI (Continued)**

**S103039100**

required.  
SWIS: 3022  
Investigator: Unassigned  
Referred To: WATER UNI  
Reported to Dept: 12/20/2012  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 12/20/2012  
Spill Record Last Update: 12/21/2012  
Spiller Name: Not reported  
Spiller Company: BIENER AUDI  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: UNKNOWN  
Contact Phone: Not reported  
DEC Memo: REFERRED TO WATER  
Remarks: CAR WASH BUILT 1 YR AGO - DISCHARGE FROM GARAGE BAY TO ROAD TO SEWER SYSTEM - UNKNOWN

Material:

Site ID: 476957  
Operable Unit ID: 1226771  
Operable Unit: 01  
Material ID: 2224132  
Material Code: 0005A  
Material Name: AUTO WASTE FLUIDS  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

62  
West  
1/4-1/2  
0.279 mi.  
1473 ft.

AUTO SPA  
780 NORTHERN BLVD  
GREAT NECK, NY

LTANKS S100169422  
HIST LTANKS N/A  
NY Spills  
NY Hist Spills

Relative:  
Higher

LTANKS:

Actual:  
185 ft.

Site ID: 141506  
Spill Number/Closed Date: 8903434 / 8/2/1989  
Spill Date: 7/6/1989  
Spill Cause: Tank Failure  
Spill Source: Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 8/2/1989  
Cleanup Meets Standard: True  
SWIS: 3022  
Investigator: WALEK  
Referred To: Not reported  
Reported to Dept: 7/6/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Federal Government  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 7/10/1989  
Spill Record Last Update: 3/31/2006  
Spiller Name: MIKE CALINOFF  
Spiller Company: AUTO SPA  
Spiller Address: 343 GREAT NECK ROAD  
Spiller City,St,Zip: GREAT NECK, NY 11021-001  
Spiller County: 001  
Spiller Contact: MIKE CALINOFF  
Spiller Phone: (516) 826-7800  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 289699  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "WALEK FD"07/06/89 1100: Coast Guard reports find of "30 gal gasoline" from ruptured tank. Auto Spa hiring contractor.07/06/89 1200: As per Nassau County Fire Marshal- Approx 100-200 gal MOTOR OIL lost, mostly on road. Approx 30gal in drainage.07/06/89 1220: Nassau County Health on scene- Only sheen in drainage.07/06/89 1225: As per Nassau County Fire Marshal- Estimate of 100-200gal is inaccurate.07/06/89 1235: Called Auto Spa station (466-4254)- They are obtaining quotes from contractors. NCFM and NCPD still present; NCHD left.07/06/89 1235: As per NCFM- Plug came out bottom of 250gal motor oil tank. Approx 150-200gal lost, mostly on ground. Unk amount in storm drain. Drain was diked. Area speedi-dried.07/06/89 1500: DEC (Walek) on scene- Product flowed down parking lot, into storm drain, and into creek leading to Manhasset Bay.Booms deployed in the creek and bay. Fenley & Nicol to vac up for Auto Spa. AutoSpa to clean their parking lot.Recovered approx 175gal from the creek. Approx 75gal remained in the tank. Unstated amount of solids generated.07/10/89: Walek checked creek- ok. Sorbents to be removed. Speedi-dri still to be removed from parking lot.07/24/89: Walek checked site- ok.08/02/89: File closed.\*\*\*NOTE: SEE ALSO 9000664 HERE- 14 DRUMS FOUND ON SITE. CONTAIN "WASTE OIL", "OILY DEBRIS",

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AUTO SPA (Continued)**

**S100169422**

Remarks: "CONTAMINATED SPEEDI-DRI" ETC. RELATED TO 8903434? SEE IT FOR FULL HISTORY.FILE HAS BEEN DESTROYED ACCORDING TO STATE ARCHIVE AND RECORD ADMINISTRATOR RETENTION/DISPOSAL PROCEDURES  
RUPTURED TANK,SOME SPILLED IN S.D. HAVE BLOCKED DRAIN W/SAND, DIRT AND SPEEDY DRY. SAFETY KLEEN WILL BE ON SCENE HIRED BY AUTO SPA CORP. NCDH TO CHECK & C/BK W/DETAILS

Material:

Site ID: 141506  
Operable Unit ID: 930934  
Operable Unit: 01  
Material ID: 447527  
Material Code: 0015  
Material Name: Motor Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 175  
Units: Gallons  
Recovered: 175  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 8903434 / 08/02/89  
Spill Date: 07/06/1989  
Spill Time: 10:00  
Spill Cause: Tank Failure  
Resource Affectd: In Sewer  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 08/02/89  
Cleanup Meets Standard: True  
Investigator: WALEK FD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 07/06/89  
Reported to Department Time: 10:54  
SWIS: 28  
Spiller Contact: MIKE CALINOFF  
Spiller Phone: (516) 826-7800  
Spiller Extention: Not reported  
Spiller Name: AUTO SPA  
Spiller Address: 343 GREAT NECK ROAD  
Spiller City,St,Zip: GREAT NECK, NY 11021-  
Spiller Cleanup Date: / /

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AUTO SPA (Continued)**

**S100169422**

Facility Contact: MIKE CALINOFF  
Facility Phone: (516) 253-2400  
Facility Extention: Not reported  
Spill Notifier: Federal Government  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 07/10/89  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 05/10/99  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 175  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 175  
Unkonwn Quantity Recovered: False  
Material: MOTOR OIL  
Class Type: MOTOR OIL  
Times Material Entry In File: 508  
CAS Number: Not reported  
Last Date: 19940728

DEC Remarks: 07/06/89 1100: Coast Guard reports find of 30 gal gasoline from ruptured tank. AutoSpa hiring Fire contractor. 07/06/89 1200: As per Nassau County Fire Marshal- Approx 100-200 gal MOTOR OIL lost, mostly on road. Approx 30gal in drainage. 07/06/891220: Nassau County Health on scene- Only sheen in drainage. 07/06/89 1225: As per Nassau County Fire Marshal- Estimate of 100-200gal is inaccurate. 07/06/89 1235: Called AutoSpa station 466-4254)- They are obtaining quotes from contractors.NCFM and NCPD still present; NCHD left. 07/06/89 1235: As per NCFM- Plug came out bottom of 250gal motor oil tank. Approx 150-200gal lost, mostly on ground. Unk amount in storm drain. Drain was diked. Area speedi-dried. 07/06/89 1500: DEC Walek) on scene- Product flowed down parking lot, into storm drain, and into creek leading to Manhasset Bay. Booms deployed in the creek and bay. Fenley Nicol to vac up for AutoSpa. AutoSpa to clean their parking lot. Recovered approx 175gal from the creek. Approx 75gal remained in the tank. Unstated amount of solids generated. 07/10/89: Walek checked creek- ok. Sorbents to be removed. Speedi-dri still to be removed from parking lot. 07/24/89: Walek checked site- ok. 08/02/89: File closed. \*\*\*NOTE: SEE ALSO 9000664 HERE- 14 DRUMS FOUND ON SITE. CONTAIN WASTE OIL , OILY DEBRIS , CONTAMINATED SPEEDI-DRI ETC. RELATED TO 8903434? SEE IT FOR FULL HISTORY.

Spill Cause: RUPTURED TANK,SOME SPILLED IN S.D. HAVE BLOCKED DRAIN W/SAND, DIRT AND SPEEDY DRY. SAFETY KLEEN WILL BE ON SCENE HIRED BY AUTO SPA CORP. NCDH TO CHECK C/BK W/DETAILS

SPILLS:

Facility ID: 9000664  
DER Facility ID: 120811

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AUTO SPA (Continued)**

**S100169422**

Facility Type: ER  
Site ID: 141507  
DEC Region: 1  
Spill Date: 2/7/1990  
Spill Number/Closed Date: 9000664 / 10/9/1990  
Spill Cause: Housekeeping  
Spill Class: Not reported  
SWIS: 3000  
Investigator: GIBBONS  
Referred To: Not reported  
Reported to Dept: 4/19/1990  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: Health Department  
Cleanup Ceased: 10/9/1990  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 4/23/1990  
Spill Record Last Update: 7/3/1998  
Spiller Name: Not reported  
Spiller Company: AUTO SPA  
Spiller Address: 343 GREAT NECK ROAD  
Spiller City,St,Zip: GREAT NECK, NY 11021-001  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: (516) 829-7800  
DEC Memo: Not reported  
Remarks: 14-55 GAL DRUMS CONTAINING CONT BOXES, PAPERS, SPEEDY DRY ETC. THREE POTHLES IN BACK OF BLDING HAS GREEN FLUID DRUMS ON PAVEMENT. WHOLE LOT IS PAVED WITH EXCEPTION OF POTHLES

Material:

Site ID: 141507  
Operable Unit ID: 939003  
Operable Unit: 01  
Material ID: 439037  
Material Code: 0022  
Material Name: Waste Oil/Used Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

NY Hist Spills:

Region of Spill: 1  
Spill Number/Closed Date: 9000664 / 10/09/90  
Investigator: GIBBONS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AUTO SPA (Continued)**

**S100169422**

Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 02/07/1990 12:00  
Reported to Dept Date/Time: 04/19/90 11:44  
SWIS: 28  
Spiller Name: AUTO SPA  
Spiller Contact: Not reported  
Spiller Phone: (516) 829-7800  
Spiller Phone: (516) 829-7800  
Spiller Address: 343 GREAT NECK ROAD  
Spiller City,St,Zip: GREAT NECK, NY 11021-  
Spill Cause: Housekeeping  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 01  
Spill Notifier: Health Department  
PBS Number: Not reported  
Cleanup Ceased: 10/09/90  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Not reported  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 04/23/90  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 07/03/98  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: WASTE OIL  
Class Type: WASTE OIL  
Times Material Entry In File: 9509  
CAS Number: Not reported  
Last Date: 19940927

DEC Remarks: 04/19/90: Nassau County Health reported finding 14 drums at site. Contain waste oil -contaminated papers, speedi-dri, etc. Also found 3 potholes in back of building with green fluid . 04/24/90 A): DEC Mancilla) checked site- ACTUALLY FOUND 21 DRUMS. THREE WERE EMPTY. REST CONTAINED WASTE OIL OR OILY DEBRIS . 04/24/90 B): Spoke to manager- Requested removal of the impacted soil and the drums. 05/16/90: Mancilla checked site- Drums still present. Manager said a truck coming from the principal office picked up all

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AUTO SPA (Continued)**

**S100169422**

Remark: the contamination to dispose of it somewhere . 07/31/90: DEC Gibbons) called AutoSpa- HAVE FILED CHAPTER 11 BANKRUPTCY. 08/03/90: Gibbons checked site- Soil contamination and drums still present. New management said they were making cleanup arrangements. 10/01/90: Gibbons checked site- ok. 10/09/90: File closed. \*\*\*NOTE: SEE ALSO 8903434 HERE- SPILL OF APPROX 175 GALLONS OF VIRGIN MOTOR OIL ONTO PARKING LOT AND INTO DRAINAGE, CREEK, AND BAY. IS THIS THE SOURCE OF THE DRUMS? SEE IT FOR FULL HISTORY.  
 14-55 GAL DRUMS CONTAINING CONT BOXES, PAPERS, SPEEDY DRY ETC. THREE POTHOLES IN BACK OF BLDING HAS GREEN FLUID DRUMS ON PAVEMENT. WHOLE LOT IS PAVED WITH EXCEPTION OF POTHOLES

**63**  
 North  
 1/4-1/2  
 0.292 mi.  
 1541 ft.

**ACE AUTO BODY & TOWING CORP**  
**3 E SHORE RD**  
**MANHASSET, NY 11030**

**RCRA NonGen / NLR** **1000102744**  
**FINDS** **NYD986889129**  
**HIST LTANKS**  
**MANIFEST**  
**NY Spills**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007

Facility name: ACE AUTO BODY & TOWING CORP

Facility address: 3 E SHORE RD  
 MANHASSET, NY 110302995

EPA ID: NYD986889129  
 Mailing address: E SHORE RD  
 MANHASSET, NY 11030

Contact: Not reported  
 Contact address: E SHORE RD  
 MANHASSET, NY 11030

Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported

EPA Region: 02  
 Land type: Facility is not located on Indian land. Additional information is not known.  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: FRANK SASSA  
 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

Owner/operator name: FRANK SASSA  
 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE AUTO BODY & TOWING CORP (Continued)**

**1000102744**

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  
Facility name: ACE AUTO BODY & TOWING CORP  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Facility name: ACE AUTO BODY & TOWING CORP  
Classification: Not a generator, verified

Date form received by agency: 01/29/1990  
Facility name: ACE AUTO BODY & TOWING CORP  
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/16/1997  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

FINDS:

Registry ID: 110004441747

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.

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 8904894 / 05/04/90  
Spill Date: 08/15/1989



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE AUTO BODY & TOWING CORP (Continued)**

**1000102744**

Spill Time: 12:00  
Spill Cause: Tank Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 05/04/90  
Cleanup Meets Standard: True  
Investigator: ACAMPORA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 08/15/89  
Reported to Department Time: 12:00  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: ACE AUTO BODY SHOP  
Spiller Address: 3 EAST SHORE ROAD  
Spiller City,St,Zip: MANHASSET, NY 11030  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: DEC  
PBS Number: Not reported  
Last Inspection: 08/16/89  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True  
Date Region Sent Summary to Central Office: 11/25/97  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 08/18/89  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 12/31/97  
Is Updated: False

**Tank:**

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ACE AUTO BODY & TOWING CORP (Continued)

1000102744

CAS Number: Not reported

Last Date: 19940929

DEC Remarks: / / : \*\*\*NOTE: NOT KNOWN WHETHER ANY OTHER DEC UNIT INVESTIGATED, OR WHETHER ANY LOCAL AGENCIES INVESTIGATED FURTHER, BROUGHT LEGAL ACTION, ETC. / / : \*\*\*NOTE: SEE ALSO 8807427- SOLVENT ODOR IN UTILITY TRENCH. SUSPECT IT MAY BE CONNECTED TO8904894. HISTORY OF 8807427 IS UNDER 8807427. 08/15/89: A: NASSAU CTY HEALTH CASE UNK) NOTIFIES DEC OF CONTAMINATION FOUND UPON ROUTINE REMOVAL OF 3 4K GAS TANKS. 08/15/89: B: DEC ACAMPORA) RESPONDED- MET NCHD, NCDPW, AND TANK SPECIALISTS. 08/15/89: C: PROPERTY OWNER- WILLIAM ZACCARIA 3 EAST SHORE REALTY CORP. 241 E SHORE RD GREAT NECK NY 11023 516-487-1602. 08/15/89: D: NORTH TANK OUT- NO HOLES FOUND. MINOR ODOR GAS?) IN EXCAVATION. SECOND MIDDLE?) TANK REMOVED- NO HOLES FOUND.ODOR GAS?) IN EXCAVATION. 08/16/89: A: DEC ACAMPORA PARISH), NCDPW, NCFM, AND TANK SPECIALISTS ON SITE- LAST SOUTH?) TANK REMOVED- 2 HOLES FOUND. CONTAMINATION IN EXCAVATION. OLD GAS ODOR. 08/16/89: B: DPW AND DEC TOOK SAMPLES OF TANK BOTTOMS FOR ANALYSES. SUSPECT MAY BE SOLVENTS PRESENT. \*\*\*SEE 8807427- SOLVENTS IN UTILITY TRENCH NEXT DOOR\*\*\*. 08/16/89: C: ALSO FOUND 3 OLD FILL PIPES IN SIDEWALK IN FRONT OF BUILDING. 08/17/89: PARISH AND TANK SPECIALISTS ON SITE: DUG TO APPROX 23FT. CLOSE TO OR IN WATER. NO ODOR OR SHEEN ON SAND. REMOVED APPROX 80-100CY? INDICATES CLEANUP SATISFACTORY. 08/21/89: A: RECEIVE INFO FROM NCDPW- SITE MAP SHOWING ACE AUTO BODY IN RELATION TO SPILL 8807427, LILCO LAB DATA FROM THE UTILITY TRENCH, NCHD DATA FROM SAME, AND COPY OF ACRYLIC LACQUER LABEL FROM ACE. 08/21/89: B: ...STILL UNRESOLVED ISSUE AT THIS SITE IS MOST PROBABLY A WASTE SOLVENT DISPOSAL PROBLEM. REQUEST ASSISTANCE IN GETTING APPROPRIATE REGULATORY AUTHORITY INVOLVED.08/21/89: C: NCDPW PERFORMED SOIL GAS SURVEY 4MAY89. FOUND WHAT APPEARED TO BE 2 REMOTE FILLS. UPON OPENING CAPS, ENCOUNTERED STRONG SOLVENT ODOR. 08/21/89: D: LILCO DATA FROM 8707427 FOUND 520PPB METHYLENE CHLORIDE, 29000PPB ACETONE, 21000PPB 4METHYL2PENTANONE, 110000PPB TOLUENE, 10000PPB ETHYLBENZENE, AND 62000PPB XYLENES IN SOIL AROUND DRAIN. 08/21/89: E: NCHD DATA FROM 8807427 FOUND ACETONE, METHYL ACETATE, METHYL ETHYL KETONE, ETHYL ACETATE, ISOPROPYL ACETATE, METHYL METHACRYLATE, METHYL ISOBUTYL KETONE, TOLUENE,. 08/21/89: F: N-BUTYL ACETATE, ETHYLBENZENE, AND XYLENES IN THE LIQUID. NOT ANALYZED FOR AMOUNTS). 08/21/89: G: NCHD FOUND 110000PPB TOLUENE, 3600PPB ETHYLBENZENE, AND 23000PPB XYLENES IN THE SOIL AROUND THE DRAIN. 08/22/89: REG SPILL ENGR MEMO TO REG WATER ENGR: RECOMMEND INVESTIGATING POSSIBLE ECL SPDES, ETC) VIOLATIONS. SUGGEST EITHER DEC OR NCHD DO THIS. NOT KNOWN IF THIS WAS DONE. 08/30/89: RECEIVE PEDNEAULT DATA OF 17AUG: ALL THREE SAMPLES ARE GASOLINE. SINCE PURE PRODUCT, COULD NOT DO EPA 601 602 TO CHECK FOR CHLORINATEDS AND BTEX). 09/29/89: SPDES SAYS NCDPW PERFORMED DYE TEST ON FLOOR DRAINS IN ACE AUTO AND FOUND THEM CONNECTED TO STORM DRAINAGE. REFERRING FOR OTHER ACTION TO STATE MEANING NCDPW IS REFERRING?). 10/02/89: NCFM CALLED A): THE THREE UNKNOWN FILL PIPES IN SIDEWALK WERE OPENED. FOUND 3 TANKS UNSTATED SIZE) WITH UNK LIQUID. NCFM TO REQUEST LANDLORD TO REMOVE OR ABANDON THEM. 10/02/89: B: NOT KNOWN WHAT HAPPENED TO THESE. 05/01/90: PARISH MEMO TO ECO WAGNER: GIVES SUMMARY. 05/04/90: WILLIAM ZACCARIA ATTORNEY 241 E SHORE RD GREAT NECK NY 11023 516-487-1602) SENDS COPIES OF DISPOSAL RECEIPTS. 06/09/97: DEC SPILLS TO CLOSE REGIONAL FILE: CLEANUP SATISFACTORY; NO FURTHER REMEDIAL ACTION NEEDED AT THIS TIME.

Spill Cause: CONTAMINATION FOUND DURING ROUTINE REMOVAL OF 3 4K TANKS. \*\*\*THIS MAY BE CONNECTED TO 8807427 SOLVENTS IN UTILITY TRENCH 20 E SHORE)\*\*\*

NY MANIFEST:

EPA ID: NYD986889129  
Country: USA  
Mailing Name: BODYWORKS UNLIMITED  
Mailing Contact: FRANK

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE AUTO BODY & TOWING CORP (Continued)**

**1000102744**

Mailing Address: 3 EAST SHORE ROAD  
Mailing Address 2: Not reported  
Mailing City: MANHASSET  
Mailing State: NY  
Mailing Zip: 11030  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 516-627-6422

Document ID: NJA1490979  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS103  
Trans2 State ID: Not reported  
Generator Ship Date: 920720  
Trans1 Recv Date: 920720  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920721  
Part A Recv Date: Not reported  
Part B Recv Date: 920730  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: NJD986608941  
Trans2 EPA ID: Not reported  
TSD ID: NJD002454544  
Waste Code: F003 - UNKNOWN  
Quantity: 00045  
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: 92

Document ID: NJA2062358  
Manifest Status: Completed copy  
Trans1 State ID: 10339  
Trans2 State ID: Not reported  
Generator Ship Date: 950320  
Trans1 Recv Date: 950320  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 950323  
Part A Recv Date: 950331  
Part B Recv Date: 950331  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: NJD986608941  
Trans2 EPA ID: Not reported  
TSD ID: NJD002454544  
Waste Code: F003 - UNKNOWN  
Quantity: 00055  
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: 95

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE AUTO BODY & TOWING CORP (Continued)**

**1000102744**

Document ID: NJA0963497  
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: 901112  
Trans1 Recv Date: 901112  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 901113  
Part A Recv Date: 901211  
Part B Recv Date: 901214  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: NJD980787147  
Trans2 EPA ID: Not reported  
TSDf ID: NJD002454544  
Waste Code: F003 - UNKNOWN  
Quantity: 00050  
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: 90

Document ID: NJA1702948  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS103  
Trans2 State ID: Not reported  
Generator Ship Date: 930719  
Trans1 Recv Date: 930719  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 930721  
Part A Recv Date: 930729  
Part B Recv Date: 930806  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: NJD986608941  
Trans2 EPA ID: Not reported  
TSDf ID: NJD002454544  
Waste Code: F003 - UNKNOWN  
Quantity: 00050  
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: 93

Document ID: NJA1190499  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS103  
Trans2 State ID: Not reported  
Generator Ship Date: 911007  
Trans1 Recv Date: 911007  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 911008  
Part A Recv Date: 911028

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE AUTO BODY & TOWING CORP (Continued)**

**1000102744**

Part B Recv Date: 911101  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: NJD986608941  
Trans2 EPA ID: Not reported  
TSD ID: NJD002454544  
Waste Code: F003 - UNKNOWN  
Quantity: 00055  
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: 91

Document ID: NJA1608174  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS103  
Trans2 State ID: Not reported  
Generator Ship Date: 940621  
Trans1 Recv Date: 940621  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 940622  
Part A Recv Date: 940630  
Part B Recv Date: 940706  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: NJD986608941  
Trans2 EPA ID: Not reported  
TSD ID: NJD002454544  
Waste Code: F003 - UNKNOWN  
Quantity: 00045  
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: 94

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD064748304  
Trans2 State ID: NJD080631369  
Generator Ship Date: 2009-03-23  
Trans1 Recv Date: 2009-03-23  
Trans2 Recv Date: 2009-03-24  
TSD Site Recv Date: 2009-03-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 220.0  
Units: P - Pounds  
Number of Containers: 1.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE AUTO BODY & TOWING CORP (Continued)**

**1000102744**

Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2009  
Manifest Tracking Num: 004718686JJK  
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: NJA1393831  
Manifest Status: Completed copy  
Trans1 State ID: NJDEPS103  
Trans2 State ID: Not reported  
Generator Ship Date: 920316  
Trans1 Recv Date: 920316  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 920317  
Part A Recv Date: 920330  
Part B Recv Date: 920327  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: NJD986608941  
Trans2 EPA ID: Not reported  
TSD ID: NJD002454544  
Waste Code: F003 - UNKNOWN  
Quantity: 00110  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: R Material recovery of more than 75 percent of the total material.  
Specific Gravity: 100  
Year: 92

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD064748304  
Trans2 State ID: NJD080631369  
Generator Ship Date: 2009-03-23  
Trans1 Recv Date: 2009-03-23  
Trans2 Recv Date: 2009-03-24  
TSD Site Recv Date: 2009-03-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE AUTO BODY & TOWING CORP (Continued)**

**1000102744**

Quantity: 220.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2009  
Manifest Tracking Num: 004718686JJK  
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: NYD064748304  
Trans2 State ID: NJD080631369  
Generator Ship Date: 2009-03-23  
Trans1 Recv Date: 2009-03-23  
Trans2 Recv Date: 2009-03-24  
TSD Site Recv Date: 2009-03-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 220.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2009  
Manifest Tracking Num: 004718686JJK  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE AUTO BODY & TOWING CORP (Continued)**

**1000102744**

Document ID: Not reported  
Manifest Status: Not reported  
Trans1 State ID: NYD064748304  
Trans2 State ID: NJD080631369  
Generator Ship Date: 2009-03-23  
Trans1 Recv Date: 2009-03-23  
Trans2 Recv Date: 2009-03-24  
TSD Site Recv Date: 2009-03-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 220.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2009  
Manifest Tracking Num: 004718686JJK  
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: NYD064748304  
Trans2 State ID: NJD080631369  
Generator Ship Date: 2009-11-04  
Trans1 Recv Date: 2009-11-04  
Trans2 Recv Date: 2009-11-11  
TSD Site Recv Date: 2009-11-13  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 450.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE AUTO BODY & TOWING CORP (Continued)**

**1000102744**

Year: 2009  
Manifest Tracking Num: 004718129JJK  
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: NYD064748304  
Trans2 State ID: NJD080631369  
Generator Ship Date: 2010-10-20  
Trans1 Recv Date: 2010-10-20  
Trans2 Recv Date: 2010-10-27  
TSD Site Recv Date: 2010-10-27  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 400.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2010  
Manifest Tracking Num: 006657855JJK  
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: NYD064748304  
Trans2 State ID: NJD080631369  
Generator Ship Date: 2011-02-23  
Trans1 Recv Date: 2011-02-23

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE AUTO BODY & TOWING CORP (Continued)**

**1000102744**

Trans2 Recv Date: 2011-03-02  
TSD Site Recv Date: 2011-03-07  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 400.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: L Landfill.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 006651023JJK  
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: NYD064748304  
Trans2 State ID: NJD080631369  
Generator Ship Date: 2011-06-09  
Trans1 Recv Date: 2011-06-09  
Trans2 Recv Date: 2011-06-15  
TSD Site Recv Date: 2011-06-16  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: NYD986889129  
Trans1 EPA ID: Not reported  
Trans2 EPA ID: Not reported  
TSD ID: NJD980536593  
Waste Code: Not reported  
Quantity: 400.0  
Units: P - Pounds  
Number of Containers: 1.0  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1.0  
Year: 2011  
Manifest Tracking Num: 006651166JJK  
Import Ind: N  
Export Ind: N  
Discr Quantity Ind: N  
Discr Type Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACE AUTO BODY & TOWING CORP (Continued)**

**1000102744**

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

**SPILLS:**

Facility ID: 8904894  
DER Facility ID: 76949  
Facility Type: ER  
Site ID: 83640  
DEC Region: 1  
Spill Date: 8/15/1989  
Spill Number/Closed Date: 8904894 / 5/4/1990  
Spill Cause: Equipment Failure  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 3022  
Investigator: NJACAMPO  
Referred To: Not reported  
Reported to Dept: 8/15/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: DEC  
Cleanup Ceased: 5/4/1990  
Cleanup Meets Std: True  
Last Inspection: 8/16/1989  
Recommended Penalty: False  
UST Trust: True  
Remediation Phase: 0  
Date Entered In Computer: 8/18/1989  
Spill Record Last Update: 10/22/2008  
Spiller Name: Not reported  
Spiller Company: ACE AUTO BODY SHOP  
Spiller Address: 3 EAST SHORE ROAD  
Spiller City,St,Zip: MANHASSET, NY 11030  
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 "ACAMPORA" // : \*\*\*NOTE: NOT KNOWN WHETHER ANY OTHER DEC UNIT INVESTIGATED, OR WHETHER ANY LOCAL AGENCIES INVESTIGATED FURTHER, BROUGHT LEGAL ACTION, ETC. // : \*\*\*NOTE: SEE ALSO 8807427- SOLVENT ODOR IN UTILITY TRENCH. SUSPECT IT MAY BE CONNECTED TO 8904894. HISTORY OF 8807427 IS UNDER 8807427. 08/15/89: A: NASSAU CTY HEALTH (CASE # UNK) NOTIFIES DEC OF CONTAMINATION FOUND UPON ROUTINE REMOVAL OF 3 4K GAS TANKS. 08/15/89: B: DEC (ACAMPORA) RESPONDED- MET NCHD, NCDPW, AND TANK SPECIALISTS. 08/15/89: C: PROPERTY OWNER- WILLIAM ZACCARIA 3 EAST SHORE REALTY CORP. 241 E SHORE RD GREAT NECK NY 11023 516-487-1602. 08/15/89: D: NORTH TANK OUT- NO HOLES FOUND. MINOR ODOR (GAS?) IN EXCAVATION. "SECOND" (MIDDLE?) TANK REMOVED- NO HOLES FOUND. ODOR (GAS?) IN EXCAVATION. 08/16/89: A: DEC (ACAMPORA & PARISH), NCDPW, NCFM, AND TANK SPECIALISTS ON SITE- LAST (SOUTH?) TANK REMOVED- 2 HOLES FOUND. CONTAMINATION IN EXCAVATION. "OLD GAS"

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ACE AUTO BODY & TOWING CORP (Continued)

1000102744

ODOR. 08/16/89: B: DPW AND DEC TOOK SAMPLES OF TANK BOTTOMS FOR ANALYSES. SUSPECT MAY BE SOLVENTS PRESENT. \*\*\*SEE 8807427- SOLVENTS IN UTILITY TRENCH NEXT DOOR\*\*\*. 08/16/89: C: ALSO FOUND 3 OLD FILL PIPES IN SIDEWALK IN FRONT OF BUILDING. 08/17/89: PARISH AND TANK SPECIALISTS ON SITE: DUG TO APPROX 23FT. CLOSE TO OR IN WATER. NO ODOR OR SHEEN ON SAND. REMOVED APPROX 80-100CY? INDICATES CLEANUP SATISFACTORY. 08/21/89: A: RECEIVE INFO FROM NCDPW- SITE MAP SHOWING ACE AUTO BODY IN RELATION TO SPILL 8807427, LILCO LAB DATA FROM THE UTILITY TRENCH, NCHD DATA FROM SAME, AND COPY OF ACRYLIC LACQUER LABEL FROM ACE. 08/21/89: B: "...STILL UNRESOLVED ISSUE AT THIS SITE IS MOST PROBABLY A WASTE SOLVENT DISPOSAL PROBLEM". REQUEST ASSISTANCE IN GETTING "APPROPRIATE REGULATORY AUTHORITY" INVOLVED. 08/21/89: C: NCDPW PERFORMED SOIL GAS SURVEY 4MAY89. FOUND WHAT APPEARED TO BE 2 REMOTE FILLS. UPON OPENING CAPS, ENCOUNTERED STRONG SOLVENT ODOR. 08/21/89: D: LILCO DATA FROM 8707427 FOUND 520PPB METHYLENE CHLORIDE, 29000PPB ACETONE, 21000PPB 4METHYL2PENTANONE, 110000PPB TOLUENE, 10000PPB ETHYLBENZENE, AND 62000PPB XYLENES IN SOIL AROUND DRAIN. 08/21/89: E: NCHD DATA FROM 8807427 FOUND ACETONE, METHYL ACETATE, METHYL ETHYL KETONE, ETHYL ACETATE, ISOPROPYL ACETATE, METHYL METHACRYLATE, METHYL ISOBUTYL KETONE, TOLUENE.,08/21/89: F: N-BUTYL ACETATE, ETHYLBENZENE, AND XYLENES IN THE LIQUID. (NOT ANALYZED FOR AMOUNTS). 08/21/89: G: NCHD FOUND 110000PPB TOLUENE, 3600PPB ETHYLBENZENE, AND 23000PPB XYLENES IN THE SOIL AROUND THE DRAIN. 08/22/89: REG SPILL ENGR MEMO TO REG WATER ENGR: RECOMMEND INVESTIGATING POSSIBLE ECL (SPDES, ETC) VIOLATIONS. SUGGEST EITHER DEC OR NCHD DO THIS. NOT KNOWN IF THIS WAS DONE. 08/30/89: RECEIVE PEDNEAULT DATA OF 17AUG: ALL THREE SAMPLES ARE GASOLINE. (SINCE PURE PRODUCT, COULD NOT DO EPA 601 & 602 TO CHECK FOR CHLORINATEDS AND BTEX). 09/29/89: SPDES SAYS NCDPW PERFORMED DYE TEST ON FLOOR DRAINS IN ACE AUTO AND FOUND THEM CONNECTED TO STORM DRAINAGE. "REFERRING FOR OTHER ACTION TO STATE" (MEANING NCDPW IS REFERRING?). 10/02/89: NCFM CALLED (A): THE THREE UNKNOWN FILL PIPES IN SIDEWALK WERE OPENED. FOUND 3 TANKS (UNSTATED SIZE) WITH UNK LIQUID. NCFM TO REQUEST LANDLORD TO REMOVE OR ABANDON THEM. 10/02/89: B: NOT KNOWN WHAT HAPPENED TO THESE. 05/01/90: PARISH MEMO TO ECO WAGNER: GIVES SUMMARY. 05/04/90: WILLIAM ZACCARIA (ATTORNEY 241 E SHORE RD GREAT NECK NY 11023 516-487-1602) SENDS COPIES OF DISPOSAL RECEIPTS. 06/09/97: DEC SPILLS TO CLOSE REGIONAL FILE: CLEANUP SATISFACTORY; NO FURTHER REMEDIAL ACTION NEEDED AT THIS TIME. ALSO SEE 88-07427

Remarks:

CONTAMINATION FOUND DURING ROUTINE REMOVAL OF 3 4K TANKS. \*\*\*THIS MAY BE CONNECTED TO 8807427 (SOLVENTS IN UTILITY TRENCH 20 E SHORE)\*\*\* HOLE IN SOUTHERN TANK, CONTAMINATION FOUND

Material:

Site ID: 83640  
Operable Unit ID: 930159  
Operable Unit: 01  
Material ID: 448922  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ACE AUTO BODY & TOWING CORP (Continued)

1000102744

Tank Test:

64  
West  
1/4-1/2  
0.347 mi.  
1834 ft.

BILL SCHMIRGAL (OWNER)  
777 NORTHERN BLVD  
GREAT NECK, NY

HIST LTANKS  
NY Spills  
S102140442  
N/A

Relative:  
Higher

HIST LTANKS:

Actual:  
197 ft.

Region of Spill: 1  
Spill Number/Closed Date: 9500119 / 04/21/97  
Spill Date: 04/04/1995  
Spill Time: 11:30  
Spill Cause: Tank Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Unknown Responsible Party. Corrective action taken. (ISR)  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Investigator: DECANDIA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 04/04/95  
Reported to Department Time: 11:53  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: BILL SCHMIRGAL (OWNER)  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Citizen  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 04/05/95  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 04/23/97  
Is Updated: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BILL SCHMIRGAL (OWNER) (Continued)**

**S102140442**

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: WASTE OIL  
Class Type: WASTE OIL  
Times Material Entry In File: 9509  
CAS Number: Not reported  
Last Date: 19940927  
DEC Remarks: Not reported  
Spill Cause: BLDG IS BEING GUTTED, CRUSHERS ARE CRUSHING OLD WASTE OIL DRUMS, TRUCKS ARE CARTING AWAY THE OLD DRUMS, WASTE OIL IS SPILLING ALL OVER THE PLACE

SPILLS:

Facility ID: 9500119  
DER Facility ID: 69699  
Facility Type: ER  
Site ID: 74204  
DEC Region: 1  
Spill Date: 4/4/1995  
Spill Number/Closed Date: 9500119 / 4/21/1997  
Spill Cause: Other  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)

SWIS: 3022  
Investigator: RDDECAND  
Referred To: Not reported  
Reported to Dept: 4/4/1995  
CID: Not reported  
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: 4/5/1995  
Spill Record Last Update: 1/4/2011  
Spiller Name: Not reported  
Spiller Company: BILL SCHMIRGAL (OWNER)  
Spiller Address: Not reported  
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 "DECANDIA"DISPOSAL REC:VD

Remarks: BLDG IS BEING GUTTED, CRUSHERS ARE CRUSHING OLD WASTE OIL DRUMS, TRUCKS ARE CARTING AWAY THE OLD DRUMS, WASTE OIL IS SPILLING ALL OVER THE PLACE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BILL SCHMIRGAL (OWNER) (Continued)**

**S102140442**

Material:

Site ID: 74204  
Operable Unit ID: 1014239  
Operable Unit: 01  
Material ID: 368735  
Material Code: 0022  
Material Name: Waste Oil/Used Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

**I65**  
**NNE**  
**1/4-1/2**  
**0.356 mi.**  
**1878 ft.**

**MOBIL**  
**MAPLE AVE & NORTHERN BLVD**  
**MANHASSET, NY**

**LTANKS** **S101658123**  
**HIST LTANKS** **N/A**

**Site 1 of 3 in cluster I**

**Relative:**  
**Lower**

LTANKS:

**Actual:**  
**25 ft.**

Site ID: 122260  
Spill Number/Closed Date: 9504921 / 8/13/1996  
Spill Date: 7/23/1995  
Spill Cause: Tank Failure  
Spill Source: Gasoline Station  
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: 3000  
Investigator: SCHULZ  
Referred To: Not reported  
Reported to Dept: 7/23/1995  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Police Department  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 7/25/1995  
Spill Record Last Update: 8/14/1996  
Spiller Name: Not reported  
Spiller Company: MOBIL  
Spiller Address: MAPLE AVE & NORTHERN BLVD  
Spiller City,St,Zip: MANHASSET, ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 106018

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL (Continued)**

**S101658123**

DEC Memo: Not reported  
Remarks: HEAVY RAIN CAUSED OVERFLOW OF U/G TANK, 2 POLICE UNITS ON SCENE, NCFM RESPONDING, NEW INSTALLATION, LIMITED INFO

Material:  
Site ID: 122260  
Operable Unit ID: 1015833  
Operable Unit: 01  
Material ID: 366447  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 9504921 / 08/13/96  
Spill Date: 07/23/1995  
Spill Time: 19:00  
Spill Cause: Tank Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Gas Station  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Investigator: SCHULZ  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 07/23/95  
Reported to Department Time: 22:56  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: MOBIL  
Spiller Address: MAPLE AVE & NORTHERN BLVD  
Spiller City,St,Zip: MANHASSET  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL (Continued)**

**S101658123**

Facility Extension: Not reported  
Spill Notifier: Police Department  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: True  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 07/25/95  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 08/14/96  
Is Updated: False

**Tank:**

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: TYREE HIRED BY RP TO PERFORM THE CLEANUP  
Spill Cause: HEAVY RAIN CAUSED OVERFLOW OF U/G TANK, 2 POLICE UNITS ON SCENE, NCFM RESPONDING, NEW INSTALLATION, LIMITED INFO

**I66**  
**NNE**  
**1/4-1/2**  
**0.357 mi.**  
**1884 ft.**

**MOBIL OIL CORP SS #K5X**  
**1111 NORTHERN BLVD**  
**MANHASSET, NY 11030**  
**Site 2 of 3 in cluster I**

**RCRA NonGen / NLR** **1000553540**  
**FINDS** **NYD986959617**  
**HIST LTANKS**  
**UST**  
**MANIFEST**

**Relative:**  
**Lower**

**RCRA NonGen / NLR:**

**Actual:**  
**25 ft.**

Date form received by agency: 01/01/2007  
Facility name: MOBIL OIL CORP SS #K5X  
Facility address: 1111 NORTHERN BLVD  
MANHASSET, NY 110303025  
EPA ID: NYD986959617  
Mailing address: GALLOWS RD MKTG ENVIRON  
FAIRFAX, NY 220370001  
Contact: Not reported  
Contact address: GALLOWS RD MKTG ENVIRON  
FAIRFAX, NY 220370001  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #K5X (Continued)**

**1000553540**

Owner/Operator Summary:

Owner/operator name: MOBIL OIL CORP  
Owner/operator address: 3225 GALLOWS RD  
FAIRFAX, VA 22037  
Owner/operator country: US  
Owner/operator telephone: (703) 849-3330  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: MOBIL OIL CORP  
Owner/operator address: 3225 GALLOWS RD  
FAIRFAX, VA 22037  
Owner/operator country: US  
Owner/operator telephone: (703) 849-3330  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006  
Facility name: MOBIL OIL CORP SS #K5X  
Classification: Not a generator, verified

Date form received by agency: 07/08/1999  
Facility name: MOBIL OIL CORP SS #K5X  
Classification: Not a generator, verified

Date form received by agency: 04/10/1991  
Facility name: MOBIL OIL CORP SS #K5X  
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004470572

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #K5X (Continued)**

**1000553540**

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.

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 8200130 / 09/12/96  
Spill Date: 04/19/1982  
Spill Time: 16:30  
Spill Cause: Tank Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Unknown  
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)  
Cleanup Ceased: / /  
Cleanup Meets Standard: False  
Investigator: DEROSA WELL  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 04/20/82  
Reported to Department Time: 10:05  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: MOBIL  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extention: Not reported  
Spill Notifier: Other  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 03/02/92  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 07/07/97  
Is Updated: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #K5X (Continued)**

**1000553540**

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: UNKNOWN PETROLEUM  
Class Type: UNKNOWN PETROLEUM  
Times Material Entry In File: 16414  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: 03/02/92: CHANGED OVER TO HAAS AS INVESTIGATOR.  
Spill Cause: DOT INVEST PRODUCT REMOVED FROM TANK, LEAKING U/G TANK

NCFM UST:

Batt/Dept: 87  
Location Id: 202167  
Unit Type: HC  
Vendor: MOBIL  
Installed Date: 10/01/1984  
Last Test Date: 05/19/2010  
Status: Active  
Tank Contents: 30120303

Batt/Dept: 87  
Location Id: 202167  
Unit Type: HC  
Vendor: MOBIL  
Installed Date: 10/01/1984  
Last Test Date: 05/19/2010  
Status: Active  
Tank Contents: 30120303

Batt/Dept: 87  
Location Id: 202167  
Unit Type: HC  
Vendor: MOBIL  
Installed Date: 10/01/1984  
Last Test Date: 05/19/2010  
Status: Active  
Tank Contents: 30120305

NY MANIFEST:

EPA ID: NYD986959617  
Country: USA  
Mailing Name: MOBIL OIL CORP  
Mailing Contact: JOE CAPPORRICI  
Mailing Address: 1111 NORTHERN BLVD  
Mailing Address 2: Not reported  
Mailing City: MANHASSET  
Mailing State: NY  
Mailing Zip: 11030  
Mailing Zip4: 3025

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL OIL CORP SS #K5X (Continued)**

**1000553540**

Mailing Country: USA  
Mailing Phone: 516-488-2500  
  
Document ID: CTF0348421  
Manifest Status: Completed copy  
Trans1 State ID: XG2539NY  
Trans2 State ID: Not reported  
Generator Ship Date: 941212  
Trans1 Recv Date: 941212  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 941214  
Part A Recv Date: 950106  
Part B Recv Date: 941229  
Generator EPA ID: NYD986959617  
Trans1 EPA ID: NYD173735192  
Trans2 EPA ID: Not reported  
TSDF ID: CTD000604488  
Waste Code: D008 - LEAD 5.0 MG/L TCLP  
Quantity: 00165  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 94

**167  
NNE  
1/4-1/2  
0.357 mi.  
1884 ft.**

**EXXON MOBIL K5X  
1111 NORTHERN BLVD  
MANHASSET, NY  
Site 3 of 3 in cluster I**

**LTANKS S104788237  
NY Spills N/A  
NY Hist Spills**

**Relative:  
Lower**

LTANKS:  
Site ID: 227765  
Spill Number/Closed Date: 0212597 / 4/13/2012  
Spill Date: 3/21/2003  
Spill Cause: Tank Test Failure  
Spill Source: Gasoline Station  
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: 3022  
Investigator: CAENGELH  
Referred To: Not reported  
Reported to Dept: 3/21/2003  
CID: 422  
Water Affected: Not reported  
Spill Notifier: Responsible Party  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 3/21/2003  
Spill Record Last Update: 4/14/2012  
Spiller Name: STEVE KELLY  
Spiller Company: MOBIL

**Actual:  
25 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON MOBIL K5X (Continued)**

**S104788237**

Spiller Address: 1502 BALLTOWN ROAD  
Spiller City,St,Zip: SCHENECTADY, NY -  
Spiller County: 001  
Spiller Contact: STEVE KELLY  
Spiller Phone: (703) 846-5386  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 187956  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT WELL"3/21 SPOKE TO KASPER-8K GAL, TANK ALONE TEST, HORNER EZ III, CAUSE UNK, BEING EMPTIED, NCFM WAS NOTIFIED 12/3/03 FILE REASSIGNED 8/31/04 FILE REASSIGNED VEFR PERFORMED AS SOURCE REMOVAL, AS OF LAST SAMPLING IN JUNE 2010, MINIMAL GW CONTAMINATION  
Remarks: exxon mobil will have tank pumped out and investigate

Material:

Site ID: 227765  
Operable Unit ID: 863571  
Operable Unit: 01  
Material ID: 512326  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: True  
Site ID: 227765  
Operable Unit ID: 863571  
Operable Unit: 01  
Material ID: 572031  
Material Code: 1213A  
Material Name: MTBE (METHYL-TERT-BUTYL ETHER)  
Case No.: 01634044  
Material FA: Hazardous Material  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: True  
Site ID: 227765  
Operable Unit ID: 863571  
Operable Unit: 01  
Material ID: 1968445  
Material Code: 2645A  
Material Name: BTEX  
Case No.: Not reported  
Material FA: Oxygenates  
Quantity: Not reported  
Units: Not reported  
Recovered: Not reported  
Resource Affected: Not reported  
Oxygenate: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON MOBIL K5X (Continued)**

**S104788237**

Tank Test:

Site ID: 227766  
Spill Number/Closed Date: 8200130 / 9/12/1996  
Spill Date: 4/19/1982  
Spill Cause: Tank Failure  
Spill Source: Unknown  
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: False  
SWIS: 3022  
Investigator: KMYAGER  
Referred To: Not reported  
Reported to Dept: 4/20/1982  
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: 3/2/1992  
Spill Record Last Update: 12/1/2004  
Spiller Name: Not reported  
Spiller Company: MOBIL  
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: 1  
DER Facility ID: 269750  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "DEROSA WELL"03/02/92: CHANGED OVER TO HAAS AS INVESTIGATOR.  
Remarks: DOT INVEST PRODUCT REMOVED FROM TANK, LEAKING U/G TANK

Material:

Site ID: 227766  
Operable Unit ID: 893674  
Operable Unit: 01  
Material ID: 484253  
Material Code: 0066A  
Material Name: UNKNOWN PETROLEUM  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON MOBIL K5X (Continued)**

**S104788237**

**SPILLS:**

Facility ID: 0005596  
DER Facility ID: 269750  
Facility Type: ER  
Site ID: 227764  
DEC Region: 1  
Spill Date: 8/9/2000  
Spill Number/Closed Date: 0005596 / 10/16/2002  
Spill Cause: Other  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**SWIS:**

3022  
Investigator: PWHARDIN  
Referred To: Not reported  
Reported to Dept: 8/9/2000  
CID: 396  
Water Affected: Not reported  
Spill Source: Gasoline Station  
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: 8/9/2000  
Spill Record Last Update: 11/23/2010  
Spiller Name: MIKE MEOLA  
Spiller Company: FENLEY & NICOL  
Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller Company: 001  
Contact Name: JOHN DEMEO  
Contact Phone: (516) 365-3400  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "HARDING"F&N SPILL ~6 GAL DURING GAS PUMP WORK BY TANK PAD, F&N (STAN) RESPONDED.2212 - P/C TO JOHN DEMEO (PAGER 516-954-5650) WAS @ HOME 626-5356. MINOR LESS, DRAINS NOT IMPACTED, SMALL SUMP MAY BE IMPACTED, WAITING FOR EXXON TO CLEAN UP. P.H. ENROUTE. J.C. RETURNED TO STATION.

Remarks: gas poss. got into a dry well...they are looking into that now.const. co was doing work and caused that spill. clean up under way now.

**Material:**

Site ID: 227764  
Operable Unit ID: 828158  
Operable Unit: 01  
Material ID: 546745  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON MOBIL K5X (Continued)**

**S104788237**

Tank Test:

Facility ID: 0511027  
DER Facility ID: 187956  
Facility Type: ER  
Site ID: 357099  
DEC Region: 1  
Spill Date: 12/20/2005  
Spill Number/Closed Date: 0511027 / 4/10/2012  
Spill Cause: Unknown  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
  
SWIS: 3022  
Investigator: CAENGELH  
Referred To: Not reported  
Reported to Dept: 12/20/2005  
CID: 406  
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: 0  
Date Entered In Computer: 12/20/2005  
Spill Record Last Update: 4/14/2012  
Spiller Name: JOHN WOLF  
Spiller Company: MOBIL #17K5X  
Spiller Address: 1111 NORTHERN BLVD  
Spiller City,St,Zip: MANHASSET, NY  
Spiller Company: 001  
Contact Name: JOHN WOLF  
Contact Phone: (631) 218-0612  
DEC Memo: CE HAS 02-12597 HERESITE MANAGED UNDER 02-12597  
Remarks: Material spilled is Liquid Phase Hydrocarbon detected in a monitoring well during a quarterly groundwater sample. Groundwater was affected. Will be doing an enhanced fluid recovery event.

Material:

Site ID: 357099  
Operable Unit ID: 1114385  
Operable Unit: 01  
Material ID: 2104458  
Material Code: 0064A  
Material Name: UNKNOWN MATERIAL  
Case No.: Not reported  
Material FA: Other  
Quantity: Not reported  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON MOBIL K5X (Continued)**

**S104788237**

Tank Test:

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

NY Hist Spills:

Region of Spill: 1  
Spill Number/Closed Date: 0005596 / Not Closed  
Investigator: HARDING  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 08/09/2000 20:30  
Reported to Dept Date/Time: 08/09/00 21:35  
SWIS: 28  
Spiller Name: FENLEY & NICOL  
Spiller Contact: MIKE MEOLA  
Spiller Phone: (516) 371-1527  
Spiller Contact: JOHN DEMEO  
Spiller Phone: (516) 365-3400  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spill Cause: Other  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 05  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 08/09/00  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 08/14/00  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: True  
Units: Gallons  
Quantity Recovered: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON MOBIL K5X (Continued)**

**S104788237**

Unkonwn Quantity Recovered: True  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: F N SPILL 6 GAL DURING GAS PUMP WORK BY TANK PAD, F N STAN) RESPONDED.  
2212 - P/C TO JOHN DEMEO PAGER 516-954-5650) WAS @ HOME 626-5356. MINOR LESS,  
DRAINS NOT IMPACTED, SMALL SUMP MAY BE IMPACTED, WAITING FOR EXXON TO CLEAN UP.  
P.H. ENROUTE. J.C. RETURNED TO STATION.  
Remark: gas poss. got into a dry well...they are looking into that now. const. co was  
doing work and caused that spill. clean up under way now.

**J68**  
**NNE**  
**1/4-1/2**  
**0.380 mi.**  
**2008 ft.**

**RESIDENCE**  
**58 WEST DRIVE**  
**MANHASSET, NY**

**LTANKS** **S100559861**  
**HIST LTANKS** **N/A**

**Site 1 of 2 in cluster J**

**Relative:**  
**Higher**

**LTANKS:**

**Actual:**  
**74 ft.**

Site ID: 264394  
Spill Number/Closed Date: 9302108 / 11/16/1995  
Spill Date: 5/14/1993  
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: 3000  
Investigator: T/T/F  
Referred To: Not reported  
Reported to Dept: 5/14/1993  
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: 5/17/1993  
Spill Record Last Update: 11/20/1995  
Spiller Name: Not reported  
Spiller Company: RESIDENCE  
Spiller Address: 58 WEST DRIVE  
Spiller City,St,Zip: MANHASSET, ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 215497  
DEC Memo: Not reported  
Remarks: POTENTIAL BUYER OF HOME IS MR ALEARSON, 550 FAILED -.143, ANS TANK  
TESTER

Material:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S100559861**

Site ID: 264394  
Operable Unit ID: 984114  
Operable Unit: 01  
Material ID: 399248  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Site ID: 264394  
Spill Tank Test: 1541540  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 9302108 / 11/16/95  
Spill Date: 05/14/1993  
Spill Time: 14:17  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
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: / /  
Cleanup Meets Standard: True  
Investigator: T/T/F  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 05/14/93  
Reported to Department Time: 15:17  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
Spiller Name: RESIDENCE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S100559861**

Spiller Address: 58 WEST DRIVE  
Spiller City,St,Zip: MANHASSET  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: Not reported  
Facility Extension: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 05/17/93  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 11/20/95  
Is Updated: False

**Tank:**

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: TANK REMOVED 6/15/93, NYSDEC DECANDIA ATTENDED. NO CONTAMINATION FOUND, NO FURTHER ACTION NEEDED AT THIS TIME  
Spill Cause: POTENTIAL BUYER OF HOME IS MR ALEARSON, 550 FAILED -.143, ANS TANK TESTER

69  
NNE  
1/4-1/2  
0.387 mi.  
2043 ft.

**MANHASSET SCHOOLS**  
**MUNCEY LANE SCHOOL**  
**MANHASSET, NY**

**LTANKS S100148968**  
**HIST LTANKS N/A**

**Relative:**  
**Lower**

**LTANKS:**  
Site ID: 124572  
Spill Number/Closed Date: 8703421 / 10/14/1987  
Spill Date: 7/27/1987  
Spill Cause: Tank Test Failure  
Spill Source: Institutional, Educational, Gov., Other  
Spill Class: Not reported  
Cleanup Ceased: 10/14/1987

**Actual:**  
**35 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANHASSET SCHOOLS (Continued)**

**S100148968**

Cleanup Meets Standard: True  
SWIS: 3022  
Investigator: CXONEILL  
Referred To: Not reported  
Reported to Dept: 7/27/1987  
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: 7/28/1987  
Spill Record Last Update: 10/24/2006  
Spiller Name: Not reported  
Spiller Company: MANHASSET SCHOOLS  
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: 1  
DER Facility ID: 107864  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ONEILL FD" // : INSTALLED BLEEDER AT END OF TANK,NEW VENT LINE.7/29 TYREE HIRED TO PERFORM NECESSARY REPAIRS.PASSED RETEST ON 8/7/87.DEC NOT PRESENT.FILE HAS BEEN DESTROYED ACCORDING TO STATE ARCHIVE AND RECORD ADMINISTRATOR RETENTION/DISPOSAL PROCEDURES  
Remarks: 10K SYSTEM TEST FAILED AT -.720

**Material:**

Site ID: 124572  
Operable Unit ID: 910053  
Operable Unit: 01  
Material ID: 469658  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 124572  
Spill Tank Test: 1531205  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANHASSET SCHOOLS (Continued)**

**S100148968**

Test Method: Unknown

**HIST LTANKS:**

Region of Spill: 1  
Spill Number/Closed Date: 8703421 / 10/14/87  
Spill Date: 07/27/1987  
Spill Time: 16:00  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Non Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 10/14/87  
Cleanup Meets Standard: True  
Investigator: ONEILL FD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 07/27/87  
Reported to Department Time: 16:09  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: MANHASSET SCHOOLS  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (627) 440-  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 07/28/87  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 03/03/99  
Is Updated: False

**Tank:**

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MANHASSET SCHOOLS (Continued)**

**S100148968**

Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207

DEC Remarks: / / : INSTALLED BLEEDER AT END OF TANK,NEW VENT LINE.7/29 TYREE HIRED TO PERFORM NECESSARY REPAIRS.PASSED RETEST ON 8/7/87.DEC NOT PRESENT.  
Spill Cause: 10K SYSTEM TEST FAILED AT -.720

**J70**  
**NNE**  
**1/4-1/2**  
**0.416 mi.**  
**2199 ft.**

**BUTTERFIELD RESIDENCE**  
**17 CENTER DRIVE**  
**MANHASSET, NY**  
**Site 2 of 2 in cluster J**

**LTANKS** **S102233061**  
**HIST LTANKS** **N/A**  
**NY Spills**  
**NY Hist Spills**

**Relative:**  
**Higher**

LTANKS:

Site ID: 261510  
Spill Number/Closed Date: 9512707 / 1/12/1996  
Spill Date: 1/12/1996  
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: 3000  
Investigator: UNASSIGNED  
Referred To: Not reported  
Reported to Dept: 1/12/1996  
CID: 266  
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: 1/12/1996  
Spill Record Last Update: 1/16/1996  
Spiller Name: SAM BUTTERFIELD  
Spiller Company: BUTTERFIELD RESIDENCE  
Spiller Address: 17 CENTER DRIVE  
Spiller City,St,Zip: MANHASSET, NY  
Spiller County: 001  
Spiller Contact: SAM BUTTERFIELD  
Spiller Phone: (516) 627-5098  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 213569

**Actual:**  
**89 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BUTTERFIELD RESIDENCE (Continued)**

**S102233061**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "NONE" TELECON W/RESIDENCE, RELIANCE OIL IS SCHEDULED TO REPLACE TANK NO UNK DATE, 2' DIAMTER STAIN UNDER TANK, SLOW DRIP, RESIDENCE TO HAVE SOMEONE TO PUT A DRIP PAN BENEATH TANK UNTIL THE TANKS REPLACED, NO RESPONSE NEEDED

Remarks: LEAK FROM SEAM ON TANK. ONTO CONCRETE BASEMENT FLOOR. TANK TO BE EVACUATED AND REPLACED.

Material:

Site ID: 261510  
Operable Unit ID: 1023806  
Operable Unit: 01  
Material ID: 356455  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 1  
Units: Gallons  
Recovered: Yes  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 9512707 / 01/12/96  
Spill Date: 01/12/1996  
Spill Time: 08:00  
Spill Cause: Tank Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
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: / /  
Cleanup Meets Standard: True  
Investigator: NONE  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 01/12/96  
Reported to Department Time: 11:17  
SWIS: 28  
Spiller Contact: SAM BUTTERFIELD  
Spiller Phone: (516) 627-5098  
Spiller Extention: Not reported  
Spiller Name: BUTTERFIELD RESIDENCE  
Spiller Address: 17 CENTER DRIVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BUTTERFIELD RESIDENCE (Continued)**

**S102233061**

Spiller City,St,Zip: MANHASSET, NY  
Spiller Cleanup Date: / /  
Facility Contact: SAM BUTTERFIELD  
Facility Phone: (516) 627-5098  
Facility Extention: Not reported  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 01/12/96  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 01/16/96  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 1  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 1  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: TELECON W/RESIDENCE, RELIANCE OIL IS SCHEDULED TO REPLACE TANK NO UNK DATE, 2  
DIAMTER STAIN UNDER TANK, SLOW DRIP, RESIDENCE TO HAVE SOMEONE TO PUT A DRIP  
PAN BENEATH TANK UNTIL THE TANKS REPLACED, NO RESPONSE NEEDED  
Spill Cause: LEAK FROM SEAM ON TANK. ONTO CONCRETE BASEMENT FLOOR. TANK TO BE EVACUATED  
AND REPLACED.

SPILLS:

Facility ID: 9501422  
DER Facility ID: 293161  
Facility Type: ER  
Site ID: 261509  
DEC Region: 1  
Spill Date: 5/3/1995  
Spill Number/Closed Date: 9501422 / 6/1/2005  
Spill Cause: Equipment Failure  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
SWIS: 3022  
Investigator: BPAUSTIN  
Referred To: Not reported  
Reported to Dept: 5/3/1995  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Private Dwelling

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BUTTERFIELD RESIDENCE (Continued)**

**S102233061**

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: 5/4/1995  
Spill Record Last Update: 6/2/2005  
Spiller Name: Not reported  
Spiller Company: BUTTERFIELD RESIDENCE  
Spiller Address: 17 CENTER DRIVE  
Spiller City,St,Zip: MANHASSET, 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

Remarks: "AUSTIN" TELECON WITH MRS BUTTERFIELD AND SERV REP FROM RELIANCE, LINE UNDER SLAB, FLOOR STAINED, NO CLEANUP POSSIBLE TONIGHT. MOST PRODUCT UNDER SLAB, CONCRETE DAMP WITH OIL, SERVICE PUT SPEEDI DRI DOWN, CONFIRMED 100 GALLON LOSS  
OIL LINE LEAK, BASEMENT, SOME CLEANED UP WITH SPEEDI DRI

Material:  
Site ID: 261509  
Operable Unit ID: 1015834  
Operable Unit: 01  
Material ID: 370029  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 100  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

NY Hist Spills:  
Region of Spill: 1  
Spill Number/Closed Date: 9501422 / Not Closed  
Investigator: AUSTIN  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 05/03/1995 16:00  
Reported to Dept Date/Time: 05/03/95 16:13  
SWIS: 28  
Spiller Name: BUTTERFIELD RESIDENCE  
Spiller Contact: Not reported  
Spiller Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BUTTERFIELD RESIDENCE (Continued)**

**S102233061**

Spiller Address: 17 CENTER DRIVE  
Spiller City,St,Zip: MANHASSET  
Spill Cause: Equipment Failure  
Reported to Dept: On Land  
Water Affected: Not reported  
Spill Source: 09  
Spill Notifier: Other  
PBS Number: Not reported  
Cleanup Ceased: / /  
Cleanup Meets Std: False  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 05/04/95  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 02/20/97  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 100  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Remark: OIL LINE LEAK, BASEMENT, SOME CLEANED UP WITH SPEEDI DRI

71  
NW  
1/4-1/2  
0.420 mi.  
2220 ft.

**GIFFORDS ENERGY  
2 CRESCENT ROAD  
GREAT NECK, NY**

**LTANKS S102668157  
HIST LTANKS N/A**

**Relative:  
Higher**

LTANKS:

**Actual:  
159 ft.**

Site ID: 237979  
Spill Number/Closed Date: 8607066 / 3/4/1987  
Spill Date: 2/19/1987  
Spill Cause: Tank Overfill  
Spill Source: Tank Truck  
Spill Class: Not reported  
Cleanup Ceased: 3/4/1987  
Cleanup Meets Standard: True  
SWIS: 3022  
Investigator: WXOBRIEN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GIFFORDS ENERGY (Continued)**

**S102668157**

Referred To: Not reported  
Reported to Dept: 2/19/1987  
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: 2/24/1987  
Spill Record Last Update: 1/8/2007  
Spiller Name: Not reported  
Spiller Company: GIFFORDS ENERGY  
Spiller Address: Not reported  
Spiller City,St,Zip: FLORAL PARK, NY  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 196002  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'BRIEN FD" // : GIFFORDS HIRED MILRO SERVICES TO CLEAN UP.3/2 SITE WAS CLEANED UP 2/27/87 AS THIS WAS AN INTERIOR SPILL.FILE HAS BEEN DESTROYED ACCORDING TO STATE ARCHIVE AND RECORD ADMINISTRATOR RETENTION/DISPOSAL PROCEDURES  
Remarks: CUSTOMER ODOR COMPLAINT. HOUSE EXTENDED OVER OIL TANK VENT UNDER HOUSE.

Material:  
Site ID: 237979  
Operable Unit ID: 904648  
Operable Unit: 01  
Material ID: 472603  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 5  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

HIST LTANKS:  
Region of Spill: 1  
Spill Number/Closed Date: 8607066 / 03/04/87  
Spill Date: 02/19/1987  
Spill Time: 14:13  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Tank Truck

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GIFFORDS ENERGY (Continued)**

**S102668157**

Spill Class: Not reported  
Cleanup Ceased: 03/04/87  
Cleanup Meets Standard: True  
Investigator: O'BRIEN FD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 02/19/87  
Reported to Department Time: 14:13  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: GIFFORDS ENERGY  
Spiller Address: Not reported  
Spiller City,St,Zip: FLORAL PARK, NY  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (354) 555-  
Facility Extention: Not reported  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 02/24/87  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 02/19/99  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 5  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: / / : GIFFORDS HIRED MILLROSE SERVICES TO CLEAN UP. / / : GIFFORDS HIRED MILLROSE SERVICES TO CLEAN UP.3/2 SITE WAS CLEANED UP 2/27/87 AS THIS WAS AN INTERIOR SPILL.  
Spill Cause: CUSTOMER ODOR COMPLAINT. HOUSE EXTENDED OVER OIL TANK VENT UNDER HOUSE.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

72  
WSW  
1/4-1/2  
0.449 mi.  
2372 ft.

RESIDENCE  
11 SUMMER AVENUE  
GREAT NECK, NY

LTANKS S106385615  
N/A

Relative:  
Higher

Actual:  
202 ft.

LTANKS:

Site ID: 228073  
Spill Number/Closed Date: 0313767 / 5/2/2005  
Spill Date: 3/16/2004  
Spill Cause: Tank Overfill  
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: 3022  
Investigator: WJGABIN  
Referred To: Not reported  
Reported to Dept: 3/16/2004  
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: 3/16/2004  
Spill Record Last Update: 5/13/2005  
Spiller Name: CHRISTINE GERBASIO  
Spiller Company: RESIDENCE  
Spiller Address: 11 SUMMER AVENUE  
Spiller City,St,Zip: GREAT NECK, NY  
Spiller County: 001  
Spiller Contact: CHRISTINE GERBASIO  
Spiller Phone: (516) 932-7000  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 188128  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "GABIN"ADMINISTRATIVE CLOSURE, THIS OFFICE HAS NOT RECVD A RESPONSE FROM THE SPILLER WITH REGARDS OF THE CLEANUP  
Remarks: CALLER STATES THAT HOMEOWNER TRIED TO PUT OIL IN THEMSELVES AND SPILLED ON THEIR HOUSE: OIL CO. IS NOT RESPONSIBLE:

Material:

Site ID: 228073  
Operable Unit ID: 879052  
Operable Unit: 01  
Material ID: 495359  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RESIDENCE (Continued)

S106385615

Oxygenate: False

Tank Test:

73  
WNW  
1/4-1/2  
0.462 mi.  
2439 ft.

TWO SPRUCE TOWER  
2 SPRUCE STREET  
GREAT NECK, NY

LTANKS S100147422  
HIST LTANKS N/A

Relative:  
Higher

LTANKS:

Actual:  
204 ft.

Site ID: 114107  
Spill Number/Closed Date: 8807240 / 1/22/1990  
Spill Date: 12/2/1988  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 1/22/1990  
Cleanup Meets Standard: True  
SWIS: 3000  
Investigator: KDKOERTZ  
Referred To: Not reported  
Reported to Dept: 12/2/1988  
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: 12/5/1988  
Spill Record Last Update: 1/23/1990  
Spiller Name: Not reported  
Spiller Company: TWO SPRUCE TOWER  
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: 1  
DER Facility ID: 99548  
DEC Memo: Not reported  
Remarks: 5K FAILED GROSS LEAK. TANK TEST TESTER. HORNER EZ TEST. APPROX LESS THAN 1 GPH. TANK ONLY TEST TO BE PERFORMED.

Material:

Site ID: 114107  
Operable Unit ID: 923910  
Operable Unit: 01  
Material ID: 455586  
Material Code: 0002A  
Material Name: #4 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO SPRUCE TOWER (Continued)**

**S100147422**

Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

Site ID: 114107  
Spill Tank Test: 1534960  
Tank Number: Not reported  
Tank Size: 0  
Test Method: 00  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Unknown

**HIST LTANKS:**

Region of Spill: 1  
Spill Number/Closed Date: 8807240 / 01/22/90  
Spill Date: 12/02/1988  
Spill Time: 12:43  
Spill Cause: Tank Test Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Not reported  
Cleanup Ceased: 01/22/90  
Cleanup Meets Standard: True  
Investigator: GOERTZ  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 12/02/88  
Reported to Department Time: 12:49  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: TWO SPRUCE TOWER  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 829-8855  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TWO SPRUCE TOWER (Continued)**

**S100147422**

Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 12/05/88  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 01/23/90  
Is Updated: False

**Tank:**

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 0  
Test Method: Not reported  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #4 FUEL OIL  
Class Type: #4 FUEL OIL  
Times Material Entry In File: 1751  
CAS Number: Not reported  
Last Date: 19941205  
DEC Remarks: 01/22/90: TANK REMOVED ON 1/18/90 NO HOLES, NO SOIL CONTAMINATION.  
Spill Cause: 5K FAILED GROSS LEAK. TANK TEST TESTER. HORNER EZ TEST. APPROX LESS THAN 1 GPH.  
TANK ONLY TEST TO BE PERFORMED.

74  
West  
1/4-1/2  
0.463 mi.  
2446 ft.

**OK PETROLEUM S/S  
655 NORTHERN BLVD  
GREAT NECK, NY**

**LTANKS S103565531  
NY Spills N/A  
NY Hist Spills**

**Relative:  
Higher**

**LTANKS:**

**Actual:  
192 ft.**

Site ID: 364742  
Spill Number/Closed Date: 0602300 / 7/25/2006  
Spill Date: 5/31/2006  
Spill Cause: Tank Test Failure  
Spill Source: Gasoline Station  
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: 3022  
Investigator: HMCIRRIT  
Referred To: Not reported  
Reported to Dept: 5/31/2006  
CID: 444  
Water Affected: Not reported  
Spill Notifier: Tank Tester  
Last Inspection: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OK PETROLEUM S/S (Continued)**

**S10356531**

Recommended Penalty: False  
UST Involvement: True  
Remediation Phase: 0  
Date Entered In Computer: 5/31/2006  
Spill Record Last Update: 7/28/2006  
Spiller Name: JAY SEMELMACHER  
Spiller Company: GULF GAS STATION  
Spiller Address: 655 NORTHERN BLVD  
Spiller City,St,Zip: GREAT NECK, NY  
Spiller County: 001  
Spiller Contact: JAY SEMELMACHER  
Spiller Phone: (516) 365-8700  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 314967  
DEC Memo: REPAIRED VENT, NO CONTAMINATION REPORTED  
Remarks: PETROTITE TANK TEST FAILED: REPAIRS ARE BEING MADE THEY THINK IT IS IN VENT PIPE

Material:

Site ID: 364742  
Operable Unit ID: 1122765  
Operable Unit: 01  
Material ID: 2112237  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: Not reported  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

SPILLS:

Facility ID: 9103375  
DER Facility ID: 123286  
Facility Type: ER  
Site ID: 144655  
DEC Region: 1  
Spill Date: 6/20/1991  
Spill Number/Closed Date: 9103375 / 6/28/1991  
Spill Cause: Equipment Failure  
Spill Class: Not reported  
SWIS: 3000  
Investigator: LUCE  
Referred To: Not reported  
Reported to Dept: 6/20/1991  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Commercial/Industrial  
Spill Notifier: DEC  
Cleanup Ceased: 6/28/1991

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OK PETROLEUM S/S (Continued)**

**S103565531**

Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 6/27/1991  
Spill Record Last Update: 7/1/1991  
Spiller Name: Not reported  
Spiller Company: OK PETROLEUM  
Spiller Address: 655 NORTHERN BLVD  
Spiller City,St,Zip: GREAT NECK, NY  
Spiller Company: 001  
Contact Name: Not reported  
Contact Phone: Not reported  
DEC Memo: Not reported  
Remarks: WHILE RESPONDING TO LOCATION FOR AN UNFOUNDED COMPLAINT, CONT SOIL WAS DISCOVERED IN PUMP ISLAND AREA

Material:

Site ID: 144655  
Operable Unit ID: 954178  
Operable Unit: 01  
Material ID: 425818  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 9102889  
DER Facility ID: 123286  
Facility Type: ER  
Site ID: 144654  
DEC Region: 1  
Spill Date: 6/11/1991  
Spill Number/Closed Date: 9102889 / 6/19/1991  
Spill Cause: Other  
Spill Class: Not reported  
SWIS: 3000  
Investigator: KMYAGER  
Referred To: Not reported  
Reported to Dept: 6/11/1991  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: DEC  
Cleanup Ceased: 6/19/1991  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OK PETROLEUM S/S (Continued)**

**S103565531**

UST Trust: True  
Remediation Phase: 0  
Date Entered In Computer: 6/13/1991  
Spill Record Last Update: 6/20/1991  
Spiller Name: Not reported  
Spiller Company: OK PETROLEUM S/S  
Spiller Address: 655 NORTHERN BLVD  
Spiller City,St,Zip: GREAT NECK, 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 "DEROSA"  
Remarks: APPROX 8 YDS CONT SOIL REMOVED DURING ROUTINE TANK REMOVAL, NO FURTHER ACTION

**Material:**

Site ID: 144654  
Operable Unit ID: 953704  
Operable Unit: 01  
Material ID: 425370  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

**Tank Test:**

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

**NY Hist Spills:**

Region of Spill: 1  
Spill Number/Closed Date: 9102889 / 06/19/91  
Investigator: DEROSA  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 06/11/1991 11:00  
Reported to Dept Date/Time: 06/11/91 11:42  
SWIS: 28  
Spiller Name: OK PETROLEUM S/S  
Spiller Contact: Not reported  
Spiller Phone: (516) 487-7242  
Spiller Address: 655 NORTHERN BLVD  
Spiller City,St,Zip: GREAT NECK, NY  
Spill Cause: Other  
Reported to Dept: On Land

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OK PETROLEUM S/S (Continued)**

**S103565531**

Water Affected: Not reported  
Spill Source: 05  
Spill Notifier: DEC  
PBS Number: Not reported  
Cleanup Ceased: 06/19/91  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: True  
Spill Class: Not reported  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 06/13/91  
Date Spill Entered In Computer Data File: Not reported  
Update Date: 06/20/91  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: Not reported  
Remark: APPROX 8 YDS CONT SOIL REMOVED DURING ROUTINE TANK REMOVAL, NO FURTHER ACTION

**K75  
NNW  
1/4-1/2  
0.492 mi.  
2596 ft.**

**CITGO  
265 E SHORE RD  
MANHASSET, NY**

**HIST LTANKS S102101690  
NY Hist Spills N/A**

**Site 1 of 3 in cluster K**

**Relative:  
Lower**

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 9405028 / 02/03/95  
Spill Date: 07/12/1994  
Spill Time: 17:00  
Spill Cause: Tank Overfill  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Tank Truck  
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 02/03/95  
Cleanup Meets Standard: True  
Investigator: DEROSA  
Caller Name: Not reported  
Caller Agency: Not reported

**Actual:  
18 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITGO (Continued)**

**S102101690**

Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 07/12/94  
Reported to Department Time: 17:14  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: ISLAND TRANS  
Spiller Address: 299 EDISON AVE  
Spiller City,St,Zip: WEST BABYLON, NY 11704  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 694-4490  
Facility Extention: Not reported  
Spill Notifier: Responsible Party  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 07/14/94  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 02/06/95  
Is Updated: False

**Tank:**

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 15  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: Not reported  
Spill Cause: DELIVERING GAS GAS BACKED UP INTO VAPOR RECOVERY HOSE-CONTAINING WITH SPEEDI-DRY. MEG ENROUTE MCFM TO BE NOTIFIED.

**NY Hist Spills:**

Region of Spill: 1  
Spill Number/Closed Date: 9501249 / 05/01/95  
Investigator: NONE  
Caller Name: Not reported  
Caller Agency: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITGO (Continued)**

**S102101690**

Caller Phone: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Spill Date/Time: 04/28/1995 21:05  
Reported to Dept Date/Time: 04/28/95 23:54  
SWIS: 28  
Spiller Name: ISLAND TRANSPORTATION  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Address: 299 EDISON AVE  
Spiller City,St,Zip: WEST BABYLON  
Spill Cause: Equipment Failure  
Reported to Dept: In Sewer  
Water Affected: Not reported  
Spill Source: 08  
Spill Notifier: Fire Department  
PBS Number: Not reported  
Cleanup Ceased: 05/01/95  
Cleanup Meets Std: True  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Spiller Cleanup Dt: / /  
Enforcement Date: / /  
Invstgn Complete: / /  
UST Involvement: False  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Unable/unwilling Responsible Party. Corrective action taken. (ISR)  
Corrective Action Plan Submitted: / /  
Date Region Sent Summary to Central Office: / /  
Date Spill Entered In Computer Data File: 05/02/95  
Date Spill Entered In Computer Data File: Not reported  
Update Date: / /  
Is Updated: False

**Tank:**

**Material:**

Material Class Type: Petroleum  
Quantity Spilled: 20  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: GASOLINE  
Class Type: GASOLINE  
Times Material Entry In File: 21329  
CAS Number: Not reported  
Last Date: 19940929  
DEC Remarks: Not reported  
Remark: GASKET FAILURE ON VAPOR RECOVERY LINE ON A TANK TRUCK, STORM SEWERS CLEANED  
SPEEDI DRI APPLIED TO ROADWAY CLEANED, SAME AS 95-01244



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K76**  
**NNW**  
**1/4-1/2**  
**0.492 mi.**  
**2596 ft.**

**CITGO STATION**  
**265 EAST SHORE ROAD**  
**MANHASSET, NY**

**LTANKS** **S108297825**  
**NY Spills** **N/A**

**Site 2 of 3 in cluster K**

**Relative:**  
**Lower**

LTANKS:

**Actual:**  
**18 ft.**

Site ID: 304192  
Spill Number/Closed Date: 9405028 / 2/3/1995  
Spill Date: 7/12/1994  
Spill Cause: Tank Overfill  
Spill Source: Tank Truck  
Spill Class: Known release that creates potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 2/3/1995  
Cleanup Meets Standard: True  
SWIS: 3000  
Investigator: KMYAGER  
Referred To: Not reported  
Reported to Dept: 7/12/1994  
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: 7/14/1994  
Spill Record Last Update: 3/31/2004  
Spiller Name: Not reported  
Spiller Company: ISLAND TRANSPORTATION  
Spiller Address: 299 EDISON AVENUE  
Spiller City,St,Zip: WEST BABYLON, NY 11704  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 281516  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "DEROSA"  
Remarks: DELIVERING GAS & GAS BACKED UP INTO VAPOR RECOVERY HOSE-CONTAINING WITH SPEEDI-DRY. MEG ENROUTE MCFM TO BE NOTIFIED.

Material:

Site ID: 304192  
Operable Unit ID: 1002105  
Operable Unit: 01  
Material ID: 381632  
Material Code: 0009  
Material Name: Gasoline  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 15  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITGO STATION (Continued)**

**S108297825**

Tank Test:

**SPILLS:**

Facility ID: 0651194  
DER Facility ID: 320953  
Facility Type: ER  
Site ID: 371168  
DEC Region: 1  
Spill Date: 9/29/2006  
Spill Number/Closed Date: 0651194 / 9/13/2007  
Spill Cause: Housekeeping  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 3022  
Investigator: TJDME0  
Referred To: Not reported  
Reported to Dept: 9/29/2006  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: DEC  
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: 9/29/2006  
Spill Record Last Update: 1/16/2009  
Spiller Name: HARRY SINGH  
Spiller Company: NORTH SHORE AUTO & TOWING INC.  
Spiller Address: 265 EAST SHORE ROAD  
Spiller City,St,Zip: MANHASSET, NY  
Spiller Company: 999  
Contact Name: Not reported  
Contact Phone: (516) 482-2500  
DEC Memo: 9/29/06 11:37 Spoke to Demeo- He put some pads in the drain. Will issue a field cleanup letter.8/27/07 TJDFile review. Spill discovered during joint DLE/Spills inspection - housekeeping issues. Location is a gas station/police impound yard. Fluid leaks onto pavement migrating to roadway during rain events. Service station has subsequently removed UST's and excavated contaminated soils. All affected asphalt surfaces removed during excavation activities. Spill managed by NH under spill#8801681. No further action required concerning spill#0651194.

Remarks: Location is a police impound lot. Numerous vehicles leaking waste auto fluids onto driveway, sidewalk, roadway. Minor impacts to a catch basin.

**Material:**

Site ID: 371168  
Operable Unit ID: 1128939  
Operable Unit: 01  
Material ID: 2118589  
Material Code: 0005A  
Material Name: AUTO WASTE FLUIDS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITGO STATION (Continued)**

**S108297825**

Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

Facility ID: 9003374  
DER Facility ID: 281516  
Facility Type: ER  
Site ID: 304190  
DEC Region: 1  
Spill Date: 6/22/1990  
Spill Number/Closed Date: 9003374 / 6/25/1990  
Spill Cause: Other  
Spill Class: Not reported  
SWIS: 3000  
Investigator: KJGOMEZ  
Referred To: Not reported  
Reported to Dept: 6/22/1990  
CID: Not reported  
Water Affected: Not reported  
Spill Source: Gasoline Station  
Spill Notifier: DEC  
Cleanup Ceased: 6/25/1990  
Cleanup Meets Std: True  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: True  
Remediation Phase: 0  
Date Entered In Computer: 6/26/1990  
Spill Record Last Update: 9/30/2004  
Spiller Name: Not reported  
Spiller Company: TEXACO S/S  
Spiller Address: Not reported  
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 "GOMEZ"  
Remarks: 4K TANK. TANK REMOVAL. APPROX 60 YDS OF CONT SOIL STOCKPILED. NO FURTHER CLEANUP NECESSARY

Material:

Site ID: 304190  
Operable Unit ID: 943513  
Operable Unit: 01  
Material ID: 438070  
Material Code: 0008  
Material Name: Diesel  
Case No.: Not reported  
Material FA: Petroleum

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITGO STATION (Continued)**

**S108297825**

Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

[Click this hyperlink](#) while viewing on your computer to access additional NY\_SPILL: detail in the EDR Site Report.

**K77**  
**NNW**  
**1/4-1/2**  
**0.492 mi.**  
**2597 ft.**

**NASSAU COUNTY ROAD MAINT**  
**BAYVIEW AVE/SHORE ROAD**  
**MANHASSET, NY**

**LTANKS** **S102659599**  
**HIST LTANKS** **N/A**

**Site 3 of 3 in cluster K**

**Relative:**  
**Lower**

**LTANKS:**

**Actual:**  
**18 ft.**

Site ID: 329788  
Spill Number/Closed Date: 9704996 / 3/26/1998  
Spill Date: 7/25/1997  
Spill Cause: Tank Test Failure  
Spill Source: Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)  
Cleanup Ceased: Not reported  
Cleanup Meets Standard: True  
SWIS: 3022  
Investigator: T/T/F  
Referred To: Not reported  
Reported to Dept: 7/25/1997  
CID: 322  
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: 7/25/1997  
Spill Record Last Update: 9/6/2011  
Spiller Name: PETER WITKOWSKI  
Spiller Company: DPW HW SERVICES  
Spiller Address: 170 CANTIGUE ROCK ROAD  
Spiller City,St,Zip: HICKSVILLE, NY  
Spiller County: 001  
Spiller Contact: CHARLIE  
Spiller Phone: (516) 581-6563  
Spiller Extention: Not reported  
DEC Region: 1  
DER Facility ID: 265338  
DEC Memo: 8/1/97 PER ANNE, WILL EIRMATERIAL: WATER  
Remarks: tank tested with water - gross failure -

Material:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASSAU COUNTY ROAD MAINT (Continued)**

**S102659599**

Tank Test:

Site ID: 329788  
Spill Tank Test: 1545238  
Tank Number: Not reported  
Tank Size: 6000  
Test Method: 03  
Leak Rate: 0  
Gross Fail: Not reported  
Modified By: Spills  
Last Modified: 10/1/2004  
Test Method: Horner EZ Check I or II

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 9704996 / 03/26/98  
Spill Date: 07/25/1997  
Spill Time: 15:00  
Spill Cause: Tank Test Failure  
Resource Affectd: On Land  
Water Affected: Not reported  
Spill Source: Other Commercial/Industrial  
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)  
Cleanup Ceased: / /  
Cleanup Meets Standard: True  
Investigator: T/T/F  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 07/25/97  
Reported to Department Time: 18:46  
SWIS: 28  
Spiller Contact: CHARLIE  
Spiller Phone: (516) 581-6563  
Spiller Extention: Not reported  
Spiller Name: DPW HW SERVICES  
Spiller Address: 170 CANTIGUE ROCK ROAD  
Spiller City,St,Zip: HICKSVILLE, NY  
Spiller Cleanup Date: / /  
Facility Contact: PETER WITKOWSKI  
Facility Phone: (516) 571-6850  
Facility Extention: Not reported  
Spill Notifier: Tank Tester  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASSAU COUNTY ROAD MAINT (Continued)**

**S102659599**

Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 07/25/97  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 03/30/98  
Is Updated: False

Tank:

PBS Number: Not reported  
Tank Number: Not reported  
Tank Size: 6000  
Test Method: Horner EZ Check  
Leak Rate Failed Tank: 0.00  
Gross Leak Rate: Not reported  
DEC Remarks: Not reported  
Spill Cause: tank tested with water - gross failure -

78  
WSW  
1/4-1/2  
0.492 mi.  
2598 ft.

**RIECH RESIDENCE  
3 RIVERS DRIVE  
GREAT NECK, NY**

**LTANKS S100147656  
HIST LTANKS N/A**

**Relative:  
Higher**

LTANKS:

**Actual:  
175 ft.**

Site ID: 286385  
Spill Number/Closed Date: 8901096 / 7/15/1989  
Spill Date: 5/3/1989  
Spill Cause: Tank Failure  
Spill Source: Private Dwelling  
Spill Class: Not reported  
Cleanup Ceased: 7/15/1989  
Cleanup Meets Standard: True  
SWIS: 3022  
Investigator: MIRZA  
Referred To: Not reported  
Reported to Dept: 5/3/1989  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Health Department  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 5/8/1989  
Spill Record Last Update: 4/21/2006  
Spiller Name: Not reported  
Spiller Company: RIECH RESIDENCE  
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: 1  
DER Facility ID: 232119  
DEC Memo: Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MIRZA FD"FILE HAS BEEN DESTROYED ACCORDING TO STATE ARCHIVE AND RECORD ADMINISTRATOR RETENTION/DISPOSAL PROCEDURES

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIECH RESIDENCE (Continued)**

**S100147656**

Remarks: 550 TANK TAKING ON WATER.SPILLER HIRED PETRO MAINT TO REMOVE WATER.COMMANDER FUEL OIL REPAIRED VENT.TANK AGAIN TOOK ON WATER.CONTACTED ANS WELDING FOR RECOMMENDATIONS

Material:

Site ID: 286385  
Operable Unit ID: 927946  
Operable Unit: 01  
Material ID: 452405  
Material Code: 0001A  
Material Name: #2 Fuel Oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 0  
Units: Gallons  
Recovered: No  
Resource Affected: Not reported  
Oxygenate: False

Tank Test:

HIST LTANKS:

Region of Spill: 1  
Spill Number/Closed Date: 8901096 / 07/15/89  
Spill Date: 05/03/1989  
Spill Time: 12:00  
Spill Cause: Tank Failure  
Resource Affectd: Groundwater  
Water Affected: Not reported  
Spill Source: Private Dwelling  
Spill Class: Not reported  
Cleanup Ceased: 07/15/89  
Cleanup Meets Standard: True  
Investigator: MIRZA FD  
Caller Name: Not reported  
Caller Agency: Not reported  
Caller Phone: Not reported  
Caller Extension: Not reported  
Notifier Name: Not reported  
Notifier Agency: Not reported  
Notifier Phone: Not reported  
Notifier Extension: Not reported  
Reported to Department Date: 05/03/89  
Reported to Department Time: 16:30  
SWIS: 28  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
Spiller Name: RIECH RESIDENCE  
Spiller Address: Not reported  
Spiller City,St,Zip: Not reported  
Spiller Cleanup Date: / /  
Facility Contact: Not reported  
Facility Phone: (516) 466-4863  
Facility Extention: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RIECH RESIDENCE (Continued)**

**S100147656**

Spill Notifier: Health Department  
PBS Number: Not reported  
Last Inspection: / /  
Recommended Penalty: Penalty Not Recommended  
Enforcement Date: / /  
Investigation Complete: / /  
UST Involvement: False  
Date Region Sent Summary to Central Office: / /  
Corrective Action Plan Submitted: / /  
Date Spill Entered In Computer Data File: 05/08/89  
Time Spill Entered In Computer Data File: Not reported  
Spill Record Last Update: 05/06/99  
Is Updated: False

Tank:

Material:

Material Class Type: Petroleum  
Quantity Spilled: 0  
Unkonwn Quantity Spilled: False  
Units: Gallons  
Quantity Recovered: 0  
Unkonwn Quantity Recovered: False  
Material: #2 FUEL OIL  
Class Type: #2 FUEL OIL  
Times Material Entry In File: 24464  
CAS Number: Not reported  
Last Date: 19941207  
DEC Remarks: Not reported  
Spill Cause: 550 TANK TAKING ON WATER.SPILLER HIRED PETRO MAINT TO REMOVE WATER.COMMANDER FUEL OIL REPAIRED VENT.TANK AGAIN TOOK ON WATER.CONTACTED ANS WELDING FOR RECOMMENDATIONS



Count: 18 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GREAT NECK	U003847910	SHELL - WOODHAVEN SERVICE STATION	60 NORTH HEMPSTEAD TPKE	11021	UST
GREAT NECK	S109781619	EXXON 3-4372	566 NORTH HEMPSTEAD TPKE	11021	MANIFEST
LAKE SUCCESS	1012186902	NYSOT BIN 1049009	I-495 OVER COMMUNITY DR	11030	RCRA-LQG
MANHASSET	S104950406	SHELTER ROCK ROAD WELL	RT 25A	11030	CBS UST, CBS
MANHASSET	U003376560	MAN-LAKE W.D.WELL N-12802	COMMUNITY DR		UST
MANHASSET	S104950489	VALLEY ROAD WELL STATION	COMMUNITY DR	11030	CBS UST, CBS AST, CBS
MANHASSET	S104784429	UNK	COMMUNITY DR		NY Spills, NY Hist Spills
MANHASSET	S104784014	UNK	COMMUNITY DR		NY Spills, NY Hist Spills
MANHASSET	S104786173	UNK	COMMUNITY DR		NY Spills, NY Hist Spills
MANHASSET	S102099668	ANASTSIOS LANDSCAPE INC	COMMUNITY DR		NY Spills, NY Hist Spills
MANHASSET	S106385095	UNKNOWN	COMMUNITY DR E		NY Spills
MANHASSET	S109372438	VALLEY ROAD STATION	COMMUNITY DR		NY Spills
MANHASSET	A100101788	WHITNEY POND PARK	COMMUNITY DR		AST
MANHASSET	A100165716	MAN-LAKE W.D.WELL N-12802	COMMUNITY DR		AST
MANHASSET	U003850521	WATER NECK NO. W.A. 12&13	COMMUNITY DR		UST, AST
MANHASSET	S110243848	MUNICIPAL WELL SITE/ GREAT NECK NO	COMMUNITY DR		NY Spills
MANHASSET	S105842019	DENTON AVE. LANDFILL	DENTON AVE	11030	SWF/LF
MANHASSET	1009231380	NYSDEC	ROADWAY SPILL AT COMMUNITY DR	11030	MANIFEST

# 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: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/10/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	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: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/10/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	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: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/10/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

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: 02/04/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/05/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Quarterly

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: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 04/10/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Varies

## ***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: 02/05/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/05/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/12/2013  
Date Data Arrived at EDR: 02/21/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 6

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 04/03/2013  
Next Scheduled EDR Contact: 07/15/2013  
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: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 04/03/2013  
Next Scheduled EDR Contact: 07/15/2013  
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: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 04/03/2013  
Next Scheduled EDR Contact: 07/15/2013  
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: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 04/03/2013  
Next Scheduled EDR Contact: 07/15/2013  
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: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 04/03/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### 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: 12/19/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2012	Telephone: 703-603-0695
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 06/24/2013
	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: 12/19/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2012	Telephone: 703-603-0695
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

### 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: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/18/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/03/2013
	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: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 04/02/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/15/2013
	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: 02/19/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/20/2013	Telephone: 518-402-9622
Date Made Active in Reports: 03/15/2013	Last EDR Contact: 03/21/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/03/2013
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/20/2013	Telephone: 518-402-9814
Date Made Active in Reports: 03/15/2013	Last EDR Contact: 02/20/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/03/2013
	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: 01/07/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/09/2013	Telephone: 518-457-2051
Date Made Active in Reports: 01/16/2013	Last EDR Contact: 04/08/2013
Number of Days to Update: 7	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Semi-Annually

## **State and tribal leaking storage tank lists**

### 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: 02/19/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/20/2013	Telephone: 518-402-9549
Date Made Active in Reports: 03/15/2013	Last EDR Contact: 04/05/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/03/2013
	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	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/08/2005	Telephone: 518-402-9549
Date Made Active in Reports: 07/14/2005	Last EDR Contact: 07/07/2005
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 10/30/2012
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 03/21/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 03/21/2013
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/28/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/13/2013
	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: 09/28/2012	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 02/01/2013
Number of Days to Update: 162	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-8677
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/28/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Semi-Annually

## 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: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/28/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

### ***State and tribal registered storage tank lists***

#### TANKS: Storage Tank Facility Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/02/2013  
Date Data Arrived at EDR: 01/02/2013  
Date Made Active in Reports: 01/16/2013  
Number of Days to Update: 14

Source: Department of Environmental Conservation  
Telephone: 518-402-9543  
Last EDR Contact: 04/03/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Quarterly

## 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: 01/02/2013  
Date Data Arrived at EDR: 01/02/2013  
Date Made Active in Reports: 01/16/2013  
Number of Days to Update: 14

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 04/03/2013  
Next Scheduled EDR Contact: 07/15/2013  
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: Varies

## AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 01/02/2013  
Date Data Arrived at EDR: 01/02/2013  
Date Made Active in Reports: 01/16/2013  
Number of Days to Update: 14

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 04/03/2013  
Next Scheduled EDR Contact: 07/15/2013  
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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 01/02/2013  
Date Data Arrived at EDR: 01/02/2013  
Date Made Active in Reports: 01/16/2013  
Number of Days to Update: 14

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 04/03/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Quarterly

## MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/02/2013  
Date Data Arrived at EDR: 01/02/2013  
Date Made Active in Reports: 01/16/2013  
Number of Days to Update: 14

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 04/03/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Quarterly

## 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: 02/06/2013  
Date Data Arrived at EDR: 02/08/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 63

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 01/28/2013  
Next Scheduled EDR Contact: 05/13/2013  
Data Release Frequency: Semi-Annually

## 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: 09/28/2012  
Date Data Arrived at EDR: 11/07/2012  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 156

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 02/01/2013  
Next Scheduled EDR Contact: 05/13/2013  
Data Release Frequency: Varies

## 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: 08/02/2012  
Date Data Arrived at EDR: 08/03/2012  
Date Made Active in Reports: 11/05/2012  
Number of Days to Update: 94

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 03/19/2013  
Next Scheduled EDR Contact: 05/13/2013  
Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011  
Date Data Arrived at EDR: 05/11/2011  
Date Made Active in Reports: 06/14/2011  
Number of Days to Update: 34

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 03/21/2013  
Next Scheduled EDR Contact: 05/13/2013  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/28/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/13/2013
	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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 01/28/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 05/13/2013
	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: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/28/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/13/2013
	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: 02/21/2013	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2013	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/28/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Quarterly

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 01/14/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Varies

## ***State and tribal institutional control / engineering control registries***

### ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 02/19/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/20/2013	Telephone: 518-402-9553
Date Made Active in Reports: 03/15/2013	Last EDR Contact: 03/21/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/03/2013
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 02/19/2013  
Date Data Arrived at EDR: 02/20/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 23

Source: Department of Environmental Conservation  
Telephone: 518-402-9553  
Last EDR Contact: 03/21/2013  
Next Scheduled EDR Contact: 06/03/2013  
Data Release Frequency: Quarterly

## 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: 12/23/2010  
Date Made Active in Reports: 02/11/2011  
Number of Days to Update: 50

Source: NYC Department of City Planning  
Telephone: 212-720-3401  
Last EDR Contact: 03/29/2013  
Next Scheduled EDR Contact: 07/08/2013  
Data Release Frequency: No Update Planned

### **State and tribal voluntary cleanup sites**

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012  
Date Data Arrived at EDR: 10/02/2012  
Date Made Active in Reports: 10/16/2012  
Number of Days to Update: 14

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 04/05/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Varies

#### VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 02/19/2013  
Date Data Arrived at EDR: 02/20/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 23

Source: Department of Environmental Conservation  
Telephone: 518-402-9711  
Last EDR Contact: 03/21/2013  
Next Scheduled EDR Contact: 06/03/2013  
Data Release Frequency: Semi-Annually

### **State and tribal Brownfields sites**

#### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2013  
Date Data Arrived at EDR: 02/20/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 23

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 03/21/2013  
Next Scheduled EDR Contact: 06/03/2013  
Data Release Frequency: Quarterly

## 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: 02/19/2013  
Date Data Arrived at EDR: 02/20/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 23

Source: Department of Environmental Conservation  
Telephone: 518-402-9764  
Last EDR Contact: 03/21/2013  
Next Scheduled EDR Contact: 06/03/2013  
Data Release Frequency: Semi-Annually

## 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: 12/10/2012  
Date Data Arrived at EDR: 12/11/2012  
Date Made Active in Reports: 12/20/2012  
Number of Days to Update: 9

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/26/2013  
Next Scheduled EDR Contact: 07/08/2013  
Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### 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

#### 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: 01/28/2013  
Next Scheduled EDR Contact: 05/13/2013  
Data Release Frequency: No Update Planned

#### SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/07/2013  
Date Data Arrived at EDR: 01/09/2013  
Date Made Active in Reports: 01/16/2013  
Number of Days to Update: 7

Source: Department of Environmental Conservation  
Telephone: 518-402-8705  
Last EDR Contact: 04/08/2013  
Next Scheduled EDR Contact: 07/22/2013  
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: 01/25/2013  
Next Scheduled EDR Contact: 05/06/2013  
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: 02/05/2013  
Next Scheduled EDR Contact: 05/20/2013  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### 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: 11/14/2012  
Date Data Arrived at EDR: 12/11/2012  
Date Made Active in Reports: 02/15/2013  
Number of Days to Update: 66

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/04/2013  
Next Scheduled EDR Contact: 06/17/2013  
Data Release Frequency: Quarterly

### DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 02/19/2013  
Date Data Arrived at EDR: 02/20/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 23

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 03/21/2013  
Next Scheduled EDR Contact: 06/03/2013  
Data Release Frequency: Annually

### 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: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/02/2006	Telephone: 518-402-9549
Date Made Active in Reports: 07/20/2006	Last EDR Contact: 10/23/2006
Number of Days to Update: 48	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	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/02/2006	Telephone: 518-402-9549
Date Made Active in Reports: 07/20/2006	Last EDR Contact: 10/23/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: No Update Planned

## **Local Land Records**

### 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: 02/16/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/26/2012	Telephone: 202-564-6023
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 04/10/2013
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

### LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 02/22/2013	Source: Office of the State Comptroller
Date Data Arrived at EDR: 02/27/2013	Telephone: 518-474-9034
Date Made Active in Reports: 03/15/2013	Last EDR Contact: 02/11/2013
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/27/2013
	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: 12/31/2012	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/03/2013	Telephone: 202-366-4555
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 04/02/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/15/2013
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2013  
Date Data Arrived at EDR: 02/20/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 23

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 04/05/2013  
Next Scheduled EDR Contact: 06/03/2013  
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

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/12/2013  
Date Data Arrived at EDR: 02/15/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 12

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 04/03/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: Varies

### DOT OPS: Incident and Accident Data

Department of Transportation, 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 Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 02/05/2013  
Next Scheduled EDR Contact: 05/20/2013  
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: 01/17/2013  
Next Scheduled EDR Contact: 04/29/2013  
Data Release Frequency: Semi-Annually

### 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: 12/31/2011  
Date Data Arrived at EDR: 02/26/2013  
Date Made Active in Reports: 03/13/2013  
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 03/11/2013  
Next Scheduled EDR Contact: 06/24/2013  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/31/2011	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/15/2013	Telephone: Varies
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/01/2013
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Varies

## 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: 12/18/2012	Source: EPA
Date Data Arrived at EDR: 03/13/2013	Telephone: 703-416-0223
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 03/13/2013
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Annually

## 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	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 02/25/2013
Number of Days to Update: 146	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Varies

## 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: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 03/06/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/17/2013
	Data Release Frequency: Semi-Annually

## 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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 02/26/2013
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/10/2013
	Data Release Frequency: Annually

## 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: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/28/2013
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Every 4 Years



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/25/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/10/2013
	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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/25/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/10/2013
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

**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	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/28/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/15/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/29/2013
	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: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/16/2013
Number of Days to Update: 98	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Annually

## 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: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/11/2013
Number of Days to Update: 60	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Quarterly

## 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: 01/08/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/09/2013	Telephone: 202-343-9775
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/11/2013
Number of Days to Update: 93	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (212) 637-3000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/12/2013
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Quarterly

## 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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### 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: 05/08/2012  
Date Data Arrived at EDR: 05/25/2012  
Date Made Active in Reports: 07/10/2012  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 01/28/2013  
Next Scheduled EDR Contact: 05/13/2013  
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: 12/31/2009  
Date Data Arrived at EDR: 03/01/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 62

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 02/26/2013  
Next Scheduled EDR Contact: 06/10/2013  
Data Release Frequency: Biennially

### 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

### UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 12/10/2012  
Date Data Arrived at EDR: 12/11/2012  
Date Made Active in Reports: 01/16/2013  
Number of Days to Update: 36

Source: Department of Environmental Conservation  
Telephone: 518-402-8056  
Last EDR Contact: 03/13/2013  
Next Scheduled EDR Contact: 06/24/2013  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 02/01/2013  
Date Data Arrived at EDR: 02/07/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 36

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 02/07/2013  
Next Scheduled EDR Contact: 05/20/2013  
Data Release Frequency: Annually

## DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 01/18/2013  
Date Data Arrived at EDR: 01/23/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 51

Source: Department of Environmental Conservation  
Telephone: 518-402-8403  
Last EDR Contact: 03/18/2013  
Next Scheduled EDR Contact: 07/01/2013  
Data Release Frequency: Varies

## 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: 01/28/2013  
Date Data Arrived at EDR: 01/30/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 44

Source: Department of Environmental Conservation  
Telephone: 518-402-8233  
Last EDR Contact: 04/15/2013  
Next Scheduled EDR Contact: 07/29/2013  
Data Release Frequency: No Update Planned

## AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 08/02/2012  
Date Made Active in Reports: 10/03/2012  
Number of Days to Update: 62

Source: Department of Environmental Conservation  
Telephone: 518-402-8452  
Last EDR Contact: 01/28/2013  
Next Scheduled EDR Contact: 05/13/2013  
Data Release Frequency: Annually

## E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 12/10/2012  
Date Data Arrived at EDR: 01/22/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 52

Source: New York City Department of City Planning  
Telephone: 718-595-6658  
Last EDR Contact: 03/26/2013  
Next Scheduled EDR Contact: 07/08/2013  
Data Release Frequency: Varies

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/17/2013  
Next Scheduled EDR Contact: 04/29/2013  
Data Release Frequency: Semi-Annually

## 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: 01/21/2013  
Next Scheduled EDR Contact: 05/06/2013  
Data Release Frequency: Varies

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 11/15/2012  
Date Data Arrived at EDR: 11/16/2012  
Date Made Active in Reports: 02/15/2013  
Number of Days to Update: 91

Source: EPA  
Telephone: 202-564-5962  
Last EDR Contact: 04/01/2013  
Next Scheduled EDR Contact: 07/15/2013  
Data Release Frequency: 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: 01/17/2013  
Next Scheduled EDR Contact: 04/29/2013  
Data Release Frequency: N/A

## 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: 07/31/2012  
Date Data Arrived at EDR: 08/13/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 02/12/2013  
Next Scheduled EDR Contact: 05/27/2013  
Data Release Frequency: Quarterly

## 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: 11/20/2012  
Date Data Arrived at EDR: 11/30/2012  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 89

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 02/19/2013  
Next Scheduled EDR Contact: 06/03/2013  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 02/15/2013
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/27/2013
	Data Release Frequency: Varies

### COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 01/08/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/09/2013	Telephone: 518-402-8660
Date Made Active in Reports: 01/16/2013	Last EDR Contact: 04/08/2013
Number of Days to Update: 7	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Varies

### COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 01/15/2013
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/29/2013
	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: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/15/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

### 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: 10/31/2008	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/25/2008	Telephone: 518-402-8712
Date Made Active in Reports: 12/11/2008	Last EDR Contact: 04/08/2013
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Varies

### Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/08/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/09/2013	Telephone: 518-402-8660
Date Made Active in Reports: 01/21/2013	Last EDR Contact: 04/08/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 11/15/2012	Source: EPA
Date Data Arrived at EDR: 11/16/2012	Telephone: 202-564-5962
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 04/01/2013
Number of Days to Update: 91	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012	Source: EPA
Date Data Arrived at EDR: 01/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/04/2013
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Quarterly

## 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 02/01/2013
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/13/2013
	Data Release Frequency: Varies

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

#### EDR US Hist Auto Stat: 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 US Hist Cleaners: 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 US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

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: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
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: 12/18/2012  
Date Data Arrived at EDR: 12/20/2012  
Date Made Active in Reports: 01/16/2013  
Number of Days to Update: 27

Source: Cortland County Health Department  
Telephone: 607-753-5035  
Last EDR Contact: 02/04/2013  
Next Scheduled EDR Contact: 05/20/2013  
Data Release Frequency: Quarterly

#### Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 12/18/2012  
Date Data Arrived at EDR: 12/20/2012  
Date Made Active in Reports: 01/16/2013  
Number of Days to Update: 27

Source: Cortland County Health Department  
Telephone: 607-753-5035  
Last EDR Contact: 02/04/2013  
Next Scheduled EDR Contact: 05/20/2013  
Data Release Frequency: Quarterly

### NASSAU COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003  
Date Data Arrived at EDR: 05/27/2003  
Date Made Active in Reports: 06/09/2003  
Number of Days to Update: 13

Source: Nassau County Health Department  
Telephone: 516-571-3314  
Last EDR Contact: 04/08/2013  
Next Scheduled EDR Contact: 07/22/2013  
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: 02/04/2013  
Next Scheduled EDR Contact: 05/20/2013  
Data Release Frequency: Varies

## Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003  
Date Data Arrived at EDR: 05/27/2003  
Date Made Active in Reports: 06/09/2003  
Number of Days to Update: 13

Source: Nassau County Health Department  
Telephone: 516-571-3314  
Last EDR Contact: 04/08/2013  
Next Scheduled EDR Contact: 07/22/2013  
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: 02/04/2013  
Next Scheduled EDR Contact: 05/20/2013  
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: 02/08/2013  
Date Data Arrived at EDR: 02/08/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 35

Source: Rockland County Health Department  
Telephone: 914-364-2605  
Last EDR Contact: 03/11/2013  
Next Scheduled EDR Contact: 06/24/2013  
Data Release Frequency: Quarterly

### Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 02/08/2013  
Date Data Arrived at EDR: 02/08/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 35

Source: Rockland County Health Department  
Telephone: 914-364-2605  
Last EDR Contact: 03/11/2013  
Next Scheduled EDR Contact: 06/24/2013  
Data Release Frequency: Quarterly

## SUFFOLK COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006  
Date Data Arrived at EDR: 01/11/2007  
Date Made Active in Reports: 02/07/2007  
Number of Days to Update: 27

Source: Suffolk County Department of Health Services  
Telephone: 631-854-2521  
Last EDR Contact: 02/04/2013  
Next Scheduled EDR Contact: 05/20/2013  
Data Release Frequency: Annually

## Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006  
Date Data Arrived at EDR: 01/11/2007  
Date Made Active in Reports: 02/07/2007  
Number of Days to Update: 27

Source: Suffolk County Department of Health Services  
Telephone: 631-854-2521  
Last EDR Contact: 02/04/2013  
Next Scheduled EDR Contact: 05/20/2013  
Data Release Frequency: Annually

## WESTCHESTER COUNTY:

### Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 02/20/2013  
Date Data Arrived at EDR: 02/21/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 22

Source: Westchester County Department of Health  
Telephone: 914-813-5161  
Last EDR Contact: 02/04/2013  
Next Scheduled EDR Contact: 05/20/2013  
Data Release Frequency: Varies

### Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 02/20/2013  
Date Data Arrived at EDR: 02/21/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 22

Source: Westchester County Department of Health  
Telephone: 914-813-5161  
Last EDR Contact: 02/04/2013  
Next Scheduled EDR Contact: 05/20/2013  
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: 02/18/2013  
Date Data Arrived at EDR: 02/18/2013  
Date Made Active in Reports: 03/21/2013  
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 02/18/2013  
Next Scheduled EDR Contact: 06/03/2013  
Data Release Frequency: Annually

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 08/28/2012  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/15/2013  
Next Scheduled EDR Contact: 04/29/2013  
Data Release Frequency: Annually

PA MANIFEST: Manifest Information  
Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/23/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 57

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/21/2013  
Next Scheduled EDR Contact: 05/06/2013  
Data Release Frequency: Annually

RI MANIFEST: Manifest information  
Hazardous waste manifest information

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 06/22/2012  
Date Made Active in Reports: 07/31/2012  
Number of Days to Update: 39

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/25/2013  
Next Scheduled EDR Contact: 06/10/2013  
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data  
Hazardous waste manifest information.

Date of Government Version: 02/15/2013  
Date Data Arrived at EDR: 02/21/2013  
Date Made Active in Reports: 03/15/2013  
Number of Days to Update: 22

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 01/21/2013  
Next Scheduled EDR Contact: 05/06/2013  
Data Release Frequency: Annually

WI MANIFEST: Manifest Information  
Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 09/27/2012  
Number of Days to Update: 70

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 03/18/2013  
Next Scheduled EDR Contact: 07/01/2013  
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.  
Telephone: (281) 769-2247  
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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 and 2005 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

MT. OLIVE  
HIGH ST  
MANHASSET, NY 11030

### **TARGET PROPERTY COORDINATES**

Latitude (North):	40.7838 - 40° 47' 1.68"
Longitude (West):	73.7061 - 73° 42' 21.96"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	609178.1
UTM Y (Meters):	4515351.0
Elevation:	64 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	40073-G6 SEA CLIFF, NY
Most Recent Revision:	1979

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).

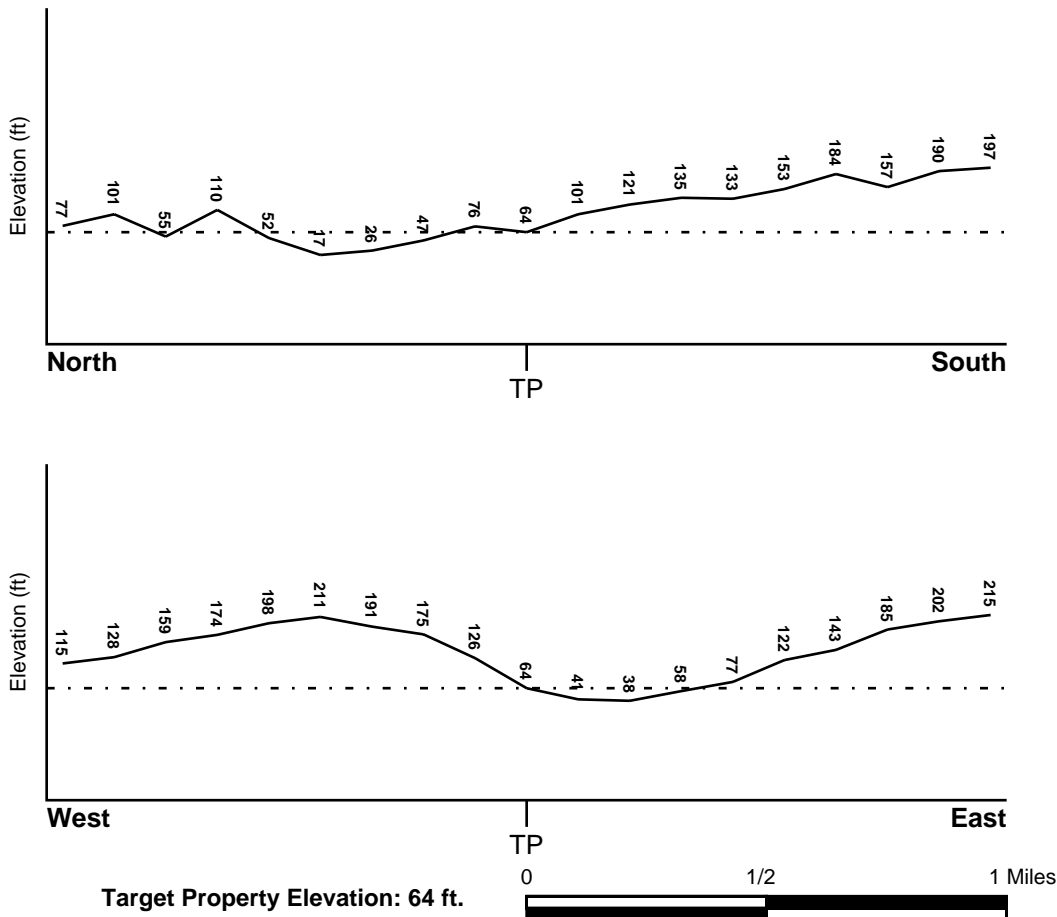
## TOPOGRAPHIC INFORMATION

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 ENE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

<u>Target Property County</u> NASSAU, NY	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	36059C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> SEA CLIFF	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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## 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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

# 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: Cenozoic  
System: Quaternary  
Series: Pleistocene  
Code: Qp *(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).

## 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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: MONTAUK

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	2 inches	fine 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: 6.00 Min: 0.60	Max: 6.00 Min: 3.60
2	2 inches	27 inches	fine 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: 0.60 Min: 0.06	Max: 6.00 Min: 3.60
3	27 inches	60 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: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam  
sandy loam  
loam  
loamy sand

Surficial Soil Types: silt loam  
sandy loam  
loam  
loamy sand

Shallow Soil Types: very fine sandy loam

Deeper Soil Types: stratified  
very gravelly - sand  
very gravelly - loam  
very fine sandy loam  
gravelly - coarse sand

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40000832578	0 - 1/8 Mile South
A2	USGS40000832579	0 - 1/8 Mile South
A3	USGS40000832580	0 - 1/8 Mile SSW
A4	USGS40000832548	1/8 - 1/4 Mile South
5	USGS40000832549	1/8 - 1/4 Mile SSW
B6	USGS40000832539	1/8 - 1/4 Mile SSE
B7	USGS40000832540	1/8 - 1/4 Mile SSE
B8	USGS40000832526	1/4 - 1/2 Mile SSE
B9	USGS40000832527	1/4 - 1/2 Mile SSE
B10	USGS40000832510	1/4 - 1/2 Mile SSE
B11	USGS40000832509	1/4 - 1/2 Mile SSE
B12	USGS40000832508	1/4 - 1/2 Mile SSE
B13	USGS40000832511	1/4 - 1/2 Mile SSE
B14	USGS40000832514	1/4 - 1/2 Mile SSE
B15	USGS40000832513	1/4 - 1/2 Mile SSE
B16	USGS40000832512	1/4 - 1/2 Mile SSE
C19	USGS40000832501	1/4 - 1/2 Mile SSW
C20	USGS40000832502	1/4 - 1/2 Mile SSW
21	USGS40000832759	1/4 - 1/2 Mile NNW
22	USGS40000832707	1/4 - 1/2 Mile NE
D24	USGS40000832709	1/4 - 1/2 Mile ENE
D25	USGS40000832708	1/4 - 1/2 Mile ENE
D26	USGS40000832712	1/4 - 1/2 Mile ENE
D27	USGS40000832711	1/4 - 1/2 Mile ENE
D28	USGS40000832710	1/4 - 1/2 Mile ENE
29	USGS40000832412	1/4 - 1/2 Mile SSE
E30	USGS40000832871	1/2 - 1 Mile NNW
E31	USGS40000832872	1/2 - 1 Mile NNW
E32	USGS40000832873	1/2 - 1 Mile NNW
E33	USGS40000832874	1/2 - 1 Mile NNW
E34	USGS40000832889	1/2 - 1 Mile NNW
E35	USGS40000832890	1/2 - 1 Mile NNW
E36	USGS40000832891	1/2 - 1 Mile NNW
38	USGS40000832841	1/2 - 1 Mile NE
E39	USGS40000832892	1/2 - 1 Mile NNW
E40	USGS40000832893	1/2 - 1 Mile NNW

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F41	USGS40000832326	1/2 - 1 Mile SSE
F42	USGS40000832327	1/2 - 1 Mile SSE
E43	USGS40000832903	1/2 - 1 Mile NNW
E44	USGS40000832904	1/2 - 1 Mile NNW
G45	USGS40000832913	1/2 - 1 Mile NNW
G46	USGS40000832914	1/2 - 1 Mile NNW
G47	USGS40000832905	1/2 - 1 Mile NNW
H48	USGS40000832906	1/2 - 1 Mile NNW
H49	USGS40000832907	1/2 - 1 Mile NNW
F50	USGS40000832301	1/2 - 1 Mile SSE
G51	USGS40000832926	1/2 - 1 Mile NNW
G52	USGS40000832927	1/2 - 1 Mile NNW
G53	USGS40000832928	1/2 - 1 Mile NNW
G54	USGS40000832925	1/2 - 1 Mile NNW
G56	USGS40000832929	1/2 - 1 Mile NNW
G58	USGS40000832946	1/2 - 1 Mile NNW
G59	USGS40000832947	1/2 - 1 Mile NNW
G60	USGS40000832948	1/2 - 1 Mile NNW
G61	USGS40000832949	1/2 - 1 Mile NNW
G62	USGS40000832950	1/2 - 1 Mile NNW
G63	USGS40000832951	1/2 - 1 Mile NNW
G64	USGS40000832952	1/2 - 1 Mile NNW
H65	USGS40000832930	1/2 - 1 Mile NNW
H66	USGS40000832931	1/2 - 1 Mile NNW
H67	USGS40000832932	1/2 - 1 Mile NNW
G68	USGS40000832959	1/2 - 1 Mile NNW
G69	USGS40000832960	1/2 - 1 Mile NNW
G70	USGS40000832953	1/2 - 1 Mile NNW
G71	USGS40000832961	1/2 - 1 Mile NNW
G72	USGS40000832962	1/2 - 1 Mile NNW
G73	USGS40000832963	1/2 - 1 Mile NNW
H74	USGS40000832955	1/2 - 1 Mile NNW
H75	USGS40000832954	1/2 - 1 Mile NNW
H76	USGS40000832957	1/2 - 1 Mile NNW
H77	USGS40000832956	1/2 - 1 Mile NNW
I78	USGS40000832965	1/2 - 1 Mile NNW
I79	USGS40000832980	1/2 - 1 Mile NNW
I80	USGS40000832966	1/2 - 1 Mile NNW
I81	USGS40000832967	1/2 - 1 Mile NNW
I82	USGS40000832969	1/2 - 1 Mile NNW
I83	USGS40000832968	1/2 - 1 Mile NNW
I84	USGS40000832972	1/2 - 1 Mile NNW
I85	USGS40000832971	1/2 - 1 Mile NNW
I86	USGS40000832970	1/2 - 1 Mile NNW
I87	USGS40000832981	1/2 - 1 Mile NNW
I88	USGS40000832982	1/2 - 1 Mile NNW
I89	USGS40000832983	1/2 - 1 Mile NNW
I90	USGS40000832984	1/2 - 1 Mile NNW
I91	USGS40000832964	1/2 - 1 Mile NNW
I92	USGS40000832994	1/2 - 1 Mile NNW
I93	USGS40000832995	1/2 - 1 Mile NNW
I94	USGS40000832986	1/2 - 1 Mile NNW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I95	USGS40000832985	1/2 - 1 Mile NNW
I96	USGS40000832993	1/2 - 1 Mile NNW
I97	USGS40000832987	1/2 - 1 Mile NNW
I98	USGS40000833006	1/2 - 1 Mile NNW
99	USGS40000832924	1/2 - 1 Mile NE
100	USGS40000832915	1/2 - 1 Mile NW
101	USGS40000833055	1/2 - 1 Mile NNE
102	USGS40000832413	1/2 - 1 Mile WSW
103	USGS40000833062	1/2 - 1 Mile NNW
104	USGS40000833043	1/2 - 1 Mile NE
105	USGS40000832391	1/2 - 1 Mile ESE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

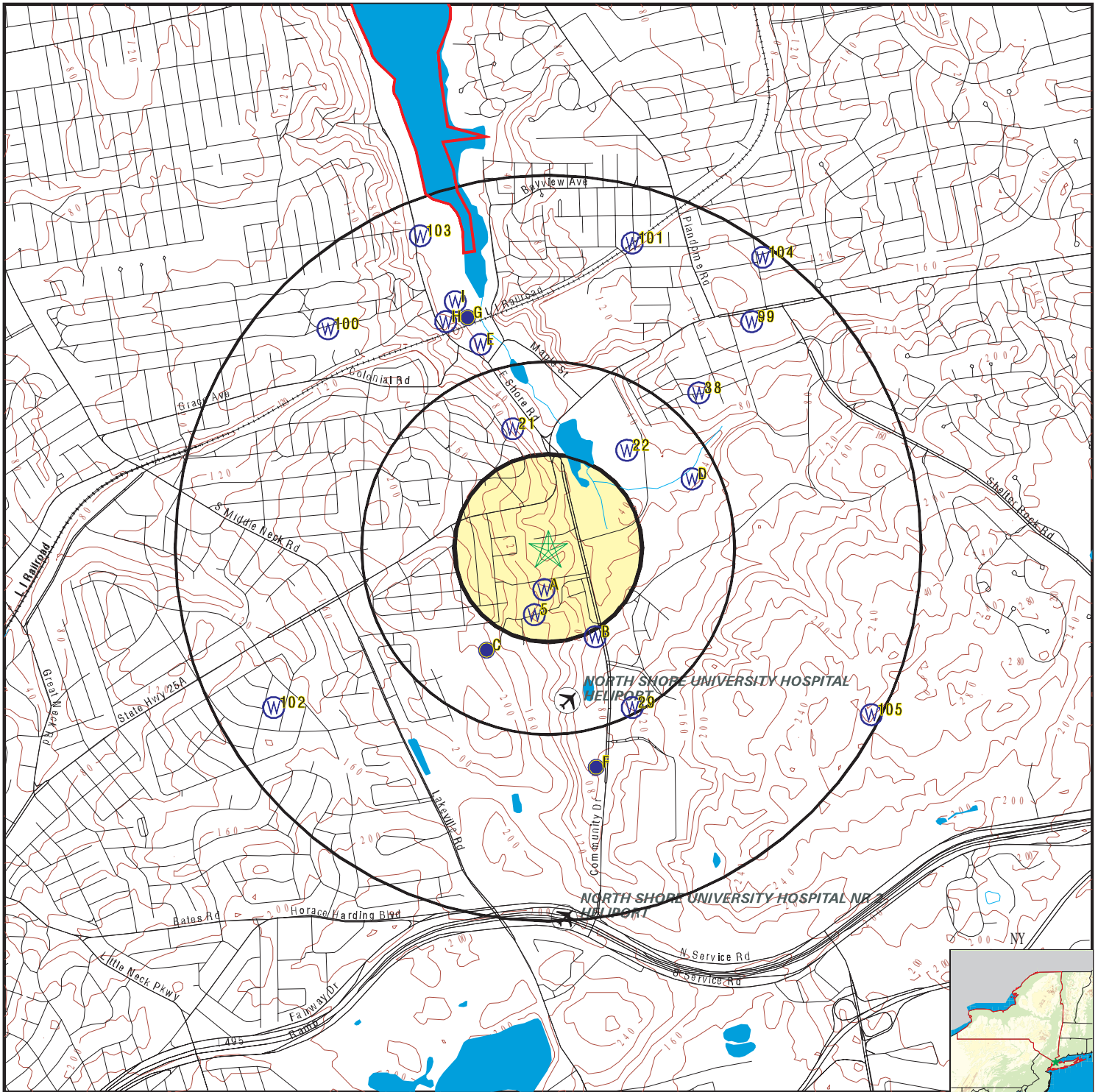
MAP ID	WELL ID	LOCATION FROM TP
C17	NY0002836	1/4 - 1/2 Mile SSW

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C18	NYWS006122	1/4 - 1/2 Mile SSW
C23	NYWS006123	1/4 - 1/2 Mile SSW
F37	NYWS006131	1/2 - 1 Mile SSE
G55	NYWS006079	1/2 - 1 Mile NNW
G57	NYWS006078	1/2 - 1 Mile NNW

# PHYSICAL SETTING SOURCE MAP - 3577394.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Mt. Olive  
 ADDRESS: HIGH ST  
 Manhasset NY 11030  
 LAT/LONG: 40.7838 / 73.7061

CLIENT: Paulus, Sokolowski & Sartor  
 CONTACT: Adrianna Bosco  
 INQUIRY #: 3577394.2s  
 DATE: April 16, 2013 10:03 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**South**  
**0 - 1/8 Mile**  
**Higher**

**FED USGS      USGS40000832578**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404656073422401		
Monloc name:	N 8255. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7823235
Longitude:	-73.7062419	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	105.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Magothy Aquifer		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	300
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**A2**  
**South**  
**0 - 1/8 Mile**  
**Higher**

**FED USGS      USGS40000832579**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404656073422402		
Monloc name:	N 8456. 1		
Monloc type:	Well		
Monloc desc:	NEW: N 8456. 2 196811		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7823235
Longitude:	-73.7062419	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	105.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	624
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	ft		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**A3**  
**SSW**  
**0 - 1/8 Mile**  
**Higher**

**FED USGS      USGS40000832580**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404656073422403		
Monloc name:	N 8456. 2		
Monloc type:	Well		
Monloc desc:	OLD: N 8456. 1		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7823235
Longitude:	-73.7067974	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	105.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Lloyd Aquifer		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	600
Welldepth units:	ft	Wellholeddepth:	624
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**A4**  
**South**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS      USGS40000832548**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404652073422401		
Monloc name:	N 8375. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7817679
Longitude:	-73.7059641	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	110.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Lloyd Aquifer		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	545
Construction date:	Not Reported	Wellholeddepth:	564
Welldepth units:	ft		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**5**  
**SSW**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS      USGS40000832549**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404652073422601		
Monloc name:	N 7399. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7812124
Longitude:	-73.7067974	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	126.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	200
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**B6**  
**SSE**  
**1/8 - 1/4 Mile**  
**Lower**

**FED USGS      USGS40000832539**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404651073421501		
Monloc name:	N 9188. 1		
Monloc type:	Well		
Monloc desc:	OLD: N 1101. 2		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7809346
Longitude:	-73.7037418	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	45.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	80
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 50

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1997-03-10		29.43	1996-12-11		27.48
1996-09-10		26.14	1996-05-16		26.29
1996-03-22		25.84	1995-12-04		25.17
1995-08-24		25.65	1995-06-14		26.31
1995-03-15		26.31	1994-12-16		25.80
1994-09-20		26.13	1994-06-08		27.48
1994-03-30		27.51	1993-12-28		26.94
1993-09-30		27.12	1993-06-18		29.11
1992-12-08		28.87	1992-08-25		28.44
1992-05-20		29.64			
Note: Water level was affected by tide stage.					
1992-03-17		29.72			
Note: Water level was affected by tide stage.					
1991-11-07		29.29	1990-03-27		29.27
1984-04-24		27.68	1983-08-11		25.35
1983-06-17		25.47	1983-04-06		25.49
1982-12-17		24.95	1982-09-01		24.07
1982-07-08		24.35	1982-03-16		25.71
1982-01-08		26.64	1981-09-01		26.40
1981-06-18		27.12	1981-03-04		27.24
1980-12-15		27.49	1980-09-04		27.54
1980-05-27		28.39	1980-03-17		27.80
1979-12-05		27.33	1979-09-12		27.60
1979-06-06		27.93	1979-03-05		27.06
1978-12-07		27.00	1978-09-11		26.64
1978-05-31		27.57	1978-03-28		27.07
1977-12-12		26.45	1977-09-01		26.90
1977-06-07		27.94	1977-03-17		28.50

**B7  
SSE  
1/8 - 1/4 Mile  
Lower**

**FED USGS USGS40000832540**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404651073421502		
Monloc name:	N 9687. 1		
Monloc type:	Well		
Monloc desc:	2 4046510734215 211MGTY 5 NC 831 2 65 0 900		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7809346
Longitude:	-73.7037418	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	90.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Magothy Aquifer		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**B8**  
**SSE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000832526**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404650073421401		
Monloc name:	N 1101. 1		
Monloc type:	Well		
Monloc desc:	NEW: N 1101. 2 195301		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7806568
Longitude:	-73.703464	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	37
Welldepth units:	ft	Wellholeddepth:	37
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 103

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1952-12-23		45.38	1952-12-04		44.74
1952-11-04		44.85	1952-10-16		44.95
1952-09-23		45.06	1952-08-29		45.15
1952-07-29		45.19	1952-06-24		45.49
1952-06-12		45.63	1952-05-26		45.06
1952-04-30		44.93	1952-04-01		44.78
1952-02-27		44.52	1952-02-07		44.54
1951-11-21		44.18	1951-05-14		44.87
1950-12-28		44.30	1950-08-30		44.77
1950-04-13		45.38	1949-11-01		45.26
1949-06-15		45.95	1949-01-05		46.16
1948-07-14		46.01	1948-04-08		45.79
1947-10-27		44.68	1947-04-08		45.91
1946-09-24		45.10	1946-04-18		45.24
1943-06-25		43.72	1943-05-28		44.09
1943-04-30		44.01	1943-03-29		43.94
1943-02-26		43.72	1943-01-29		43.44
1943-01-01		43.60	1942-11-30		43.32
1942-10-30		43.28	1942-10-02		43.56

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1942-09-25		43.80	1942-08-31		43.65
1942-08-19		43.87	1942-07-31		43.37
1942-06-29		42.94	1942-06-25		43.15
1942-05-29		43.13	1942-05-01		43.29
1942-03-30		43.44	1942-02-27		43.10
1942-01-30		42.98	1942-01-23		43.19
1942-01-02		43.03	1941-12-01		42.98
1941-10-31		42.97	1941-09-29		42.93
1941-08-29		43.47	1941-08-01		43.38
1941-06-30		43.56	1941-06-18		44.06
1941-06-02		43.76	1941-05-05		44.19
1941-03-28		44.44	1941-03-05		44.37
1941-02-28		44.32	1941-01-31		44.28
1940-12-27		44.34	1940-12-03		44.55
1940-11-29		44.52	1940-11-01		44.28
1940-10-04		44.45	1940-09-27		44.31
1940-08-30		44.48	1940-08-02		44.53
1940-06-28		45.01	1940-05-31		45.20
1940-05-02		45.27	1940-04-29		45.20
1940-04-03		44.96	1940-03-29		44.88
1940-03-01		44.71	1940-02-02		44.54
1940-01-05		44.57	1939-12-29		44.54
1939-12-01		44.58	1939-11-03		44.55
1939-09-29		44.18	1939-09-19		44.25
1939-09-01		44.42	1939-08-15		44.10
1939-07-28		44.24	1939-06-30		44.66
1939-06-16		45.01	1939-06-02		45.15
1939-04-28		45.62	1939-04-21		45.69
1939-03-24		45.24	1938-12-29		44.19
1938-10-12		43.97	1938-09-28		44.05
1938-03-15		43.85	1938-02-15		43.81
1937-10-17		42.99	1937-07-29		43.94
1936-09-26		30.87			

**B9**  
**SSE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS USGS40000832527**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404650073421402		
Monloc name:	N 1101. 2		
Monloc type:	Well		
Monloc desc:	OLD: N 1101. 1 197701 NEW: N 9188. 1 197701		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7806568
Longitude:	-73.703464	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	19
Construction date:	Not Reported	Wellholedepth:	19
Welldepth units:	ft		
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 215

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1976-12-02		38.57	1976-09-01		39.83
1976-06-07		40.71	1976-03-17		41.39
1975-12-15		40.73	1975-09-15		40.21
1975-06-16		40.31	1975-03-24		39.78
1974-12-27		38.37	1974-09-19		39.04
1974-06-04		40.29	1974-03-18		39.43
1973-12-04		39.09	1973-09-20		39.98
1973-06-15		40.71	1973-03-20		40.23
1972-12-15		39.48	1972-09-13		39.12
1972-06-06		39.77	1972-03-29		38.90
1971-12-17		37.33	1971-09-21		37.26
1971-07-14		37.51	1971-04-20		38.81
1971-03-18		37.78	1970-12-08		36.44
1970-10-27		37.29	1970-09-04		37.50
1970-06-04		38.96	1970-05-05		40.01
1970-03-05		38.81	1969-12-23		38.53
1969-10-29		38.11	1969-09-23		37.89
1969-08-26		38.78	1969-07-28		38.73
1969-06-25		38.91	1969-05-26		39.24
1969-04-25		39.16	1969-03-27		38.54
1969-02-26		37.62	1969-01-27		37.61
1968-12-26		37.83	1968-11-25		37.49
1968-10-31		37.07	1968-09-27		37.67
1968-08-27		38.15	1968-07-25		38.75
1968-06-26		39.16	1968-06-03		39.05
1968-04-25		38.92	1968-03-26		39.04
1968-02-26		38.19	1968-01-30		38.16
1967-12-27		37.98	1967-12-14		37.23
1967-12-01		37.69	1967-10-27		38.22
1967-10-02		37.72	1967-09-27		38.53
1967-08-28		39.12	1967-07-26		39.36
1967-07-12		38.84	1967-06-28		39.66
1967-05-26		40.21	1967-04-27		39.67
1967-04-13		38.76	1967-03-27		39.22
1967-02-28		38.03	1967-01-23		37.66
1966-12-29		37.43	1966-12-19		36.70
1966-12-02		37.59	1966-10-26		37.83
1966-09-26		37.81	1966-09-16		36.85
1966-08-26		37.69	1966-07-26		38.00
1966-06-27		38.24	1966-06-01		37.85
1966-05-25		38.41	1966-04-26		38.08
1966-03-25		38.45	1966-03-01		38.47
1966-02-23		37.57	1966-01-27		37.78
1965-12-28		37.83	1965-12-01		37.95
1965-11-04		37.30	1965-10-29		38.09
1965-09-29		38.46	1965-08-30		38.87
1965-08-18		38.41	1965-07-26		39.41
1965-06-28		39.76	1965-06-01		39.34
1965-05-25		40.14	1965-04-28		40.36
1965-03-30		40.21	1965-03-10		39.56

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1965-02-26		40.27	1965-01-28		39.59
1965-01-04		39.64	1964-11-30		38.86
1964-11-23		39.56	1964-10-27		39.93
1964-09-30		40.26	1964-08-24		40.86
1964-07-23		41.07	1964-07-06		40.99
1964-06-17		40.43	1964-05-25		41.09
1964-04-24		41.23	1964-03-24		40.86
1964-03-02		40.76	1964-01-30		40.81
1964-01-08		40.02	1963-12-18		39.22
1963-11-27		39.84	1963-11-01		39.56
1963-10-04		39.71	1963-09-11		39.03
1963-08-27		39.92	1963-07-25		39.96
1963-06-27		40.11	1963-06-18		39.48
1963-05-23		40.41	1963-04-24		40.73
1963-03-25		41.12	1963-03-05		40.96
1963-03-04		40.18	1963-01-29		40.86
1962-11-26		40.34	1962-10-29		40.73
1962-08-16		40.20	1962-06-25		41.17
1962-04-25		41.78	1962-03-08		40.98
1962-01-05		41.17	1961-12-13		40.23
1961-10-31		41.05	1961-07-10		41.16
1961-06-27		41.97	1960-12-28		41.21
1960-11-28		41.18	1960-11-15		40.50
1960-07-06		41.24	1960-06-06		40.65
1960-01-08		41.33	1959-11-10		40.49
1959-10-07		39.54	1959-07-02		40.91
1959-05-04		40.58	1959-01-07		41.14
1958-11-20		40.99	1958-11-06		41.84
1958-07-02		42.51	1958-04-17		42.25
1957-12-18		40.24	1957-11-06		40.74
1957-07-22		40.67	1957-07-03		41.66
1957-04-22		41.49	1956-12-19		41.73
1956-11-29		41.59	1956-11-20		40.74
1956-10-25		41.38	1956-10-01		41.29
1956-08-28		41.48	1956-07-25		41.79
1956-06-26		42.03	1956-06-01		42.27
1956-05-01		42.43	1956-04-09		41.82
1956-03-05		42.29	1956-01-25		41.98
1955-12-20		42.06	1955-11-25		41.34
1955-11-23		42.34	1955-11-02		42.03
1955-10-03		41.71	1955-08-23		42.78
1955-08-01		41.85	1955-07-20		41.16
1955-06-24		42.19	1955-05-25		42.36
1955-04-27		42.63	1955-04-01		42.12
1955-03-29		42.92	1955-02-25		42.74
1955-01-25		42.83	1954-12-28		42.78
1954-12-02		42.76	1954-10-27		42.37
1954-09-27		42.61	1954-09-15		41.86
1954-08-26		42.11	1954-07-26		42.24
1954-06-30		42.44	1954-05-26		42.56
1954-04-27		42.74	1954-04-19		42.09
1954-03-26		42.86	1953-11-23		42.63
1953-10-27		42.65	1953-09-26		42.63
1953-09-18		45.11	1953-08-25		45.31
1953-08-05		45.58	1953-05-25		46.19

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1953-04-30		46.25	1953-04-02		46.25
1953-03-23		46.79	1953-02-27		45.65
1953-02-04		45.56			

**B10**  
**SSE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000832510**

Org. Identifier:	USGS-NY			
Formal name:	USGS New York Water Science Center			
Monloc Identifier:	USGS-404648073421509			
Monloc name:	N 2127. 1			
Monloc type:	Well			
Monloc desc:	Not Reported			
Huc code:	02030201	Drainagearea value:	Not Reported	
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported	
Contrib drainagearea units:	Not Reported	Latitude:	40.7801013	
Longitude:	-73.7037418	Sourcemap scale:	24000	
Horiz Acc measure:	1	Horiz Acc measure units:	seconds	
Horiz Collection method:	Interpolated from map			
Horiz coord refsys:	NAD83	Vert measure val:	60.0	
Vert measure units:	feet	Vertacc measure val:	0.1	
Vert accmeasure units:	feet			
Vertcollection method:	Level or other surveying method			
Vert coord refsys:	NGVD29	Countrycode:	US	
Aquifername:	Northern Atlantic Coastal Plain aquifer system			
Formation type:	Glacial Aquifer, Upper			
Aquifer type:	Not Reported			
Construction date:	Not Reported		Welldepth:	Not Reported
Welldepth units:	Not Reported		Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported			

Ground-water levels, Number of Measurements: 0

**B11**  
**SSE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000832509**

Org. Identifier:	USGS-NY			
Formal name:	USGS New York Water Science Center			
Monloc Identifier:	USGS-404648073421508			
Monloc name:	N 2126. 1			
Monloc type:	Well			
Monloc desc:	Not Reported			
Huc code:	02030201	Drainagearea value:	Not Reported	
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported	
Contrib drainagearea units:	Not Reported	Latitude:	40.7801013	
Longitude:	-73.7037418	Sourcemap scale:	24000	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**B12**  
**SSE**  
 1/4 - 1/2 Mile  
 Lower

**FED USGS      USGS40000832508**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404648073421507		
Monloc name:	N 2169. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7801013
Longitude:	-73.7037418	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	58.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Magothy Aquifer		
Aquifer type:	Confined single aquifer		
Construction date:	Not Reported	Welldepth:	239
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**B13**  
**SSE**  
 1/4 - 1/2 Mile  
 Lower

**FED USGS      USGS40000832511**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404648073421510		
Monloc name:	N 2128. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7801013
Longitude:	-73.7037418	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**B14**  
**SSE**  
 1/4 - 1/2 Mile  
 Lower

**FED USGS      USGS40000832514**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404648073421513		
Monloc name:	N 2131. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7801013
Longitude:	-73.7037418	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**B15**  
**SSE**  
 1/4 - 1/2 Mile  
 Lower

**FED USGS      USGS40000832513**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404648073421512		
Monloc name:	N 2130. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7801013
Longitude:	-73.7037418	Sourcemap scale:	24000



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**B16**  
**SSE**  
 1/4 - 1/2 Mile  
 Lower

**FED USGS      USGS40000832512**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404648073421511		
Monloc name:	N 2129. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7801013
Longitude:	-73.7037418	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**C17**  
**SSW**  
 1/4 - 1/2 Mile  
 Higher

**FRDS PWS      NY0002836**

PWS ID:	NY0002836		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	MANHASSET LAKEVILLE W.D. 170 EAST SHORE ROAD MANHASSET, NY 11030		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Addressee / Facility:	System Owner/Responsible Party	
	JENNINGS BRIAN P	
	MANHASSET-LAKEVILLE WATER DIST	
	170 EAST SHORE ROAD	
	MANHASSET, NY 11030	
Facility Latitude:	40 46 12	Facility Longitude: 073 40 12
Facility Latitude:	40 46 51	Facility Longitude: 073 40 06
Facility Latitude:	40 46 48	Facility Longitude: 073 42 33
Facility Latitude:	40 45 12	Facility Longitude: 073 42 09
Facility Latitude:	40 45 44	Facility Longitude: 073 41 49
Facility Latitude:	40 47 29	Facility Longitude: 073 40 04
Facility Latitude:	40 47 33	Facility Longitude: 073 42 40
Facility Latitude:	40 47 25	Facility Longitude: 073 40 04
Facility Latitude:	40 46 32	Facility Longitude: 073 42 14
Facility Latitude:	40 46 46	Facility Longitude: 073 42 35
Facility Latitude:	40 45 45	Facility Longitude: 073 41 50
Facility Latitude:	40 47 33	Facility Longitude: 073 42 38
Facility Latitude:	40 48 05	Facility Longitude: 073 41 11
Facility Latitude:	40 47 12	Facility Longitude: 073 41 03
City Served:	NORTH HEMPSTEAD (T)	
Treatment Class	Not Reported	Population: Not Reported

Violations information not reported.

**C18**  
**SSW**  
**1/4 - 1/2 Mile**  
**Higher**

**NY WELLS      NYWS006122**

Well Id:	NY2902836	System name:	MANHASSET LAKEVILLE W.D.
System Id:	N-07651	Well name:	EDEN 23
Type:	Well	Active?:	Active
County:	NASSAU COUNTY	Latitude:	404648 000
Longitude:	734233 000	Slec_type_:	AC
Agency:	SCHRADER, PAUL		
Address:	P.O. BOX 359		
City/State/Zip:	MANHASSET NY 11030		
Phone:	516-627-9454		

**C19**  
**SSW**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS40000832501**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404647073423501		
Monloc name:	N 5099. 2		
Monloc type:	Well		
Monloc desc:	OLD: N 5099. 1		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7798236
Longitude:	-73.7092975	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	189.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Magothy Aquifer		
Aquifer type:	Confined single aquifer		
Construction date:	Not Reported	Welldepth:	399
Welldepth units:	ft	Wellholedepth:	434
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 22

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-04-26		26.30	1978-03-21		25.38
1977-03-23		19.40	1976-03-16		27.20
1975-03-17		25.41	1974-03-25		20.80
1973-03-20		21.29	1972-03-13		21.80
1971-03-10		23.97	1970-03-02		24.47
1969-12-04		24.40	1964-12-08		28.19
1957-03-29		39.42	1957-02-04		38.59
1957-01-04		39.31	1956-11-05		36.67
1956-10-02		39.45	1956-08-24		38.90
1956-08-02		37.96	1956-04-04		39.18
1956-01-03		38.76	1955-12-01		38.14

**C20  
SSW  
1/4 - 1/2 Mile  
Higher**

**FED USGS USGS40000832502**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404647073423503		
Monloc name:	N 5099. 1		
Monloc type:	Well		
Monloc desc:	NEW: N 5099. 2 195507		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7798236
Longitude:	-73.7092975	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	189.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	434
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	ft		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**21**  
**NNW**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS40000832759**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404718073423001		
Monloc name:	N 4302. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7884345
Longitude:	-73.7079085	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	123.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	124
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**22**  
**NE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000832707**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404711073415701		
Monloc name:	N 7846. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7876011
Longitude:	-73.702075	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	129
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**C23**  
**SSW**  
**1/4 - 1/2 Mile**  
**Higher**

**NY WELLS      NYWS006123**

Well Id:	NY2902836	System name:	MANHASSET LAKEVILLE W.D.
System Id:	N-07126	Well name:	CAMPBELL 1
Type:	Well	Active?:	Active
County:	NASSAU COUNTY	Latitude:	404646 000
Longitude:	734235 000	Slec_type_:	AC
Agency:	SCHRADER, PAUL		
Address:	P.O. BOX 359		
City/State/Zip:	MANHASSET NY 11030		
Phone:	516-627-9454		

**D24**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000832709**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404711073415703		
Monloc name:	N 1031. 2		
Monloc type:	Well		
Monloc desc:	OLD: N 1031. 1		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.78649
Longitude:	-73.6987416	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	123
Welldepth units:	ft	Wellholedepth:	123
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**D25**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000832708**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404711073415702		
Monloc name:	N 1031. 1		
Monloc type:	Well		
Monloc desc:	NEW: N 1031. 2 195105		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.78649
Longitude:	-73.6987416	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	170
Welldepth units:	ft	Wellholedepth:	170
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**D26**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000832712**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404711073415706		
Monloc name:	N 1034. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.78649
Longitude:	-73.6987416	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	170
Welldepth units:	ft	Wellholedepth:	170
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**D27**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000832711**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404711073415705		
Monloc name:	N 1033. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.78649
Longitude:	-73.6987416	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	170
Welldepth units:	ft	Wellholedepth:	170
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**D28**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000832710**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404711073415704		
Monloc name:	N 1032. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.78649
Longitude:	-73.6987416	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	170
Construction date:	Not Reported	Wellholeddepth:	170
Welldepth units:	ft		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**29**  
**SSE**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS40000832412**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404639073420801		
Monloc name:	N 3954. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7776013
Longitude:	-73.7017973	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	149
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E30**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832871**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404729073423401		
Monloc name:	N 862. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.79149
Longitude:	-73.7090197	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	150
Construction date:	Not Reported	Wellholeddepth:	150
Welldepth units:	ft		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**E31**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832872**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404729073423601		
Monloc name:	N 724. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.79149
Longitude:	-73.7095752	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholeddepth:	150
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**E32**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832873**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404729073423602		
Monloc name:	N 861. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.79149
Longitude:	-73.7095752	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E33**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832874**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404729073423603		
Monloc name:	N 7971. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.79149
Longitude:	-73.7095752	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	143
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E34**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832889**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404730073423501		
Monloc name:	N 867. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7917678
Longitude:	-73.7092975	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	150
Construction date:	Not Reported	Wellholeddepth:	150
Welldepth units:	ft		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**E35**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832890**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404730073423601		
Monloc name:	N 860. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7917678
Longitude:	-73.7095752	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholeddepth:	150
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**E36**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832891**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404730073423602		
Monloc name:	N 7970. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7917678
Longitude:	-73.7095752	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported  
 Construction date: Not Reported  
 Welldepth units: ft  
 Wellholeddepth units: Not Reported  
 Welldepth: 141  
 Wellholeddepth: Not Reported

Ground-water levels, Number of Measurements: 0

**F37  
SSE  
1/2 - 1 Mile  
Higher**

**NY WELLS NYWS006131**

Well Id:	NY2902836	System name:	MANHASSET LAKEVILLE W.D.
System Id:	N-09308	Well name:	E. SHORE RD. 5
Type:	Well	Active?:	Active
County:	NASSAU COUNTY	Latitude:	404632 000
Longitude:	734214 000	Slec_type_:	AC
Agency:	SCHRADER, PAUL		
Address:	P.O. BOX 359		
City/State/Zip:	MANHASSET NY 11030		
Phone:	516-627-9454		

**38  
NE  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40000832841**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404726073415501		
Monloc name:	N 9897. 1		
Monloc type:	Well		
Monloc desc:	LAT/LONG UPDATES FROM SIM 3066		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7898333
Longitude:	-73.6983889	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from Digital Map		
Horiz coord refsys:	NAD83	Vert measure val:	96.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	90
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 22

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-03-22		25.71	1997-03-10		27.24
1996-12-11		26.31	1996-09-11		25.73
1996-05-15		26.26	1996-03-19		25.52

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1995-12-05		24.99	1995-08-23		25.44
1995-06-13		26.45	1995-03-16		26.88
1994-12-16		26.61	1994-09-22		26.60
1994-06-07		27.64	1994-03-31		26.86
1993-12-28		26.26	1993-09-30		26.23
1993-06-18		27.80	1993-03-25		27.54
1992-12-08		27.05			
1992-05-20		28.01			
Note: Water level was affected by tide stage.					
1992-03-17		27.79			
Note: Water level was affected by tide stage.					
1991-11-07		27.84			

**E39**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000832892**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404730073423701		
Monloc name:	N 859. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7917678
Longitude:	-73.709853	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**E40**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000832893**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404730073423702		
Monloc name:	N 7969. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7917678
Longitude:	-73.709853	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	142
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**F41  
SSE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000832326**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404631073421501		
Monloc name:	N 1618. 2		
Monloc type:	Well		
Monloc desc:	OLD: N 1618. 1		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7753791
Longitude:	-73.7037418	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	82.5
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Lloyd Aquifer		
Aquifer type:	Confined single aquifer		
Construction date:	Not Reported	Welldepth:	556
Welldepth units:	ft	Wellholedepth:	584
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 55

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1996-04-03		0.71	1995-04-13		7.32
1991-04-11		4.75	1990-04-26		5.39
1988-12-19		-0.24	1987-01-15		0.91
1986-02-13		1.01	1985-01-03		7.86
1984-01-17		-1.06	1982-01-07		-0.49
1982-01-07		-0.61	1981-01-16		4.83
1980-01-28		-0.63	1979-01-17		1.09
1978-01-25		-4.87	1978-01-01		1.80
1977-01-27		1.63	1976-01-21		5.34
1975-02-28		5.18	1975-01-19		4.17

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1974-01-28		-2.16	1972-01-04		-3.15
1970-12-23		-2.36	1969-10-14		-3.23
1964-12-29		-6.38	1964-12-08		-10.94
1961-03-14		6.43	1957-04-30		5.60
1957-03-28		4.90	1956-11-05		7.41
1956-10-02		-0.18	1956-08-07		-4.03
1956-07-16		5.59	1956-06-06		5.87
1956-05-01		2.00	1956-02-27		6.01
1955-11-01		3.50	1955-10-03		-1.73
1955-05-31		-4.50	1955-04-22		10.91
1955-03-30		13.06	1955-02-28		6.00
1955-01-31		8.64	1954-12-28		7.58
1954-12-06		4.00	1954-11-03		4.43
1954-09-27		2.56	1952-03-17		-0.60
1949-04-12		2.15	1948-06-15		2.46
1948-05-10		2.00	1947-03-12		12.82
1946-05-29		12.55	1946-05-28		12.61
1946-01-17		12.77			

**F42**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40000832327**

Org. Identifier: USGS-NY  
 Formal name: USGS New York Water Science Center  
 Monloc Identifier: USGS-404631073421503  
 Monloc name: N 1618. 1  
 Monloc type: Well  
 Monloc desc: NEW: N 1618. 2 194103  
 Huc code: 02030201  
 Drainagearea Units: Not Reported  
 Contrib drainagearea units: Not Reported  
 Longitude: -73.7037418  
 Horiz Acc measure: 1  
 Horiz Collection method: Interpolated from map  
 Horiz coord refsys: NAD83  
 Vert measure units: feet  
 Vert accmeasure units: feet  
 Vertcollection method: Level or other surveying method  
 Vert coord refsys: NGVD29  
 Aquifername: Northern Atlantic Coastal Plain aquifer system  
 Formation type: Lloyd Aquifer  
 Aquifer type: Not Reported  
 Construction date: Not Reported  
 Welldepth units: ft  
 Wellholedepth units: ft

Drainagearea value: Not Reported  
 Contrib drainagearea: Not Reported  
 Latitude: 40.7753791  
 Sourcemap scale: 24000  
 Horiz Acc measure units: seconds  
 Vert measure val: 80.0  
 Vertacc measure val: 0.1  
 Countrycode: US  
 Welldepth: 585  
 Wellholedepth: 585

Ground-water levels, Number of Measurements: 0

**E43**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000832903**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404731073423601		
Monloc name:	N 858. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7920456
Longitude:	-73.7095752	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**E44**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832904**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404731073423602		
Monloc name:	N 7968. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7920456
Longitude:	-73.7095752	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	138
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**G45**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832913**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404732073423701		
Monloc name:	N 854. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7923234
Longitude:	-73.709853	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**G46**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832914**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404732073423702		
Monloc name:	N 7964. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7923234
Longitude:	-73.709853	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	140
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G47**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832905**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404731073424101		
Monloc name:	N 856. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7920456
Longitude:	-73.7109642	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**H48**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832906**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404731073424201		
Monloc name:	N 857. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7920456
Longitude:	-73.711242	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	150
Construction date:	Not Reported	Wellholeddepth:	150
Welldepth units:	ft		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**H49**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832907**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404731073424202		
Monloc name:	N 7967. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7920456
Longitude:	-73.711242	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	140
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**F50**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000832301**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404629073421301		
Monloc name:	N 5110. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7748236
Longitude:	-73.7031862	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	82.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	406
Construction date:	Not Reported	Wellholeddepth:	406
Welldepth units:	ft		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**G51**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832926**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404733073423802		
Monloc name:	N 868. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7926011
Longitude:	-73.7101308	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G52**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832927**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404733073423803		
Monloc name:	N 869. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7926011
Longitude:	-73.7101308	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	150
Construction date:	Not Reported	Wellholeddepth:	150
Welldepth units:	ft		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**G53**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832928**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404733073423804		
Monloc name:	N 870. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7926011
Longitude:	-73.7101308	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholeddepth:	150
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**G54**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832925**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404733073423801		
Monloc name:	N 864. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7926011
Longitude:	-73.7101308	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	Not Reported		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G55**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**NY WELLS      NYWS006079**

Well Id:	NY2902836	System name:	MANHASSET LAKEVILLE W.D.
System Id:	N-04243	Well name:	PARKWAY 2
Type:	Well	Active?:	Active
County:	NASSAU COUNTY	Latitude:	404733 000
Longitude:	734238 000	Slec_type_:	AC
Agency:	SCHRADER, PAUL		
Address:	P.O. BOX 359		
City/State/Zip:	MANHASSET NY 11030		
Phone:	516-627-9454		

**G56**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832929**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404733073424001		
Monloc name:	N 7966. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7926011
Longitude:	-73.7106864	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	141
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G57**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**NY WELLS      NYWS006078**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Id:	NY2902836	System name:	MANHASSET LAKEVILLE W.D.
System Id:	N-03905	Well name:	PARKWAY 1
Type:	Well	Active?:	Active
County:	NASSAU COUNTY	Latitude:	404733 000
Longitude:	734240 000	Slec_type_:	AC
Agency:	SCHRADER, PAUL		
Address:	P.O. BOX 359		
City/State/Zip:	MANHASSET NY 11030		
Phone:	516-627-9454		

**G58**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832946**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073423701		
Monloc name:	N 853. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.709853	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**G59**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832947**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073423702		
Monloc name:	N 7963. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.709853	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	138
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G60**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832948**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073423801		
Monloc name:	N 852. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.7101308	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**G61**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832948**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073423802		
Monloc name:	N 7758. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.7101308	Sourcemap scale:	24000



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	141
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G62  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832950**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073423901		
Monloc name:	N 848. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.7104086	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**G63  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832951**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073423902		
Monloc name:	N 7755. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.7104086	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	141
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G64**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832952**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073423903		
Monloc name:	N 7757. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.7104086	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	141
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**H65**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832930**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404733073424301		
Monloc name:	N 855. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7926011
Longitude:	-73.7115197	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**H66  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832931**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404733073424302		
Monloc name:	N 866. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7926011
Longitude:	-73.7115197	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**H67  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832932**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404733073424303		
Monloc name:	N 7965. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7926011
Longitude:	-73.7115197	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	138
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G68**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832959**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073423601		
Monloc name:	N 850. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7931567
Longitude:	-73.7095752	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**G69**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832960**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073423602		
Monloc name:	N 7962. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7931567
Longitude:	-73.7095752	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	133
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G70  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832953**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073424008		
Monloc name:	N 25. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.7106864	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	147
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----	-----	-----	-----	-----	-----
1976-01-21	5.89		1950-03-17		15.54

**G71  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832961**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073423801		
Monloc name:	N 849. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7931567
Longitude:	-73.7101308	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G72**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832962**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073423802		
Monloc name:	N 865. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7931567
Longitude:	-73.7101308	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**G73**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832963**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073423803		
Monloc name:	N 7756. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7931567
Longitude:	-73.7101308	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	141
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**H74**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832955**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073424202		
Monloc name:	N 846. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.711242	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	150
Construction date:	Not Reported	Wellholeddepth:	150
Welldepth units:	ft		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**H75**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832954**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073424201		
Monloc name:	N 708. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.711242	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholeddepth:	150
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**H76**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832957**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073424204		
Monloc name:	N 7751. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.711242	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	139
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**H77**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832956**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404734073424203		
Monloc name:	N 7750. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7928789
Longitude:	-73.711242	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	139
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I78**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832965**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073424101		
Monloc name:	N 9308. 2		
Monloc type:	Well		
Monloc desc:	OLD: N 9308. 1		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7931567
Longitude:	-73.7106864	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.2
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Lloyd Aquifer		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	410
Construction date:	Not Reported	Wellholedepth:	446
Welldepth units:	ft		
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 17

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-04-08		4.17	2003-03-26		5.87
1995-04-13		5.42			
Note: Water level was affected by tide stage.					
1994-05-05		4.58			
Note: Water level was affected by tide stage.					
1993-04-08		8.77			
Note: Water level was affected by tide stage.					
1992-03-20		10.00			
Note: Water level was affected by tide stage.					
1991-04-11		-0.46			
Note: Water level was affected by tide stage.					
1990-04-06		5.80			
Note: Water level was affected by tide stage.					
1988-12-19		0.85			
Note: Water level was affected by tide stage.					
1987-01-15		1.73			
Note: Water level was affected by tide stage.					
1987-01-15		1.73			
Note: Water level was affected by tide stage.					
1986-02-13		2.08			
Note: Water level was affected by tide stage.					
1985-01-03		7.14			
Note: Water level was affected by tide stage.					
1984-01-17		-0.01			
Note: Water level was affected by tide stage.					
1983-01-12		1.39			
Note: Water level was affected by tide stage.					
1982-01-07		1.82	1981-11-24		5.98

**I79  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS USGS40000832980**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404736073423701		
Monloc name:	N 720. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7934344
Longitude:	-73.709853	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported  
 Construction date: Not Reported  
 Welldepth units: ft  
 Wellholeddepth units: ft  
 Welldepth: 150  
 Wellholeddepth: 150

Ground-water levels, Number of Measurements: 0

**I80**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832966**

Org. Identifier: USGS-NY  
 Formal name: USGS New York Water Science Center  
 Monloc Identifier: USGS-404735073424201  
 Monloc name: N 24. 2  
 Monloc type: Well  
 Monloc desc: OLD: N 24. 1 195506    NEW: N 24. 3 195506  
 Huc code: 02030201                      Drainagearea value: Not Reported  
 Drainagearea Units: Not Reported                      Contrib drainagearea: Not Reported  
 Contrib drainagearea units: Not Reported                      Latitude: 40.7931567  
 Longitude: -73.7109642                      Sourcemap scale: 24000  
 Horiz Acc measure: 1                      Horiz Acc measure units: seconds  
 Horiz Collection method: Interpolated from map  
 Horiz coord refsys: NAD83                      Vert measure val: 11.8  
 Vert measure units: feet                      Vertacc measure val: 0.1  
 Vert accmeasure units: feet  
 Vertcollection method: Level or other surveying method  
 Vert coord refsys: NGVD29                      Countrycode: US  
 Aquifername: Northern Atlantic Coastal Plain aquifer system  
 Formation type: Lloyd Aquifer  
 Aquifer type: Confined single aquifer  
 Construction date: Not Reported                      Welldepth: 428  
 Welldepth units: ft                      Wellholeddepth: Not Reported  
 Wellholeddepth units: Not Reported

Ground-water levels, Number of Measurements: 23

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1955-02-07		11.25	1955-01-25		9.92
1954-12-06		4.30	1954-10-01		5.28
1954-09-29		5.20	1954-09-28		5.26
1954-09-27		5.44	1954-09-24		5.11
1954-09-23		5.28	1954-05-24		3.81
1954-04-24		-2.25	1954-03-22		-3.92
1954-02-23		-3.44	1953-12-17		5.51
1953-05-01		-1.52	1952-03-19		-0.61
1952-03-18		0.18	1952-03-17		-0.03
1950-02-14		4.70	1949-04-07		1.94
1948-04-06		6.36	1946-05-29		6.99
1945-12-10		3.68			

**I81**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832967**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073424217		
Monloc name:	N 24. 1		
Monloc type:	Well		
Monloc desc:	NEW: N 24. 2 193203		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7931567
Longitude:	-73.7109642	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	12.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	460
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I82  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832969**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073424219		
Monloc name:	N 704. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7931567
Longitude:	-73.711242	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**183**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832968**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073424218		
Monloc name:	N 24. 3		
Monloc type:	Well		
Monloc desc:	OLD: N 24. 2		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7931567
Longitude:	-73.711242	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	11.8
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Lloyd Aquifer		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	421
Welldepth units:	ft	Wellholedepth:	459
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 60

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1997-03-10		-31.48			
	Note: Water level was affected by tide stage.				
1996-09-10		-31.11			
	Note: Water level was affected by tide stage.				
1996-03-22		-1.39			
	Note: Water level was affected by tide stage.				
1995-12-04		-8.94			
	Note: Water level was affected by tide stage.				
1995-08-24		-38.54			
	Note: Water level was affected by tide stage.				
1995-06-14		1.62			
	Note: Water level was affected by tide stage.				
1995-04-13		2.93			
	Note: Water level was affected by tide stage.				
1995-03-15		4.71			
	Note: Water level was affected by tide stage.				
1994-12-16		2.19			
	Note: Water level was affected by tide stage.				
1994-09-20		-40.96			
	Note: Water level was affected by tide stage.				
1994-06-08		-37.97			
	Note: Water level was affected by tide stage.				
1991-04-11		-3.71			
	Note: Water level was affected by tide stage.				

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1990-04-06		0.81			
Note: Water level was affected by tide stage.					
1988-12-19		-5.20			
Note: Water level was affected by tide stage.					
1988-02-19		-4.94			
Note: Water level was affected by tide stage.					
1987-01-15		-3.54			
Note: Water level was affected by tide stage.					
1986-02-13		-3.31			
Note: Water level was affected by tide stage.					
1985-01-03		7.04			
Note: Water level was affected by tide stage.					
1984-01-17		-0.02			
Note: Water level was affected by tide stage.					
1983-01-12		1.32			
1983-01-02		1.32			
Note: Water level was affected by tide stage.					
1982-01-07		1.94	1982-01-07		1.94
1981-01-16		4.07	1980-01-28		1.07
1979-01-17		2.29	1978-02-01		0.34
1978-01-25		-4.60	1977-01-21		4.85
1976-01-21		5.89	1975-01-14		5.25
1974-01-29		3.55	1973-01-11		-2.65
1972-01-04		2.53			
Note: Water level was affected by tide stage.					
1970-12-23		1.65			
Note: Water level was affected by tide stage.					
1964-12-08		3.75	1961-12-12		8.72
1961-03-14		12.18	1957-07-05		-5.83
1957-03-29		11.02	1957-02-04		9.80
1957-01-04		6.97	1956-11-05		8.03
1956-10-02		1.20	1956-08-07		-2.47
1956-07-17		4.30	1956-06-06		4.12
1956-06-01		4.18	1956-02-27		8.20
1956-02-01		6.00	1956-01-05		6.52
1955-11-04		1.76	1955-09-30		0.00
1955-08-19		-2.77	1955-07-29		-11.38
1955-07-12		-7.06	1955-07-11		-11.90
1955-06-22		-2.03	1955-05-31		-3.08
1955-05-26		-2.41			

**I84  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS USGS40000832972**

Org. Identifier:	USGS-NY	Drainagearea value:	Not Reported
Formal name:	USGS New York Water Science Center	Contrib drainagearea:	Not Reported
Monloc Identifier:	USGS-404735073424222	Latitude:	40.7931567
Monloc name:	N 7749. 1	Sourcemap scale:	24000
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201		
Drainagearea Units:	Not Reported		
Contrib drainagearea units:	Not Reported		
Longitude:	-73.711242		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	141
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I85  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832971**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073424221		
Monloc name:	N 7748. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7931567
Longitude:	-73.711242	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	146
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I86  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832970**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073424220		
Monloc name:	N 707. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7931567
Longitude:	-73.711242	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**I87**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832981**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404736073423901		
Monloc name:	N 718. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7934345
Longitude:	-73.7104086	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**I88**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832982**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404736073423902		
Monloc name:	N 7753. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7934345
Longitude:	-73.7104086	Sourcemap scale:	24000



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	140
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**189**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832983**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404736073424001		
Monloc name:	N 847. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7934345
Longitude:	-73.7106864	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**190**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832984**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404736073424002		
Monloc name:	N 7752. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7934345
Longitude:	-73.7106864	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	141
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I91**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832964**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404735073424001		
Monloc name:	N 9308. 1		
Monloc type:	Well		
Monloc desc:	NEW: N 9308. 2 197805		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7934345
Longitude:	-73.7109642	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.2
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	443
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I92**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000832994**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404737073423801		
Monloc name:	N 719. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7937122
Longitude:	-73.7101308	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**I93  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832995**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404737073423802		
Monloc name:	N 7754. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7937122
Longitude:	-73.7101308	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	139
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I94  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832986**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404736073424205		
Monloc name:	N 863. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7934345
Longitude:	-73.711242	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**I95  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832985**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404736073424204		
Monloc name:	N 703. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7934345
Longitude:	-73.711242	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**I96  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832993**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404737073423501		
Monloc name:	N 7747. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7934345
Longitude:	-73.711242	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	138
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I97  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000832987**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404736073424206		
Monloc name:	N 7961. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7934345
Longitude:	-73.711242	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	140
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I98  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000833006**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404738073424001		
Monloc name:	N 851. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.79399
Longitude:	-73.7106864	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**99  
NE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000832924**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404733073414601		
Monloc name:	N 4128. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.792601
Longitude:	-73.6956859	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	137.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	180
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**100  
NW  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000832915**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404732073430401		
Monloc name:	N 5135. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7923234
Longitude:	-73.7173533	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	135.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	164
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**101**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000833055**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404744073420801		
Monloc name:	N 9898. 1		
Monloc type:	Well		
Monloc desc:	1 4047440734208 112GLCLU1 NC 735 2 66 01180		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7956566
Longitude:	-73.7017972	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	118.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1991-11-07		22.57

**102**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000832413**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404639073431401		
Monloc name:	N 6088. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7776015
Longitude:	-73.7201312	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	118.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	103
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**103  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000833062**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404745073424701		
Monloc name:	N 7216. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7959344
Longitude:	-73.7126309	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	117
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**104**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000833043**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404742073414401		
Monloc name:	N 4596. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.795101
Longitude:	-73.6951303	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	121.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	139
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1977-04-19		4.45	1956-11-15		31.17

**105**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000832391**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404638073412401		
Monloc name:	N 8564. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7773234
Longitude:	-73.6895747	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	148.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Magothy Aquifer		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	320
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

# 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
NASSAU	GLEN COVE	6	2.53	2.15	5.5
NASSAU	HEMPSTEAD	350	1.19	0.86	8.3
NASSAU	LONG BEACH (CITY DESIGNATION)	2	0.25	0.2	0.4
NASSAU	N. HEMPSTEAD	164	1.61	1.2	7.5
NASSAU	OYSTER BAY	208	1.77	1.2	13.9

Federal EPA Radon Zone for NASSAU 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 NASSAU COUNTY, NY

Number of sites tested: 226

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.640 pCi/L	98%	2%	0%
Basement	1.100 pCi/L	98%	2%	0%

# 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.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## 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 and 2005 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<sup>R</sup> 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 Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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**APPENDIX C**

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**Sanborn Fire Insurance Maps**



**Mt. Olive**

HIGH ST

Manhasset, NY 11030

Inquiry Number: 3577394.3

April 16, 2013

## Certified Sanborn® Map Report



# Certified Sanborn® Map Report

4/16/13

**Site Name:**

Mt. Olive  
HIGH ST  
Manhasset, NY 11030

**Client Name:**

Paulus, Sokolowski & Sartor  
55 Main St 3rd Floor  
Yonkers, NY 10701



EDR Inquiry # 3577394.3

Contact: Adrianna Bosco

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Paulus, Sokolowski & Sartor were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

**Site Name:** Mt. Olive  
**Address:** HIGH ST  
**City, State, Zip:** Manhasset, NY 11030  
**Cross Street:**  
**P.O. #** NA  
**Project:** Mt. Olive  
**Certification #** E6AE-41CC-AB8F



Sanborn® Library search results  
Certification # E6AE-41CC-AB8F

**Maps Provided:**

1980          1926  
1970  
1961  
1951  
1950  
1936

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, 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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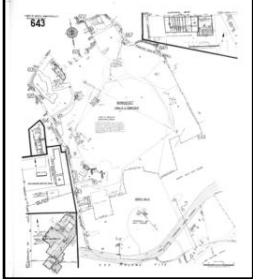
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## Sanborn Sheet Thumbnails

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



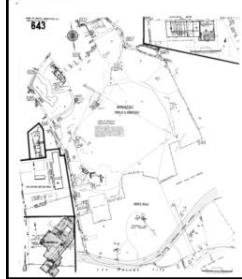
### 1980 Source Sheets



Volume 6, Sheet 643



Volume 1, Sheet 514



Volume 1, Sheet 643

### 1970 Source Sheets



Volume 5, Sheet 514

### 1961 Source Sheets



Volume 6, Sheet 643



Volume 5, Sheet 514

### 1951 Source Sheets



Volume 6, Sheet 643

**1950 Source Sheets**



Volume 5, Sheet 514

**1936 Source Sheets**



Volume 5&6, Sheet 514



Volume 5&6, Sheet 643

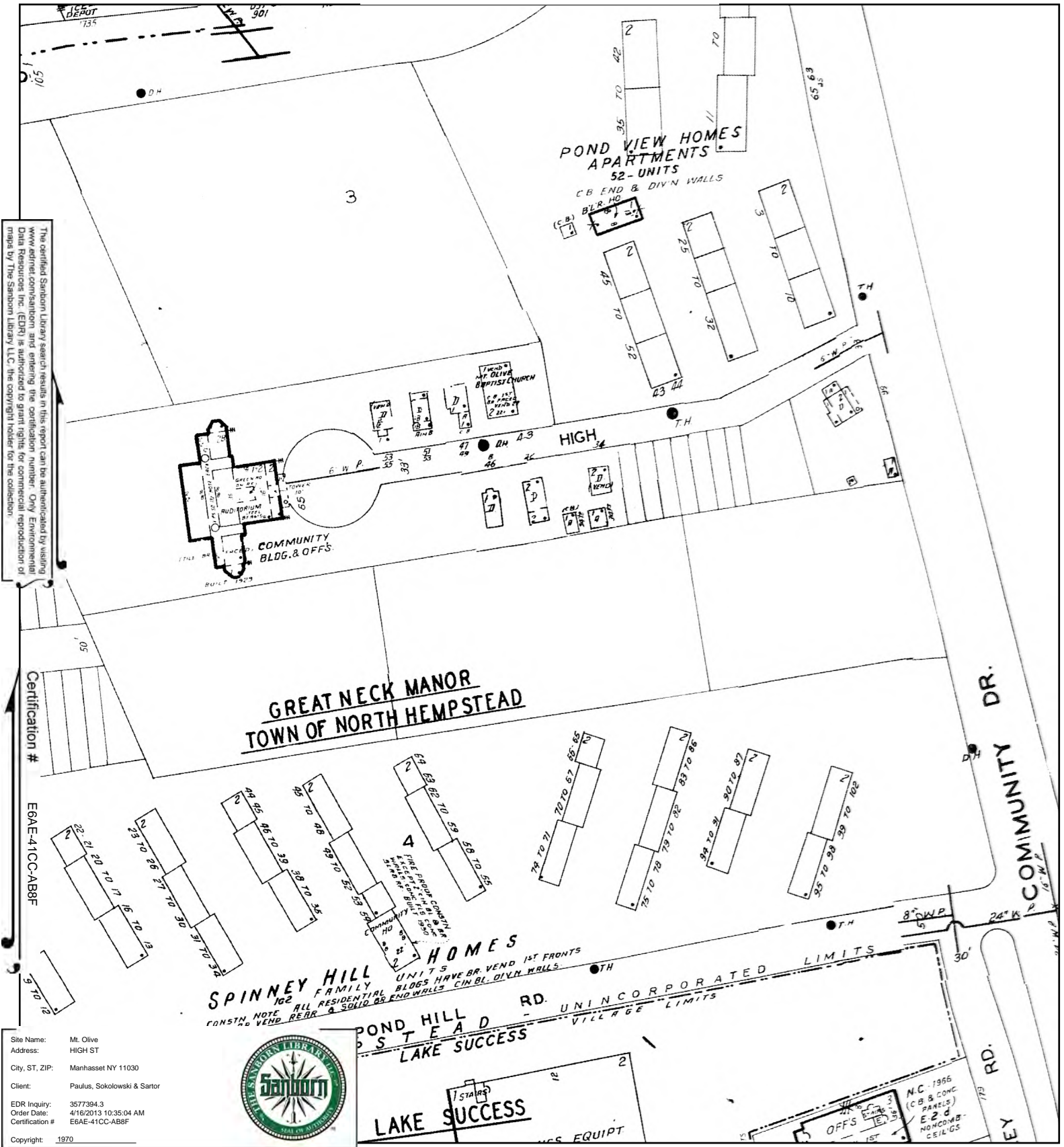
**1926 Source Sheets**



Volume 1, Sheet 14



# 1970 Certified Sanborn Map



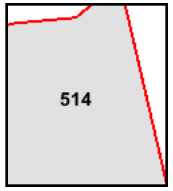
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Certification # E6AE-41CC-AB8F

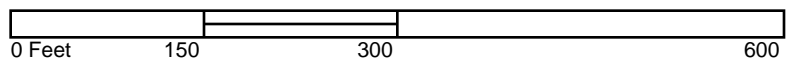
Site Name: Mt. Olive  
 Address: HIGH ST  
 City, ST, ZIP: Manhasset NY 11030  
 Client: Paulus, Sokolowski & Sartor  
 EDR Inquiry: 3577394.3  
 Order Date: 4/16/2013 10:35:04 AM  
 Certification #: E6AE-41CC-AB8F  
 Copyright: 1970



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

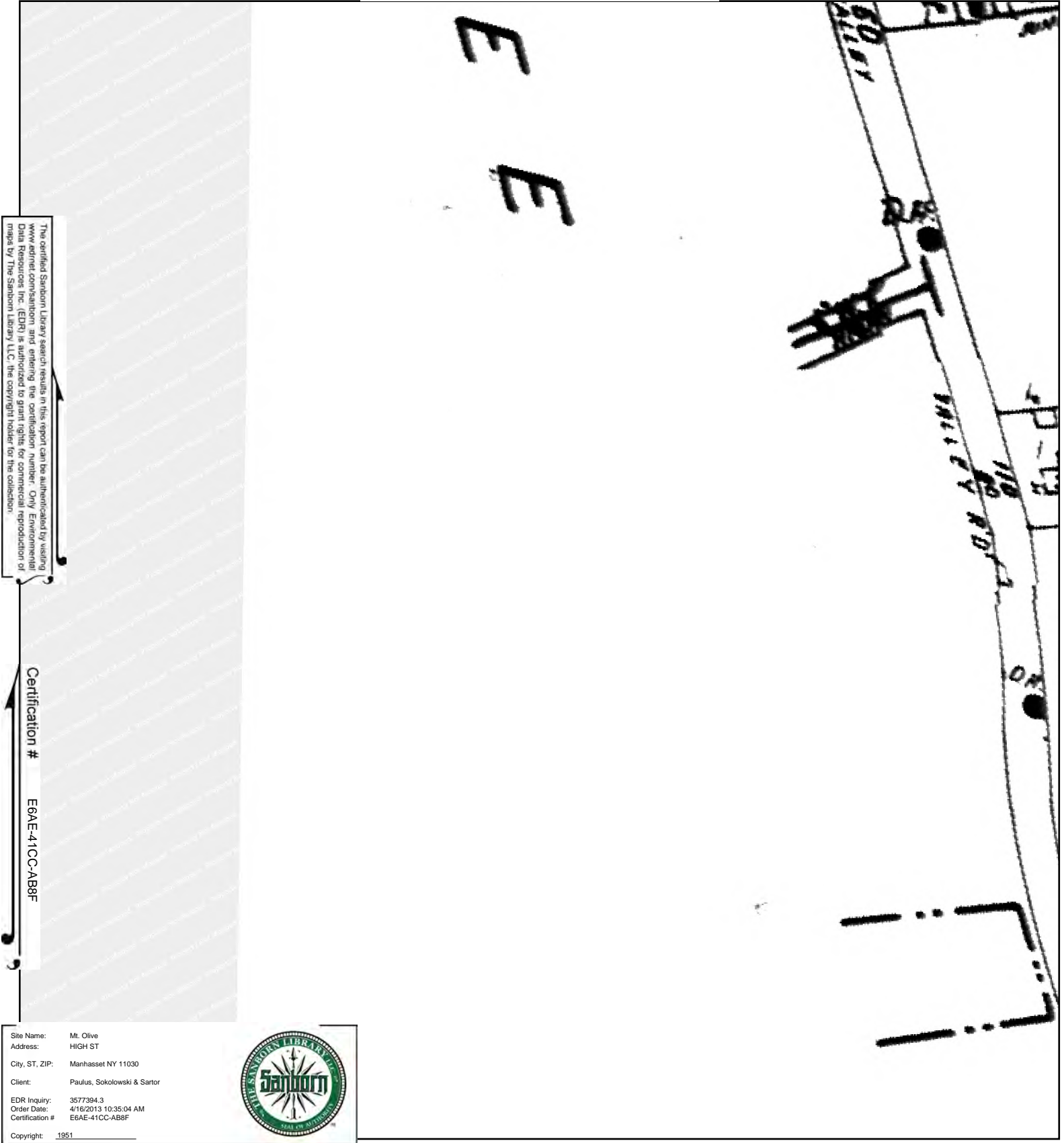


Volume 5, Sheet 314





# 1951 Certified Sanborn Map



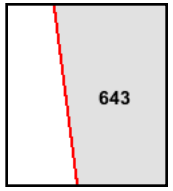
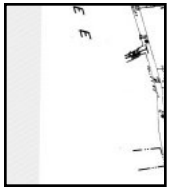
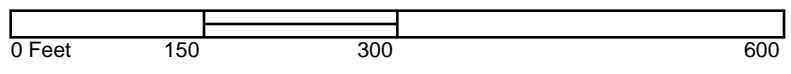
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Certification # E6AE-41CC-AB8F

Site Name: Mt. Olive  
 Address: HIGH ST  
 City, ST, ZIP: Manhasset NY 11030  
 Client: Paulus, Sokolowski & Sartor  
 EDR Inquiry: 3577394.3  
 Order Date: 4/16/2013 10:35:04 AM  
 Certification # E6AE-41CC-AB8F  
 Copyright: 1951



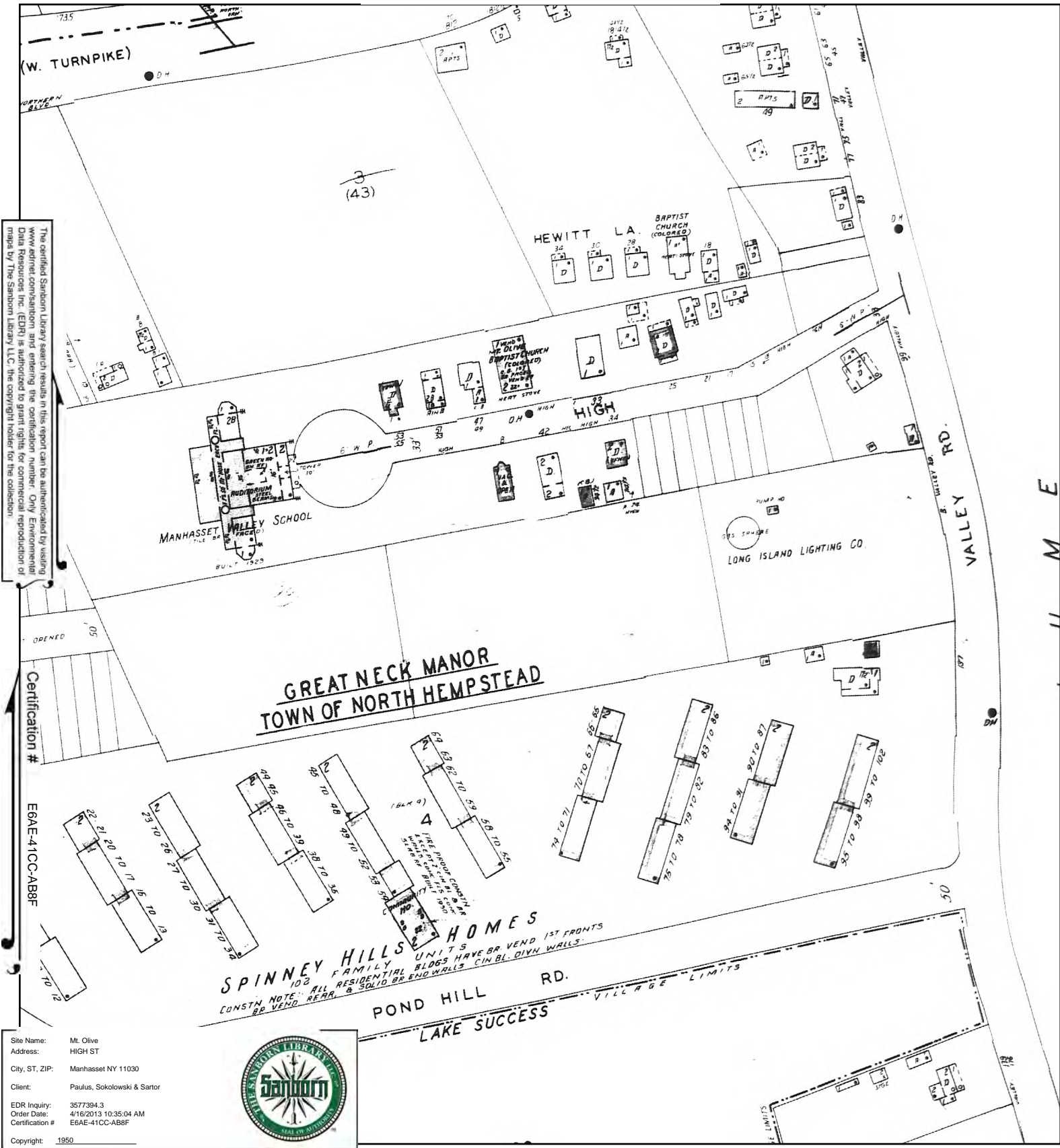
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 6, Sheet 643



# 1950 Certified Sanborn Map



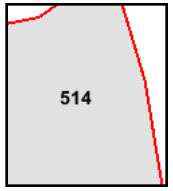
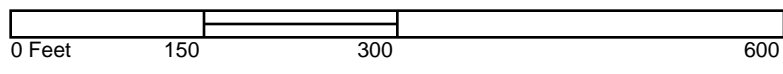
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Certification #  
E6AE-41CC-AB8F

Site Name: Mt. Olive  
Address: HIGH ST  
City, ST, ZIP: Manhasset NY 11030  
Client: Paulus, Sokolowski & Sartor  
EDR Inquiry: 3577394.3  
Order Date: 4/16/2013 10:35:04 AM  
Certification #: E6AE-41CC-AB8F  
Copyright: 1950



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

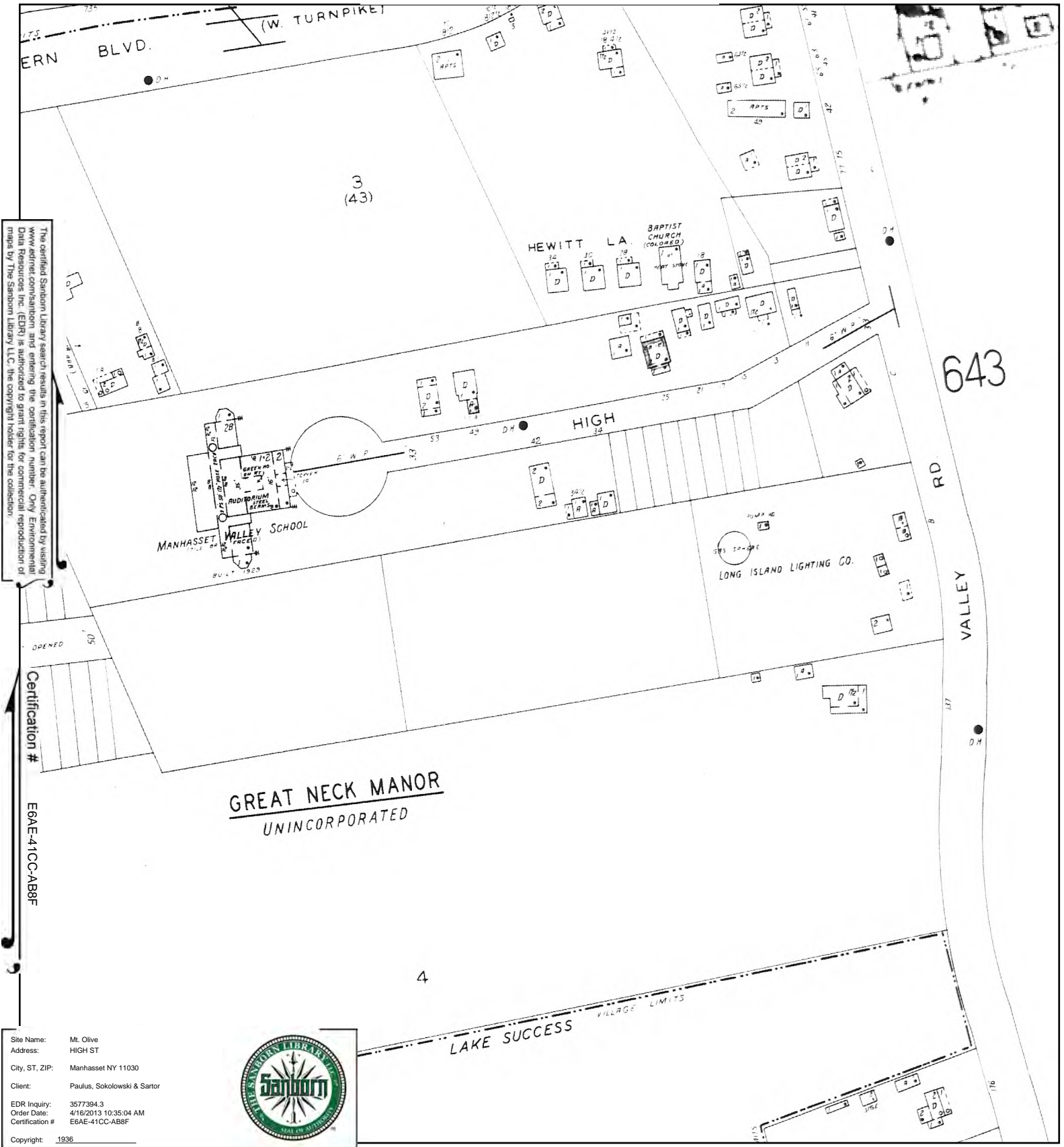


Volume 5, Sheet 514





# 1936 Certified Sanborn Map



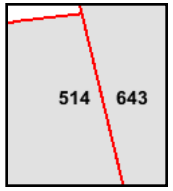
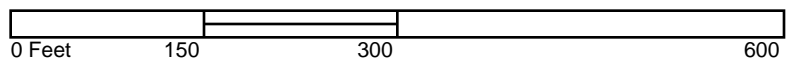
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Certification # E6AE-41CC-AB8F

Site Name: Mt. Olive  
 Address: HIGH ST  
 City, ST, ZIP: Manhasset NY 11030  
 Client: Paulus, Sokolowski & Sartor  
 EDR Inquiry: 3577394.3  
 Order Date: 4/16/2013 10:35:04 AM  
 Certification # E6AE-41CC-AB8F  
 Copyright: 1936



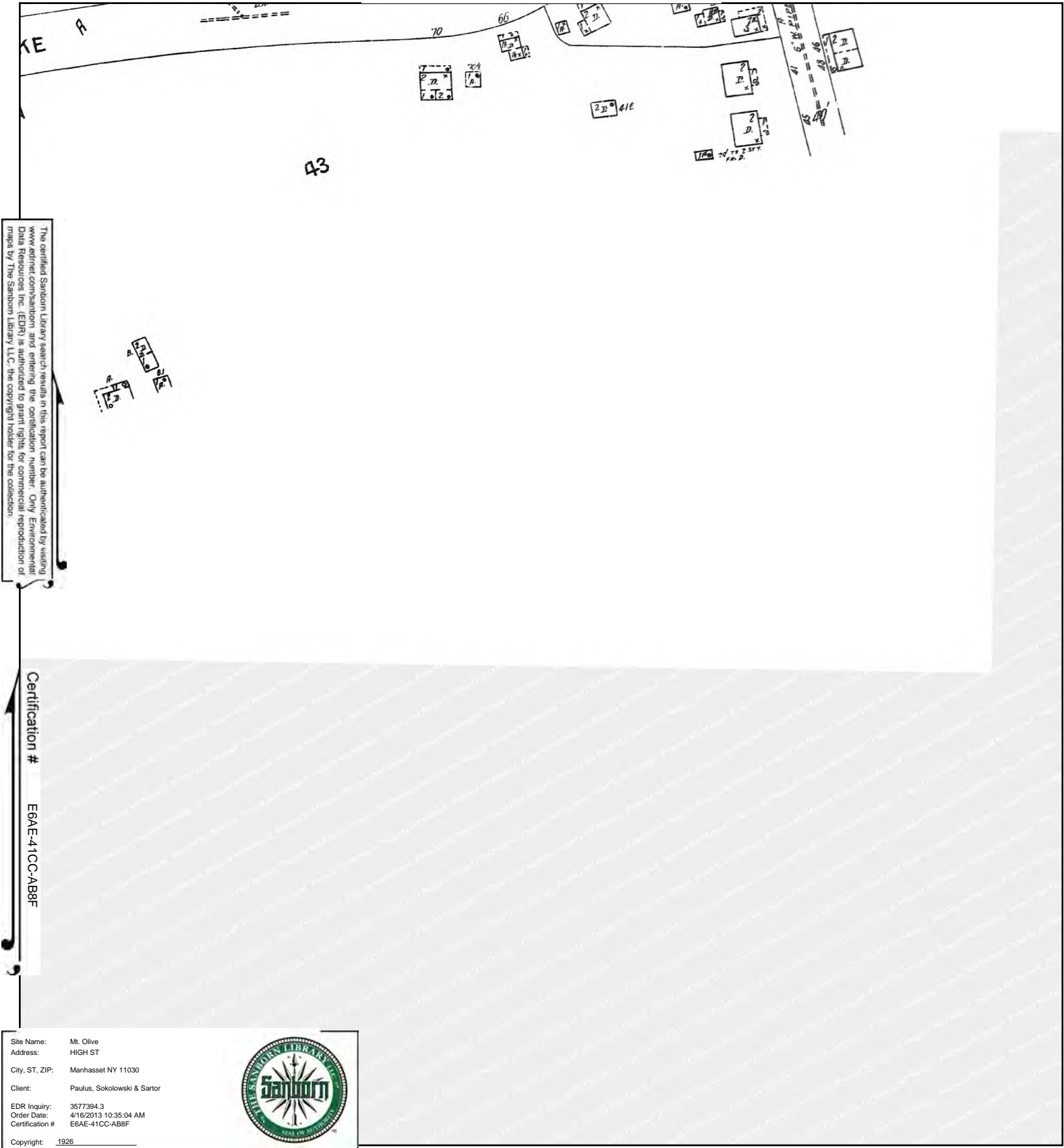
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



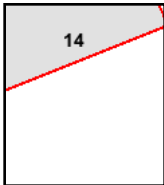
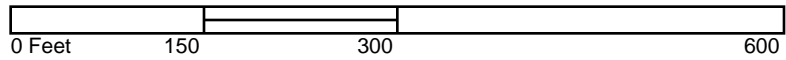
Volume 5&6, Sheet 514  
 Volume 5&6, Sheet 643



# 1926 Certified Sanborn Map



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 14



**APPENDIX D**

---

**Historical Aerial Photographs**



**Mt. Olive**

HIGH ST

Manhasset, NY 11030

Inquiry Number: 3577394.5

April 16, 2013

## The EDR Aerial Photo Decade Package



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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

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**Date EDR Searched Historical Sources:**

Aerial Photography April 16, 2013

**Target Property:**

HIGH ST

Manhasset, NY 11030

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-G6, Sea Cliff, NY;/Flight Date: February 19, 1954	EDR
1966	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-G6, Sea Cliff, NY;/Flight Date: February 23, 1966	EDR
1976	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-G6, Sea Cliff, NY;/Flight Date: March 29, 1976	EDR
1980	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-G6, Sea Cliff, NY;/Flight Date: April 06, 1980	EDR
1984	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-G6, Sea Cliff, NY;/Flight Date: May 01, 1984	EDR
1994	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-G6, Sea Cliff, NY;/DOQQ - acquisition dates: April 04, 1994	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-G6, Sea Cliff, NY;/Flight Year: 2006	EDR
2009	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-G6, Sea Cliff, NY;/Flight Year: 2009	EDR
2011	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-G6, Sea Cliff, NY;/Flight Year: 2011	EDR



**INQUIRY #:** 3577394.5

**YEAR:** 1954

|—————| = 500'

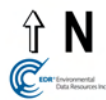




INQUIRY #: 3577394.5

YEAR: 1966

| = 500'







**INQUIRY #:** 3577394.5

**YEAR:** 1976

**|** = 500'





INQUIRY #: 3577394.5

YEAR: 1980

| = 500'





INQUIRY #: 3577394.5

YEAR: 1984

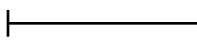
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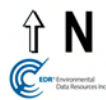




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**YEAR:** 1994

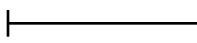
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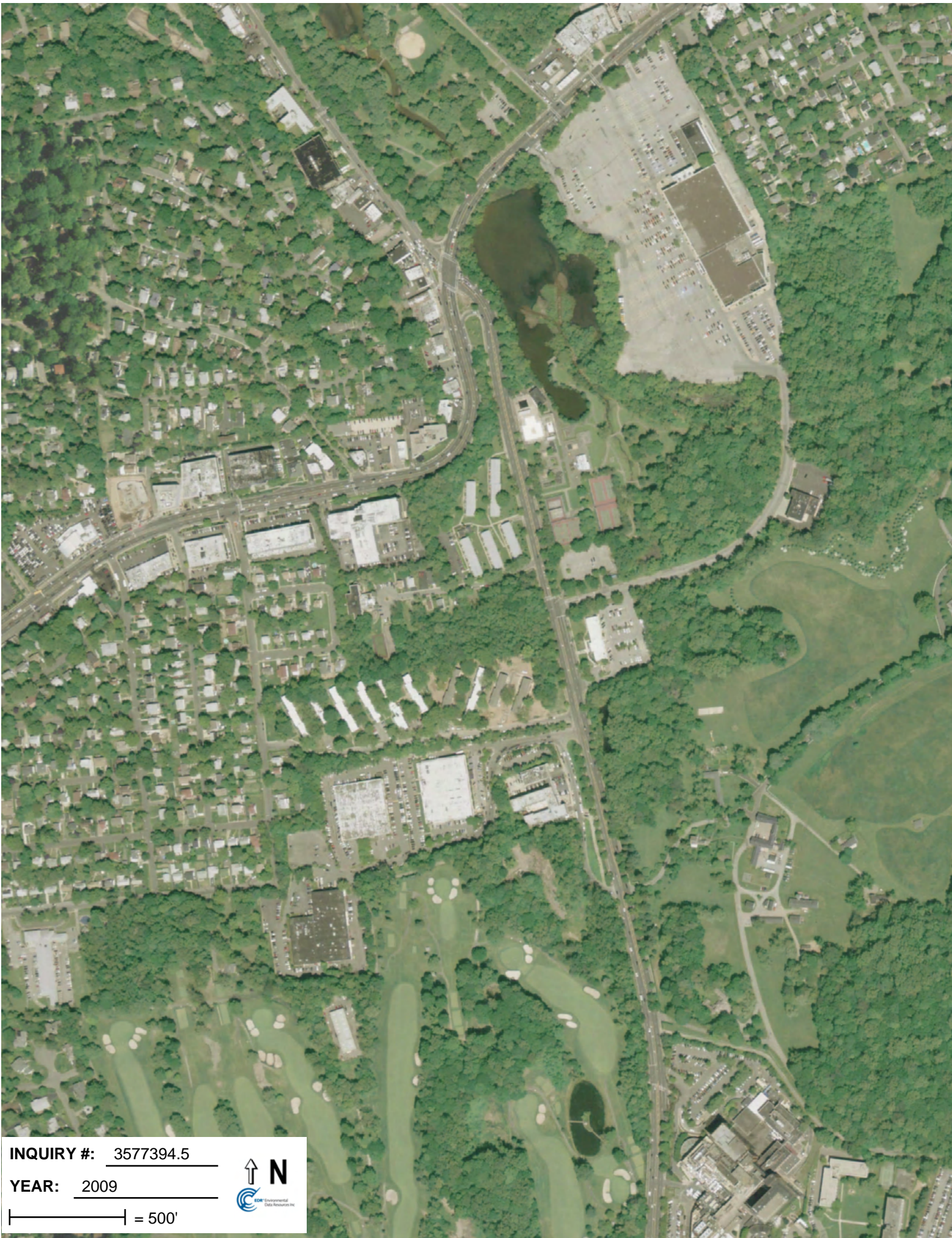


**INQUIRY #:** 3577394.5

**YEAR:** 2006

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**INQUIRY #:** 3577394.5

**YEAR:** 2009

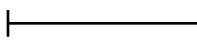
| = 500'





**INQUIRY #:** 3577394.5

**YEAR:** 2011

 = 500'



**APPENDIX E**

---

**Historical Topographic Maps**





**Mt. Olive**

HIGH ST

Manhasset, NY 11030

Inquiry Number: 3577394.4

April 16, 2013

## EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

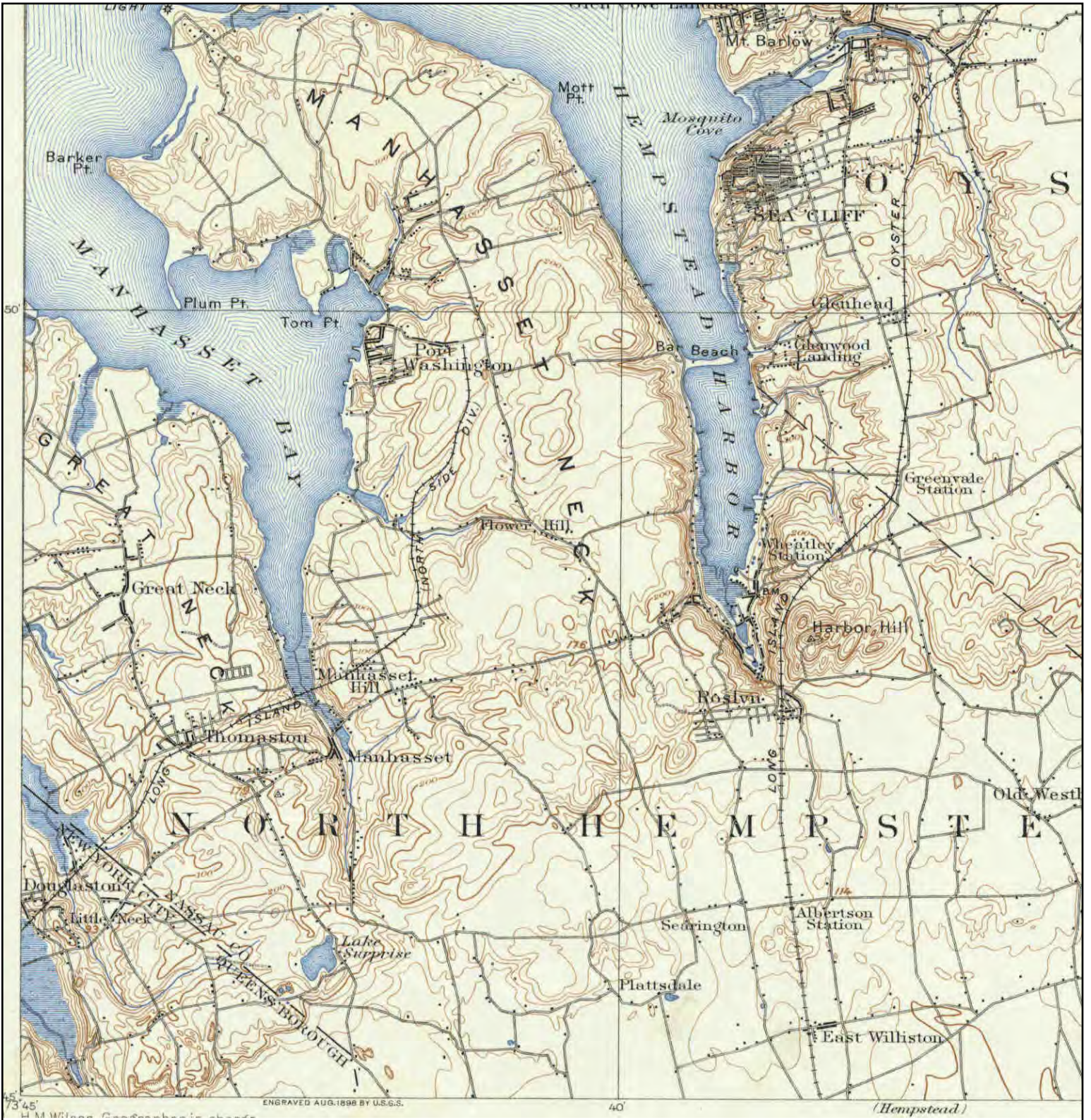
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# Historical Topographic Map



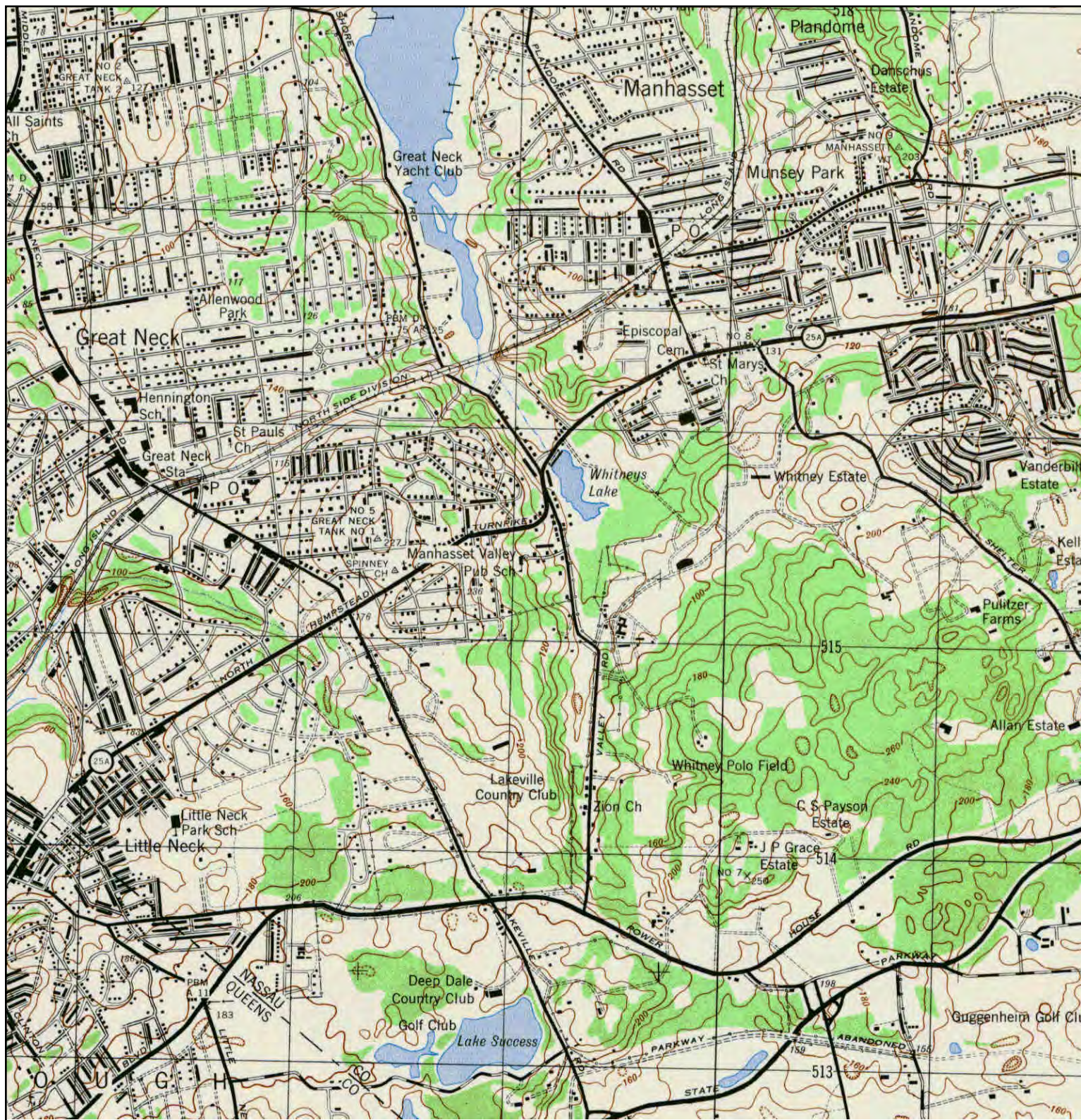
<p>N</p>	<p><b>TARGET QUAD</b>                  NAME: OYSTER BAY                  MAP YEAR: 1900</p>	<p><b>SITE NAME:</b> Mt. Olive  <b>ADDRESS:</b> HIGH ST                  Manhasset, NY 11030  <b>LAT/LONG:</b> 40.7838 / -73.7061</p>	<p><b>CLIENT:</b> Paulus, Sokolowski &amp; Sartor  <b>CONTACT:</b> Adrianna Bosco  <b>INQUIRY#:</b> 3577394.4  <b>RESEARCH DATE:</b> 04/16/2013</p>
	<p><b>SERIES:</b> 15  <b>SCALE:</b> 1:62500</p>		


# Historical Topographic Map



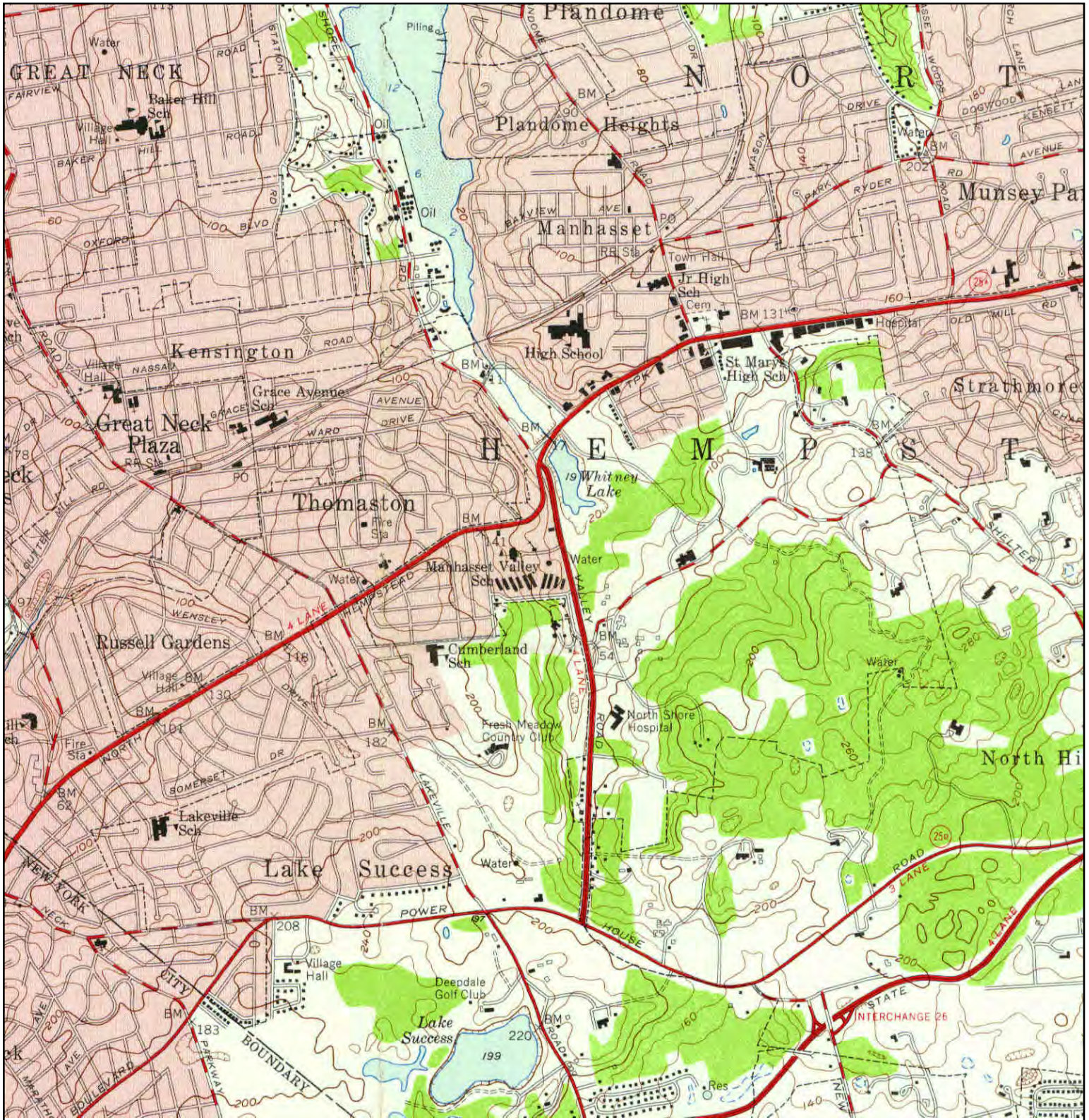
	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Mt. Olive	<b>CLIENT:</b> Paulus, Sokolowski & Sartor
	<b>NAME:</b> CAMP MILLS	<b>ADDRESS:</b> HIGH ST	<b>CONTACT:</b> Adrianna Bosco
	<b>MAP YEAR:</b> 1918	Manhasset, NY 11030	<b>INQUIRY#:</b> 3577394.4
	<b>SERIES:</b> 15	<b>LAT/LONG:</b> 40.7838 / -73.7061	<b>RESEARCH DATE:</b> 04/16/2013
	<b>SCALE:</b> 1:62500		

# Historical Topographic Map



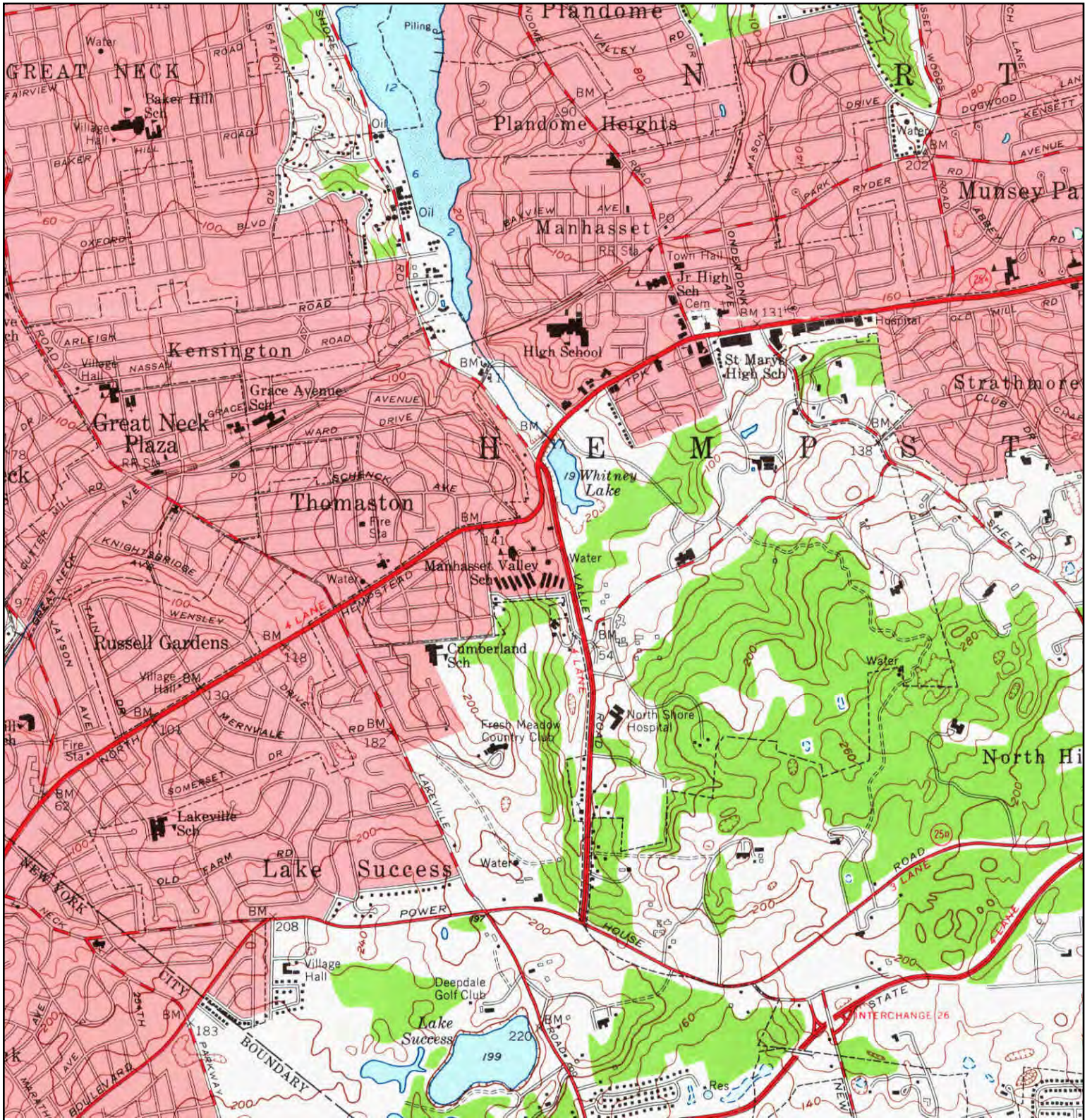
<p>N</p> 	<p><b>TARGET QUAD</b>                  NAME: SEA CLIFF                  MAP YEAR: 1947</p>	<p><b>SITE NAME:</b> Mt. Olive  <b>ADDRESS:</b> HIGH ST                  Manhasset, NY 11030  <b>LAT/LONG:</b> 40.7838 / -73.7061</p>	<p><b>CLIENT:</b> Paulus, Sokolowski &amp; Sartor  <b>CONTACT:</b> Adrianna Bosco  <b>INQUIRY#:</b> 3577394.4  <b>RESEARCH DATE:</b> 04/16/2013</p>
	<p><b>SERIES:</b> 7.5  <b>SCALE:</b> 1:25000</p>		

# Historical Topographic Map



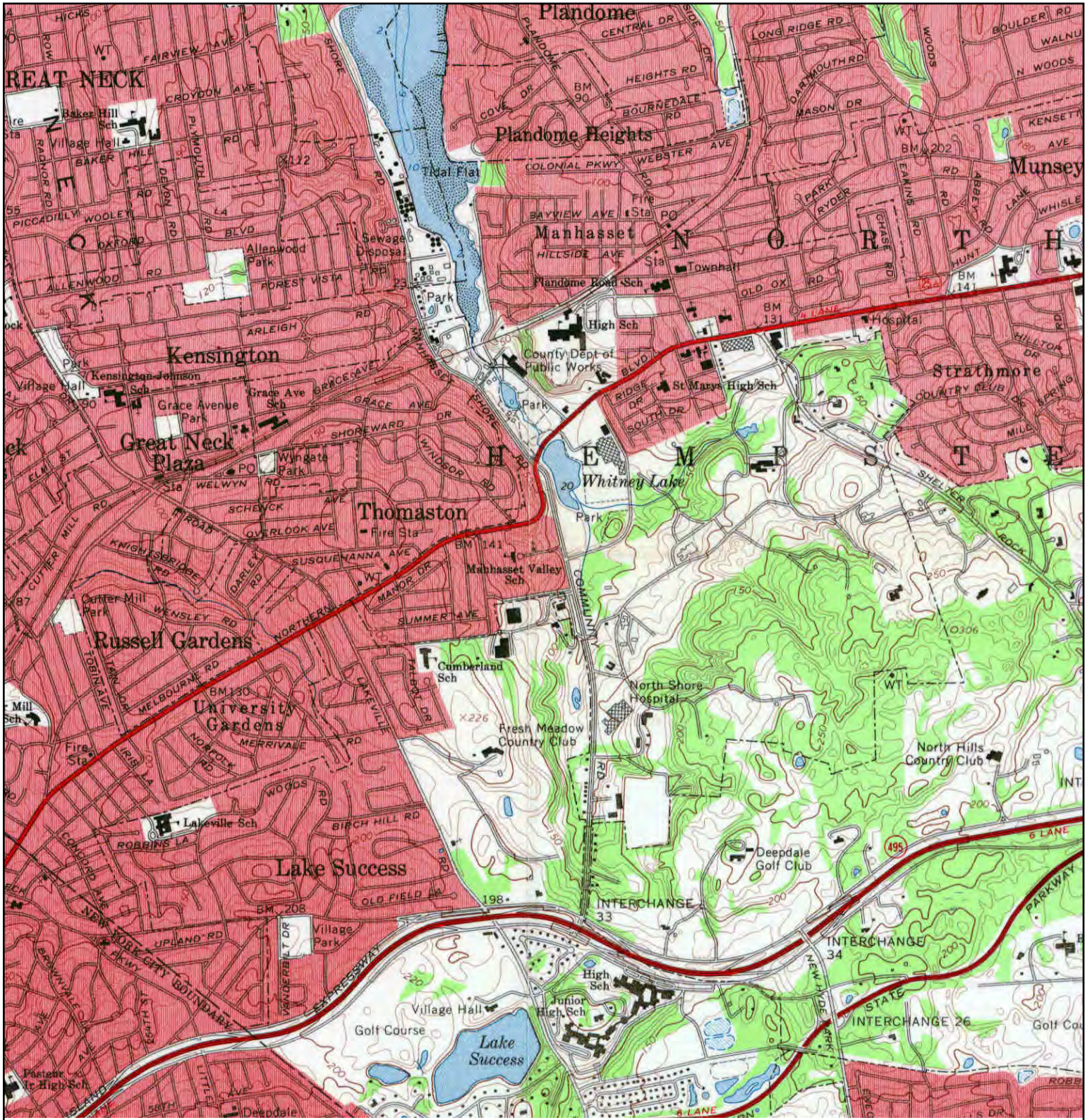
<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: SEA CLIFF                  MAP YEAR: 1954</p>	<p><b>SITE NAME:</b> Mt. Olive  <b>ADDRESS:</b> HIGH ST                  Manhasset, NY 11030  <b>LAT/LONG:</b> 40.7838 / -73.7061</p>	<p><b>CLIENT:</b> Paulus, Sokolowski &amp; Sartor  <b>CONTACT:</b> Adrianna Bosco  <b>INQUIRY#:</b> 3577394.4  <b>RESEARCH DATE:</b> 04/16/2013</p>
	<p><b>SERIES:</b> 7.5  <b>SCALE:</b> 1:24000</p>		


# Historical Topographic Map



<p>N ↑</p>	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Mt. Olive	<b>CLIENT:</b> Paulus, Sokolowski & Sartor
	<b>NAME:</b> OYSTER BAY VICINITY BOTTOM	<b>ADDRESS:</b> HIGH ST Manhasset, NY 11030	<b>CONTACT:</b> Adrianna Bosco
	<b>MAP YEAR:</b> 1954	<b>LAT/LONG:</b> 40.7838 / -73.7061	<b>INQUIRY#:</b> 3577394.4
	<b>SERIES:</b> 7.5		<b>RESEARCH DATE:</b> 04/16/2013
	<b>SCALE:</b> 1:24000		

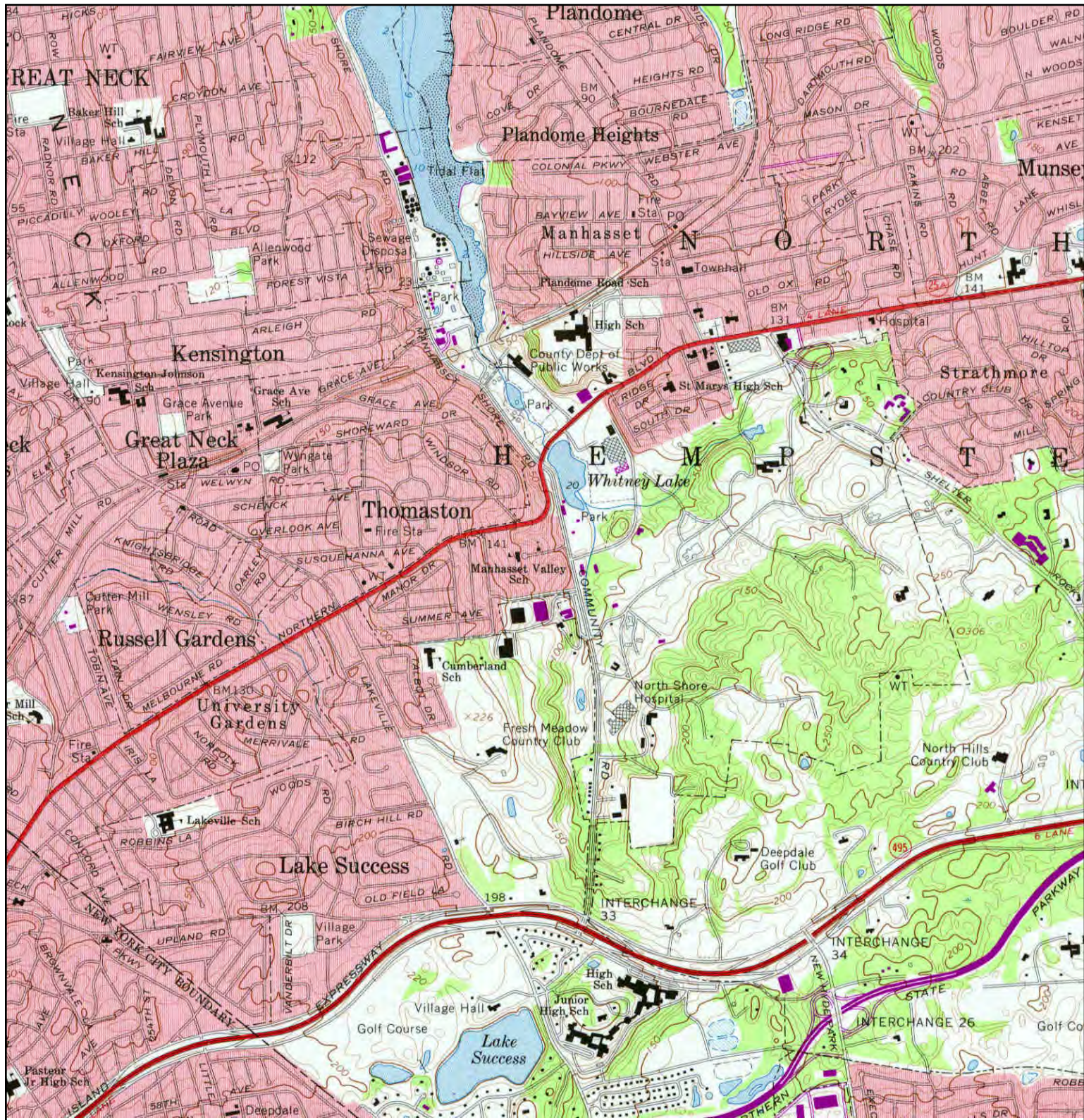
# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Mt. Olive	<b>CLIENT:</b> Paulus, Sokolowski & Sartor	
	<b>NAME:</b> SEA CLIFF	<b>ADDRESS:</b> HIGH ST	<b>CONTACT:</b> Adrianna Bosco	
	<b>MAP YEAR:</b> 1968	<b>LAT/LONG:</b> 40.7838 / -73.7061	<b>INQUIRY#:</b> 3577394.4	<b>RESEARCH DATE:</b> 04/16/2013
	<b>SERIES:</b> 7.5			
	<b>SCALE:</b> 1:24000			



# Historical Topographic Map



<p>N ↑</p>	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Mt. Olive	<b>CLIENT:</b> Paulus, Sokolowski & Sartor
	NAME: SEA CLIFF	<b>ADDRESS:</b> HIGH ST	<b>CONTACT:</b> Adrianna Bosco
	MAP YEAR: 1979	Manhasset, NY 11030	<b>INQUIRY#:</b> 3577394.4
	PHOTOREVISED FROM :1968	<b>LAT/LONG:</b> 40.7838 / -73.7061	<b>RESEARCH DATE:</b> 04/16/2013
	SERIES: 7.5		
	SCALE: 1:24000		

**APPENDIX F**

---

**City Directory Abstract**

**Mt. Olive**

HIGH ST

Manhasset, NY 11030

Inquiry Number: 3577394.6

April 18, 2013

## The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

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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.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2007	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Criss-Cross Directory
1997	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Criss-Cross Directory
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Criss-Cross Directory
1987	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Criss-Cross Directory
1982	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Criss-Cross Directory
1977	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Criss-Cross Directory
1972	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory

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# FINDINGS

## TARGET PROPERTY STREET

HIGH ST  
Manhasset, NY 11030

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<b><u>46 HIGH CT</u></b>		
2007	pg A1	Cole Criss-Cross Directory
1997	pg A2	Cole Criss-Cross Directory
1997	pg A3	Cole Criss-Cross Directory
1992	pg A4	Cole Criss-Cross Directory
1987	pg A5	Cole Criss-Cross Directory
1982	pg A6	Cole Criss-Cross Directory
1977	pg A7	Cole Criss-Cross Directory
1972	pg A8	Cole Criss-Cross Directory

## **46 HIGH ST**

2007	pg A9	Cole Criss-Cross Directory
1997	pg A10	Cole Criss-Cross Directory
1992	pg A11	Cole Criss-Cross Directory
1987	pg A12	Cole Criss-Cross Directory
1982	pg A13	Cole Criss-Cross Directory
1977	pg A14	Cole Criss-Cross Directory
1972	pg A15	Cole Criss-Cross Directory

## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<b><u>113-133 COMMUNITY DR</u></b>			
2007	pg. A16	Cole Criss-Cross Directory	
1997	pg. A17	Cole Criss-Cross Directory	
1992	pg. A18	Cole Criss-Cross Directory	
1987	pg. A19	Cole Criss-Cross Directory	
1982	pg. A20	Cole Criss-Cross Directory	
1977	pg. A21	Cole Criss-Cross Directory	
1972	-	Cole Criss-Cross Directory	Street not listed in Source

## **City Directory Images**



46 HIGH CT 2007

		<b>E HIGH RD</b>	
	Caroline Raye . . . . .	91	516.365.3174
35	Patrick Dawson . . . . .	03	NP
38	James E Robinson . . . . .	00	NP
	Karen Robinson . . . . .	00	NP
39	Elizabeth J Williams . . . . .	05	NP
41	Cheryl S Young . . . . .	99	NP
44	Lillie M Basnight . . . . .	00	NP
45	Loretta Sims . . . . .	01	516.365.1345
47	Deborah Ann Moore . . . . .	00	516.365.1338
	Robyn Beatryce Moore . . . . .	00	516.365.1338
49	Venecia Y Wright . . . . .	02	516.627.9494
50	Richard Marable . . . . .	99	516.365.5655
51	Lisa A Breland . . . . .	00	516.627.3373
52	Sandra L Murray . . . . .	01	NP
<b>53</b>	<b>★ + Pond View Homes LP . .</b>	<b>02</b>	<b>..</b>
	50 RESIDENCE	3 BUSINESS	
<hr/>			
<b>● HIGH LN</b>			
<i>Levittown</i>			
CT 4093.00		5 - 45	SE
		5 - 45 . . . . .	11756
<b>→ SUNRISE LN INTS</b>			
5	Manu Dewan . . . . .	+	● 516.796.3414
	Alka Sharma . . . . .	+	● 516.796.3414

46 HIGH CT 1997

0164	6	Eugene Black	.92	759-4942
2066	1	RESIDENCE		
7547				
7971				
8035				
<hr/>				
	<b>●</b>	<b>HIGH CT</b>		<b>11030</b>
		<i>Manhasset PO</i>		
1498	1-	99 CT3018		\$C..F 5
2401	★	N Hmpstd Hsng Re	II	869-8426
	1	Mary Marable	.83	365-5655
7713	2	E Jackson	.80	627-6571
	3		NP	
1448	4	Catherine Carver	.68	627-9469
1449		James Moore	.86	365-6059
	5		NP	
1056	6	Barbara Thomas	.93	627-7367
1995	8		NP	
1068	9	Rochelle Ross	.92	365-4589
1191	10	Mattie Lewis	.93	365-4026
1983	11		NP	
766	12	V Johnson	.94	365-6968
1891	13	<b>Apartments</b>		
1504	13	Dolores Oliphant	.91	365-4229
1527	14	Jeffrey Crowell	.72	627-0061
1646	15	16	NP	
1243	17	Rebecca Lee	.94	627-0879
1366	19	Miriam Reid	.84	365-6456
1366	20	J T Bachor	.73	627-8683
1366	21		NP	
1383	22	Ronald Brewster	.93	365-4262
1908	24	M Hinds	.86	365-8072
1869	25	26 27	NP	
1075	29	Gary Williams	.86	365-7366
1566		Jocelyn Williams	.94	365-2153
1197	30		NP	
1086	31	P Baldwin	.93	365-6250
1665	32	Trevor Burgess	.91	365-2790
1685	33		NP	
1311	34	Sandy Raye	.91	365-6816
1867	35	Clarice Harris	.76	627-4372
1133	36	T Johnson	.92	627-1840
1640	37	38 39	NP	
1915	40	A Mayhew	.89	365-1451
1526	41		NP	
177	42	Dolores Gray	.84	365-6747
	43		NP	
112	44	Ann Burton	.89	365-8551

NOT BE KEY PUNCHED ENTERED INTO A COMPUTER OR  
 - New Listing To The Street 83,84,85,Etc. - Year



-

46 HIGH CT 1997

LE'S		PAGE 565	
45	Julia Jackson . . . . .	.94	627-9068
46	Dennis A Glasper . . . . .	.91	365-9256
47	48 . . . . .	NP	
49	B R Lightner . . . . .	.67	627-5154
50	<b>Apartments</b>		
D	G Washington . . . . .	.92	365-8680
51	Sunil Naraini . . . . .	.92	627-1622
	49 RESIDENCE	1	BUSINESS
<hr/>			
●	<b>HIGH ELMS LN</b>		<b>11542</b>
	<i>Glen Cove PO</i>		
	1- 99 CT5171.02		\$8..B 8
●	HACSTON MAP LOC NE		

46 HIGH CT 1992

20	J T Bachor	.73	627-8683
21		NP	
22	D Mitchell	.87	365-7852
24	M Hinds	.86	365-8072
25	Michelle Gary	▣	627-3455
26	27	NP	
29	Gary Williams	.86	365-7366
30	Pierre Leon	.90	627-5299
31	C Baldwon	.86	365-7671
32	Trevor Burgess	-	365-2790
33		NP	
34	Sandy Raye	▣	365-6816
35	Doreen Gray	▣	627-8804
	Clarice Harris	.76	627-4372
36		NP	
37	C Head	.87	365-8077
38	39	NP	
40	A Mayhew	.89	365-1451
41		NP	
42	Dolores Gray	.84	365-6747
43	John H Miller	.72	627-6466
44	Ann Burton	.89	365-8551
45	S Jackson	▣	627-2646
46	Dennis A Glasper	-	365-9256
47	48	NP	
49	B R Lightner	.67	627-5154
50	<b>Apartments</b>		
D	G Washington	.80	365-8680
51		NP	
NO #	★ No Hmpstd Housing	.76	869-8426
	50 RESIDENCE	- 1	BUSINESS
<b>● HIGH ELMS LN</b>			<b>11542</b>
<i>Glen Cove PO</i>			
<b>1- END CT5170</b>			<b>\$A..B 7</b>

46 HIGH CT 1987

22			
24	M Hinds		☐ 365-8072
	E Mark	.85	365-6432
25		NP	
26	Raphael Jenkins	.79	627-9042
27 D		NP	
29	Gary Williams		☐ 365-7366
30	Amanda Culbreath	.66	627-5299
31	C Baldwon		☐ 365-7671
32	Kenneth Doyle	.85	627-1924
33		NP	
34	Anthony Cavetti	.85	365-7136
	★ Exclusv Male Escrt	.85	627-9345
35	Clarice Harris	.76	627-4372
36		NP	
37	C Mann	.77	365-8077
38	39	NP	
40	Lora Burton		☐ 365-7984
41		NP	
42	Kenneth Gray	.84	365-6747
43	John H Miller	.72	627-6466
44		NP	
45	M Johnson	.73	365-7606
47	Edward Maddox		☐ 627-6095
	Elijah Maddox		☐ 627-6095
	Ethel Maddox	.85	365-6991
48		NP	
49	Betty R Lightner	.67	627-5154
50 D	G Washington	.80	365-8680
51	Stephanie Young	.75	627-4365
52 D	David Ware	.65	869-8323
NO #	★ No Hmpstd Housing	.76	869-8426
	55 RESIDENCE	2	BUSINESS
● HIGH ELMS LN			11542

46 HIGH CT 1982

15	16 17	.NP	
19	S J Chodkowski	.65	627-7399
	T Chodkowski	.79	627-5093
20	J T Bachor	.73	627-8683
21		.NP	
25	C Wedderburn	.72	627-1605
26	Raphael Jenkins	.79	627-9042
27D		.NP	
29	J Williams	.76	365-7992
30	Amanda Culbreath	.66	627-5299
31	Lynette Baldwin	.72	365-9041
32	33	.NP	
34	Henry James	.79	627-5219
	D Werts	.72	627-1893
35	Clarice Harris	.76	627-4372
36		.NP	
37	C Mann	.77	365-8077
38	Joseph Roberson	.72	627-6937
39	40 41 42	.NP	
43	John H Miller	.72	627-6466
44	Ella Watson	.79	627-0644
45	M Johnson	.73	365-7606
46	G Beresford	.80	627-3847
47	48	.NP	
49	Betty R Lightner	.67	627-5154
50D	G Washington	.80	365-8680
51	Richard Belt	.72	365-8125
	Stephanie Young	.75	627-4365
52D	David Ware	.65	869-8323
No #	★Adventr In Lrng		365-7131
No #	★No Hmpstd Housing		869-8426
	51 Residence		2 Business
<b>HIGH FILMS LN</b>			<b>11542</b>

46 HIGH CT 1977

29	J Williams	NP	-	365-7992
30	Amanda Culbreath	NP		627-5299
31		NP		
32	Rosa L Singletary	NP	2	365-9842
33		NP		
34		NP		
	D	NP		
35	Clarice Harris	NP	-	627-4372
36		NP		
37		NP		
38	David S Oates	NP	4	365-8653
39		NP		
40		NP		
41		NP		
42	Delores Walls	NP	5	627-4697
43	John H Miller	NP	2	MA7-6466
44		NP		
45	M Johnson	NP	3	365-7606
46		NP		
47	Lee Johnson	NP	3	365-8988
48	P Woods	NP	□	365-9176
49	Betty R Lightner	NP	7	627-5154
50	L Washington	NP	5	627-2976
51	Stephanie Young	NP	5	627-4365
52	D David Ware	NP		869-8323

47 RESIDENCE

**HIGH ELMS LN**

**11542**

**Glen Cove PO**

**1 - END TZ 5170**

**SA..L 4**

1	Gilbert Gallego	NP		OR6-6135
2	Jack Mercurio	NP	5	OR1-6452
3	Robert B Palermo	NP	5	676-0388
4	Don Sulaitic	NP		671-2297

46 HIGH CT 1972

L10 - Map Location

37	33	M COBB	0	36584
30	34		NP	
4		DTHOMAS MABRY	5	86983
3	36	CHARLES STOKLEY	6	86983
2	37		NP	
7	38	EUGENE DICKERSON	8	62740
1	39		NP	
8	40		NP	
1	41		NP	
0	43	JOSEPH DANIELEWSKI	8	62770
1	44	SOLOMON BUTLER	5	86984
7	45		NP	
7	46	ALONZO H SANDS	6	62706
1	48	MRS PAILINE WOODS	9	36587
9	49	BETTY R LIGHTNER	7	62751
9	51	CLARICE HARRIS	5	62743
9	52	DAVID WARE	5	86983
9	NO #	POND VIEW HOMES		86984
9		40 RESIDENCE	1	BUSINE
		HIGH ELMS LA		115
		.....		
		GLEN COVE PO		



46 HIGH ST 2007

542

Suzanne G Tuck . . . . . 94 ● 516.676.6585  
22 RESIDENCE 2 BUSINESS

540

540

● HIGH ST

545

545

*Manhasset*

CT 3019.00 0 3 - 11 SA

CT 3018.00 34 - 65 SA

3 - 65 . . . . . 11030



3▲ Malcolm X Chambers . . . . . 04 NP

11▲ Shirley Davenport . . . . . + 516.627.3068

34 . . . . . NP

42 Allie Kemp . . . . . 04● NP

Allie Lloyd . . . . . 77● 516.627.0967

F Kemp Lloyd . . . . . 77● 516.627.0967

43★ Mt Olive Baptist Church . . 84 516.565.9721

46 . . . . . NP

51 Karim B Belt . . . . . 99 NP

Veronica V Belt . . . . . 99 NP

Herman Ellison . . . . . 02 516.365.5063

★ RAB Adjusters . . . . . 92 516.365.8024

53 Jennifer L McLune . . . . . 75● NP

Ruth M McLune . . . . . 75● NP

65★ Family Support Program . . 98 516.365.0869

★ Manhasset Great Neck Head Start

92 516.627.6385

★ Manhasset Great Neck Community Cent

04 516.627.1750

12 RESIDENCE 5 BUSINESS

50  
50

● HIGH ST

*Port Washington*

CT 3012.00 1 - 20 SA

46 HIGH ST 1997

17	RESIDENCE	1	BUSINESS
<hr/>			
●	<b>HIGH ST</b>	<b>11030</b>	
	<i>Manhasset PO</i>		
	1- 55 CT3018	\$C..F 5	
●	HAGSTROM MAP LOC F15	2	
	★ Adventr In Lrng	.78	365-7131
18	Q Washington	.85	627-1203
26	Gail Vanterpool	.92	365-6277
34		NP	
42	Allie Lloyd	.60	● 627-0967
43	★ Mt Olive Baptst Ch		627-0277
46	Hezekiah Richburg	.84	365-6567
47		NP	
51	J Butler	.85	365-8024
	Joanne Butler	.94	365-3733
52		NP	
53		NP	●
65	★ EOC	.79	627-1750
	★ Manhst-Grt Nk EOC	.84	⊙ 627-1750
	★ Manhasset Hd Start	.77	627-6385
	10 RESIDENCE	5	BUSINESS
<hr/>			
●	<b>HIGH ST</b>	<b>11050</b>	
	<i>Port Washington PO</i>		
	1- 30 CT3012	\$A..D 5	

46 HIGH ST 1992

57 Mrs H Hamilton . . . . 56 676-8540  
16 RESIDENCE

● HIGH ST 11030

Manhasset PO

1- END CT3018 \$A..F 5

● HAGSTROM MAP LOC F15 2

18 Q Washington . . . . .85 627-1203

34 Anthony Cavetti . . . . .85 365-7136

Tony Scalco . . . . .87 365-3045

42 Allie Lloyd . . . . .60 627-0967

43★ Mt Olive Baptst Ch . . . . .627-0277

46 Hezekiah Richburg . . . . .84 365-6567

47 . . . . . NP

51 J Butler . . . . .85 365-8024

52 . . . . . NP

53 Dennis McLune . . . . .73 ● 627-7488

65★ EOC . . . . .79 627-1750

★ Manhst-Grt Nk EOC . . . . .84 ○ 627-1750

★ Manhasset Hd Start . . . . .77 627-6385

NO #★ Adventr In Lrng . . . . .78 365-7131

9 RESIDENCE 5 BUSINESS

● HIGH ST 11050

Port Washington PO

1- END CT3012 \$A..D 5

● HAGSTROM MAP LOC F10 1

46 HIGH ST 1987

14	B Manzella	. . . . .	78	759-
15	20	. . . . .	NP	
23	Barbara Robertson	. . . . .	82	759-
	David C Robertson	. . . . .	60	676-5664
24	Craig R Wills	. . . . .	77	759-0329
27	Roger Kole	. . . . .	79	676-1532
31		. . . . .	NP	
35	Ernest Wright	. . . . .	67	671-4159
41	J Dick	. . . . .	80	671-4244
45	M Drummond	. . . . .	82	671-9277
46	Michael Martino	. . . . .	81	671-9859
49		. . . . .	NP	
57	Mrs H Hamilton	. . . . .	56	676-8540
	15 RESIDENCE			

● HIGH ST 11030

Manhasset PO

1- END CT3018 \$C..F 5

42	Allie Lloyd	. . . . .	60	627-0967
43	★ Mt Olive Baptst Ch	. . . . .		627-0277
46	Hezekiah Richburg	. . . . .	84	365-6567
47		. . . . .	NP	
51	J Butler	. . . . .	85	365-8024
53	D McLune	. . . . .	73	627-7488
65	★ EOC	. . . . .	79	627-1750
	★ Manhst-Grt Nk EOC	. . . . .	84	627-1750
	★ Manhasset Hd Start	. . . . .	77	627-6385
	★ The Hair Shop	. . . . .		□ 365-8239
NO #	★ Adventr In Lrng	. . . . .	78	365-7131
	5 RESIDENCE			
			6	BUSINESS

● HIGH ST 11050

Port Washington PO

1- END CT3012 \$A..D 5

4	7	. . . . .	NP	
---	---	-----------	----	--

46 HIGH ST 1982

45 N Isenberg . . . . .  
 M McKenna . . . . .79  
 46 Michael Martino . . . . .  
 49 A H Schmitt . . . . .80  
 57 Mrs H Hamilton . . . . .  
 15 Residence

HIGH ST 11030

Manhasset PO

1- END TZ3018

SB..G 3

071240

34 . . . . .NP  
 42 Allie Lloyd . . . . . 627-0967  
 43★Mt Olive Baptst Ch . . . . . 627-0277  
 46 47 51 . . . . .NP  
 53 D McLune . . . . .73 627-7488  
 65★Eoc . . . . . 627-1750  
 ★Manhasset Eoc Hlth . . . . . 627-1750  
 ★Manhasset Hd Start . . . . . 627-6385  
 6 Residence 4 Business

HIGH ST 11050

Port Washington PO

1- END TZ3012

SA..J 2

071250

4 7 . . . . .NP  
 10 Robert J Fontana . . . . .61 944-7537  
 12 Irvin H Foster . . . . . 767-1488  
 Mrs F Monziona . . . . .74 883-0292  
 14 William Pedersen . . . . .79 883-4355  
 16 A H Sheridan . . . . .79 944-6454  
 18 . . . . .NP  
 19 Ted R Cassell . . . . .

**46 HIGH ST 1977**

49	C L Knight .....	□	OR1-5033
57	Mrs H Hamilton .....		OR6-8540
	<b>12 RESIDENCE</b>		

**HIGH ST 11030**

**Manhasset PO**

**1 - END TZ 3018 \$B..G 3**

34	.....	NP	
42	Allie Lloyd.....		627-0967
43	★ Mt Olive Baptist.....		<b>MA7-0277</b>
46	.....	NP	
47	.....	NP	
51	.....	NP	
53	D McLune .....	3	627-7488
65	★ Mnhst-Gr Nck Hd St..		<b>627-6385</b>
	★ Manhasset Vly Cntr ..		<b>MA7-0590</b>
No #	★ Community Svc Cntr .		<b>627-4929</b>
	<b>6 RESIDENCE</b>		<b>4 BUSINESS</b>

**HIGH ST 11050**

**Port Washington PO**

**1 - END TZ 3012 \$A..J 2**

4	.....	NP	
7	.....	NP	
10	Robert J Fontana .....		P07-4737
12	Irvin H Foster.....		P07-6488

46 HIGH ST 1972

HIGH ST  
 .....  
 LOCUST VALLEY PO  
 ... 1- END T 517802 \$B..K 5  
 11 MRS P J KILIAN OR11921  
 14 E J BACKSTATTER 5 OR68034  
 15 KAREN CANTALUPO 0 6718545  
 20 JAMES J LONGO 7 OR64174  
 23 DAVID C ROBERTSON OR65664  
 24 ROBERT L GRIFFITHS OR10443  
 27 HARRY R CHAMBERS 2 OR64951  
 31 ELEANOR HEINLIN 6767890  
 35 ERNEST WRIGHT 7 OR14159  
 46 RICHARD ZIEGLER OR14239  
 49 RAYMOND B KNIGHT □OR15033  
 57 MRS H HAMILTON OR68540  
 12 RESIDENCE

HIGH ST 11030  
 .....  
 MANHASSET PO  
 ... 1- END T 3018 \$C..G 3  
 34 E BROWN 0 3658481  
 E J LEWIS 8 3659192  
 42 ALLIE LLOYD 6270967  
 43\*MT OLIVE BAPTIST MA70277  
 46 NP  
 47 ETHEL JOHNSON 6 MA74639  
 53 CHARLES CUMMINGS 7 MA75087

OR PHOTOCOPIED, IN ANY MANNER WHATSOEVER EXCEPT AS

113-133 COMMUNITY DR 2007

18	Gail A Teodoro	92	516.897.9451
	Luisa E Teodoro	92	516.897.9451
19	Allison T Weed	92	516.897.4578
	Marion F Weed	92	516.897.4578
4 RESIDENCE			
<b>COMMUNITY DR</b>			
<i>Manhasset</i>			
CT 3018.00		99 - 600	\$A
CT 3009.00 E		800 - 800	\$A
		99 - 800	11030
99	Jesse E Childs	92	NP
	Mamie Childs	92	NP
100	★ County Of Nassau	01	516.573.6600
220	★ Greentree Foundation	99	516.627.0801
270	★ Francisco Diaz	97	NP
300	★ Aiuto Leslie	05	516.562.2542
	★ Austin Travel Corp	96	516.869.6821
	★ Bruce Farber MD	+	..
	★ Cervantes Cecilia	05	516.562.4635
	★ Childrens Heart Center	04	516.562.3078
	★ Childrens Kidney Center	03	516.562.0100
	Michelle Cohen	04	NP
	★ David J Chalif	05	516.354.3401
	★ Dennis Bordan MD	98	516.562.1613
	★ Don Monti Division Medical Onchem	04	516.562.8900
	★ Donald Margouloff Dr	04	516.562.4400
	★ Fredric Daum MD	96	516.562.4642
	★ Gary Kaplan	04	516.562.4301
	★ Gerard Mullin	01	516.562.4281
	★ Harbor Day Care Center	97	..
	★ Harris Gwen N	05	516.562.3560
	★ Jennifer Mieres MD	02	516.562.4100
	★ John L Lovecchio	04	516.562.4438
	★ Kevin Tracey MD	05	516.562.2813
	★ Kochen Joseph	05	516.562.4634
	Vitaliy L Krol	04	NP
	Yelena Krol	04	NP
	★ Mailloux Lionel U	05	516.562.4384
	★ Michael I Leitman MD	+	516.562.4865
	★ Murthy S Vishnubhakat MD	94	516.562.4300
	★ North American Partners	05	516.562.4887
	★ North Shore Community Services	93	..
	★ North Shore LI Jewish	02	516.562.4005
	★ North Shore Long Island Jewish Healt	01	516.562.0100
	★ North Shore Surgical Associates	93	516.562.2993
	★ North Shore Univ Hosp Div Of Hematol	04	516.562.8958
	★ North Shore University Manhasset	77	516.562.4887
	★ Northshore L I J Health Systems	96	516.562.0100
	★ Olsen Madelyn E	05	516.562.3066
	★ Pavel Fort MD	04	516.562.4635
	★ Richard Beckman MD	98	516.562.2200
	★ Robert Boxer MD	01	516.562.2200



113-133 COMMUNITY DR 1997

1 RESIDENCE			
<b>● COMMUNITY DR</b>		<b>11030</b>	
<i>Manhasset PO</i>			
53- 899 CT3018		\$C..F 5	
<b>● HAGSTROM MAP LOC F16 3</b>			
	Irene Goetz . . . . .	65	627-5395
	★ Manhst-Lkvl Fire . . . . .	89	627-2545
16		NP	
99	Mamie Childs . . . . .	83	● 627-0951
100	★ Police Dpmtnts . . . . .	II	573-6600
179	★ Dr Paul Beck . . . . .	92	365-6262
	★ J P Keating RPT . . . . .	81	627-1537
199		NP	
300	<b>North Shore</b>		
	<b>Universty Hospital</b>		
	Rafael Acra . . . . .	94	365-3251
	A Agoglia . . . . .	92	365-5403
	Syed Ahmed . . . . .	93	365-0227
	Anupana Ananda . . . . .	94	869-8835
	Sheena Apun . . . . .	93	365-1883
	Dea Athon . . . . .	94	365-2506
	Rashmi Aurora . . . . .	93	365-0943
	Cheryl L Bennett . . . . .	94	627-0961
	Suzanne Berlyne . . . . .	93	365-0944
	Karen L Birmingham . . . . .	91	365-5270
	Adam Bisaga . . . . .	93	627-6315
	Stuart Bogos . . . . .	92	365-5743
	P Bongiorno . . . . .	75	627-0198
	Stuart Burgess . . . . .	92	365-5743
	Soonmee Cha . . . . .	93	627-3181
	Jie Cheng . . . . .	93	365-0206
	Robert Cherry . . . . .	91	627-2408
	Anita W Chow . . . . .	94	365-9555
	Devyani Chowdhury . . . . .	92	365-8840
	R Cipollone . . . . .	93	365-9614
2H	Diane Clarke . . . . .	93	627-7037
	Hillary Clarke . . . . .	94	869-8040
	Bruce Cohen . . . . .	92	365-4965
	Jonathan Cohen . . . . .	94	365-2679
	Mitchell Cohen . . . . .	89	627-6237
	J Cohen . . . . .	93	627-9433
		94	365-2070

113-133 COMMUNITY DR 1992

<i>Long Beach PO</i>		
18	William Scott . . . . .	889-8166
19	Tony Boyd . . . . .82	431-8230
2 RESIDENCE		
<hr/>		
●	<b>COMMUNITY DR</b>	<b>11030</b>
<i>Manhasset PO</i>		
	1- 899 CT3018	\$A..F 5
●	<b>HAGSTROM MAP LOC F16 3</b>	
16	. . . . . NP	
99	Mamie Childs . . . . .83	627-0951
179★	J P Keating RPT . . . . .81	627-1537
199	E Bertolotti . . . . .90	365-2782
	Ann Rocchio . . . . .90	365-7413
300	Russell Abrams . . . . .H	365-8003
	Alan Alberts . . . . .88	365-1218
	Syed Z Ali . . . . .H	365-6537
	Ajit N Babu . . . . .H	365-1826
	Cyrus Badii . . . . .90	365-1382
	Dr Eric Bashkoff . . . . .88	365-2663
	Ronald Bechtel . . . . .H	365-5774
	Bruce Berman . . . . .89	365-1772
	Steven Bernstein . . . . .-	365-9590
	William Bernstein . . . . .89	627-4432
	Ellen Bez . . . . .90	365-1168
	Amit Bhargaba . . . . .90	365-7921
<hr/>		
<b>E MAY NOT BE KEY PUNCHED ENTERED INTO A COMPUTER</b>		
<b>-- New Listing To The Street</b>		<b>83,84,85,Etc.</b>

## 113-133 COMMUNITY DR 1987

19	Tony Boyd . . . . .	.82	431-8230
	1 RESIDENCE		
<b>● COMMUNITY DR</b>			<b>11030</b>
<b>Manhasset PO</b>			
	<b>1- END CT3018</b>		<b>\$C..F 5</b>
99	Mamie Childs . . . . .	.83	627-0951
100★	NAS Co Polc 6 Prct . . . . .	.78	365-8000
179★	Great Neck Assocs . . . . .	.80	466-2314
	★ J P Keating Rpt . . . . .	.81	627-1537
199	E McCorkell . . . . .		☐ 365-9429
300	Ijaz Ahmed . . . . .		- 627-7379
	D Alexis . . . . .		☐ 627-5676
	Louis Angioletti . . . . .		☐ 365-6951
	D Appelbaum . . . . .	.82	365--7425
	Michael Augenbraun . . . . .		☐ 365-8540
	★ Dr L Banchik . . . . .		☐ 365-8736
	Andrew Becker . . . . .		- 365-5404
	Adam Beckerman . . . . .	.85	365-9418
	Mansoor Beg . . . . .		☐ 365-4475
	Michael L Bissell . . . . .	.85	365-5616
	Jordan Blinder . . . . .		☐ 365-8847
	Kathleen Broderick . . . . .		☐ 627-3417
	Paul Brody . . . . .	.84	365-6657
	★ Dr Richard Bronson . . . . .	.81	562-4470
	★ Dr Richard Bronzo . . . . .	.83	562-4281
	★ Dr Steven Brown . . . . .		☐ 365-8259
	G Buckhout . . . . .	.83	365-3573
	William Bimgarz . . . . .	.84	365-4858
	Kenneth Burns . . . . .		☐ 365-7961
	★ Dr Cliff Butterman . . . . .	.85	365-5392
	L L Chen . . . . .		☐ 365-9428
	Berci Cherpician . . . . .	.85	627-7355
	Jose Cintron . . . . .	.84	365-6233
	Thomas Cunningham . . . . .	.83	869-8360
	Myron Czucman . . . . .	.85	627-3849
	D Deanehan . . . . .	.74	627-2449
	Michael Drews . . . . .		☐ 627-2932
	Juan Esnard . . . . .		☐ 365-8974
	E B Falek . . . . .	.83	365-6017
	Dominic Filardi . . . . .	.84	365-8837
	William E Fincke . . . . .	.81	869-8152
	Damian Forletti . . . . .	.85	627-5753
	Thomas A Franey . . . . .	.85	365-6408
	Arthur Freedman . . . . .	.84	627-6244
	Dominick Gadaleta . . . . .		☐ 365-4428

## 113-133 COMMUNITY DR 1982

COMMUNITY DR		11030
Manhasset PO		
1-	END TZ3018	SB..G 3
	035710	
100★	NAS Co Polc 6 Prct . . . .	365-8000
179★	Carol Daniels . . . . .	365-7012
	★Great Neck Assocs . . . .	466-2314
	★Dr John A Heinlein . . . .	627-6262
	★J P Keating Rpt . . . . .	627-1537
	★Dr Paul Mazzarella . . . .	365-9660
	★Dr John Sabatine . . . . .	627-3194
199	. . . . . NP	
300★	Dr Alan Aker . . . . .	627-0033
	Orlando Alvarez . . . . .80	869-8347
	Michael Anesta . . . . .78	627-0322
	Todd S Anhalt . . . . .	365-3468
	Lee Avram . . . . .79	869-8372
	B Ayvaliotis . . . . .	869-8403
	Raymond Badillo . . . . .79	869-8331
	B Barres . . . . .79	627-6189
	Neil Bellovin . . . . .80	627-7268
	D Benezra . . . . .80	627-3160
	John Benjamin . . . . .78	365-8306
	Andrew Berger . . . . .	627-7486
	Kevin M Berman . . . . .80	627-2894
	Ivan Bielik . . . . .79	365-9132
	Steven Birnbach . . . . .79	365-8623
	Wesley S Blank . . . . .80	869-8410
	William John Breen . . . . .77	627-1292
	★Dr D Breidbart . . . . .	627-3713
	★Dr Richard Bronson . . . . .	562-4470
	Robert S Busch . . . . .78	627-0222
	Diane M Cavallaro . . . . .	627-8698
	Sterling Chudow . . . . .77	627-3724
	★Dr A Chusid . . . . .	365-7350
	Mitchell Conn . . . . .80	869-8479
	David Crittenden . . . . .	627-1069
	Lawrence Davis . . . . .78	627-8978

113-133 COMMUNITY DR 1977

6 RESIDENCE 72 BUSINESS

COMMUNITY DR 11581

Long Beach PO

18 D Wilk ..... 4 889-3774

1 RESIDENCE

COMMUNITY DR 11030

Manhasset PO

1 - END TZ 3018 \$B..G 3

99 Mamie Childs ..... MA7-5589

179★ Dr John A Heinlein ... 627-6262

★ Dr David Lewin ..... 627-7787

★ Dr Paul Mazzarella ... 365-9660

★ Dr John Sabatine ..... 627-3194

★ Dr Malcom Smilay ... 627-6332

300★ Dr Robert Anderson.. □ 627-2823

B Armez ..... 5 627-3764

M Bercik ..... □ 627-5905

Anil Bhasin ..... □ 627-1095

★ Dr Richard Blanck ... 627-3498

D Blum ..... 5 365-8687

J Caccioppoli ..... 5 627-6866

G Casella ..... □ 627-5520

★ Dr J S Casper ..... □ 627-6515

Joe Ceimo ..... 5 627-3775

Shiu Kee Chan ..... □ 627-7779

Wanda Chernomas ..... 5 627-5963

S Chiaramida ..... 5 627-0528

Allyn Cohen ..... 5 627-1918

Barton Cohen ..... 5 627-5092

**APPENDIX G**

---

**Environmental Lien Search Report**

**Mt. Olive**

High St.  
Manhasset, NY 11030

Inquiry Number: 35773.94.7  
April 26, 2013

# The EDR Environmental LienSearch™ Report



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

### **Disclaimer - Copyright and Trademark Notice**

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## EDR Environmental LienSearch™ Report

### TARGET PROPERTY INFORMATION

#### ADDRESS

**MT. OLIVE**  
HIGH ST.  
MANHASSET, NY 11030

#### RESEARCH SOURCE

Source 1: Nassau County, New York

#### PROPERTY INFORMATION

##### **Deed 1:**

Type of Deed: Bargain and Sale Deed  
Title is vested in: Edward Corley and Mount Olive Baptist Church, Inc.  
Title received from: Nikolas Niotis and Sofia Niotis  
Deed Dated: August 12, 2002  
Deed Recorded: August 21, 2002  
Book: 11517  
Page: 276

**Legal Description:** Attached as Deed Exhibit  
**Legal Current Owner:** Edward Corley and Mount Olive Baptist Church, Inc.  
**Property Identifiers:** Section 2, Block 347, Lots 16, 17 and 21

**Comments:**

#### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

#### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found  Not Found

COMMENTS:

**EDR Environmental LienSearch™ Report**

**DEED EXHIBIT**

NASSAU COUNTY CLERK'S OFFICE  
ENDORSEMENT COVER PAGE

Recorded Date: 08-21-2002      Record and Return To:  
Recorded Time: 3:00:07 p      HOWARD BIRNBACH ESQ  
111 GREAT NECK ROAD  
LIBER Book: D 11517      SUITE 413  
Pages From: 276      GREAT NECK, NY 11021  
To: 278

Control  
Number: 1939  
Ref #: RE 001326  
Doc Type: DD1 DEED

Location:      Section Block      Lot      Unit  
N. HEMPSTEAD (2822)      0002      00347-00      00021  
Consideration Amount:      200,000.00

	Taxes Total	800.00
	Recording Totals	74.00
TMS001	Total Payment	874.00

THIS PAGE IS NOW PART OF THE INSTRUMENT AND SHOULD NOT BE REMOVED  
KAREN V. MORPHY  
COUNTY CLERK



3

35044LT

NYOS - Burgis and File Dead with Certificate against Opposite from Title and or Corporation (Single State) (NYETSU 8025)  
CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT - THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made the 10th day of AUGUST, in the year 2007

NIKOLAOS NIOTIS and SOFIA NIOTIS, residing at  
46 High Street, Manhasset, NY 11030

party of the first part, and

EDWARD CORLEY and MOUNT OLIVE BAPTIST CHURCH, INC., both located at  
38 Long Drive, Hempstead, NY 11550

party of the second part,  
WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the

Tax Map Designation  
D/G

All that certain plot, piece or parcel of land, situate, lying and being at Manhasset, Town of North Hempstead, County of Nassau and State of New York, known and designated as and by Lot Numbers 45 and 47 on a certain map entitled, "Subdivision of Property belonging to E.L. McCAULEY Situate at Manhasset, Nassau County, New York, Dated 1926," between F. Allen, C.J., 277 Main Street, Fort Washington, Nassau County, New York, and F.M. in the Office of the Clerk of the County of Nassau on October 27, 1926 as Map Number 375, Case Number 2452 more particularly indicated and described as follows:

Sec 2  
Blk 347  
L260  
21

BEGINNING at a point on the Southwesterly side of High Street, said point being reached from the following two courses and distances:

- 1) Along the Southwesterly side of High Street, 166.04 feet Westerly (southwesterly) from the corner formed by the intersection of the Southwesterly side of High Street with the Westerly side of New Hyde Park Road;
- 2) Set along the Southwesterly side of High Street, 257.61 feet Westerly (northwesterly) to a point - this marks the point of beginning, and from said point:

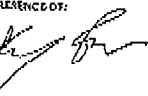
RUNNING THENCE Southwesterly at right angles to the Southwesterly side of High Street, 88.50 feet;  
THENCE WESTERLY and parallel to the Southwesterly side of High Street, 40 feet;  
THENCE NORTHEASTERLY and again at right angles to the Southwesterly side of High Street, 84.50 feet to the Southwesterly side of High Street;

THENCE EASTERLY and along the Southwesterly side of High Street, 40 feet to the point of place of BEGINNING.  
Said premises being also known as 46 High Street, Manhasset, NY 11030. SOME PREMISES AS IN  
TRACED DATED 4/6/01 RECORDED 4/30/01 LIBRARY 1152P 204677.


TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof, TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been incumbered in any way whatever, except as aforesaid,  
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.  
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

WITNESSED BY:  


  
NIKOLAOS NIOTIS

  
SOFIA NIOTIS

USE ACKNOWLEDGEMENT FORM BELOW WITHIN NEW YORK STATE ONLY

State of New York, County of QUEENS ) ss:

On the 17th day of AUGUST in the year 2004

before me, the undersigned, personally appeared NIKOLAOS NIOTIS and SOFIA NIOTIS personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Marilyn Cassano
MARILYN CASSANO
Notary Public, State of New York
Qualified in Queens County
041-4092720 exp. March 2, 2004

ACKNOWLEDGEMENT FORM FOR USE WITHIN NEW YORK STATE ONLY
(New York Subscribing Witness Acknowledgment Certificate)
State of New York, County of ) ss:

On the day of in the year before me, the undersigned, personally appeared

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he/she/they reside(s) in

(If the place of residence is in a city, include the street and room number, if any, thereof, that he/she/they know(s)

to be the individual described in and who executed the foregoing instrument; that said subscribing witness was present and saw said execute the same; and that said witness at the same time subscribed his/her/their name(s) as a witness thereon.

USE ACKNOWLEDGEMENT FORM BELOW WITHIN NEW YORK STATE ONLY

State of New York, County of ) ss:

On the day of in the year before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

ACKNOWLEDGEMENT FORM FOR USE WITHIN NEW YORK STATE ONLY
(Out of State or Foreign Citizen Acknowledgment Certificate)
State of New York, County of ) ss:

On the day of in the year before me, the undersigned, personally appeared

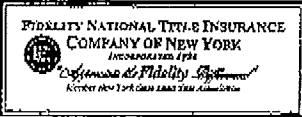
personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual made such appearance before the undersigned in the

(Under the city or other political subdivision and the state or country or other place the acknowledgment was taken).

BARGAIN & SALE DEED
Title No. 3506441
NIKOLAOS NIOTIS and
SOFIA NIOTIS
INC
KOLING OLIVE BAPTIST CHURCH, INC.

DISTRICT
SHERMAN 2
BLOCK 347
LOT 21
COUNTY OF TOWN Nassau

RECORDED AT THE OFFICE OF
Middlebrook Title Insurance Company of New York
RETURN BY MAIL TO



Howard Hirnbach, Esq.
111 Great Neck Road
Suite 413
Great Neck, NY 11021

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

**APPENDIX H**

---

**FOIA Requests and Responses**

- Home
- Living & Working
- Doing Business
- Accessing Gov't
- Exploring Nassau
- County Departments
- Nassau A-Z

Nassau County Government

- Federal, State & Local Government
- Employment with the Government
- Press & Public Relations
- Voting & Elections
- Courts & Justice
- Getting Involved
- Feedback & Complaints
- Laws, Regulations & Codes
- Studies, Reports & Plans
- Accessing Gov't A-Z



## FREEDOM OF INFORMATION LAW ("FOIL")

Article 6 of the New York Public Officers Law (sections 84-90), which is also known as the Freedom of Information Law ("FOIL"), gives members of the public a right of access to government records, with certain exceptions that are enumerated in Section 87(2). The full text of FOIL and other information about the law is available at the [website of the New York State Committee on Open Government](#). In accordance with Section 89(3)(b) of FOIL, Nassau County affords you the opportunity to submit records access requests by email by completing the relevant portions of the below electronic form and directing it to the Nassau County agency that is the custodian of the requested records.

Please select a department to send your request to:

### TO THE AGENCY RECORDS ACCESS OFFICER:

**- Request to Inspect Records**

I hereby apply to inspect the following records under the provisions of the Freedom of Information Law. Please advise me of the appropriate time during normal business hours for inspecting the following records prior to obtaining copies (include as much detail about the records as you can, including relevant dates, names, descriptions, etc.):

**- Request to Obtain Electronic Records**

(1) Please email the following records if possible [include as much detail about the record as you can, such as relevant dates, names, descriptions, etc.]:

Any storage tank records, records of environmental complaints, contamination, releases or spills at the following property:

Site located at the southwestern intersection of Community Drive and High Street in Manhasset, NY 11030.  
Section 2, Block 347, Lots 16, 17, and 21



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Nassau County  
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(2) If the requested records cannot be emailed to me due to the volume of records identified in response to my request, please advise me by email of the actual cost of copying all records onto a CD or floppy disk.

**- Request to Obtain Paper Records**

(1) I request paper copies of the following records [include as much detail about the record as possible, such as relevant dates, names, descriptions, etc.; if you request paper copies only if electronic records are not available, please so indicate]:

---

(2). If the cost of reproducing copies of the records does not exceed \$ 0.00 , I agree to promptly pay the established copying fee (\$0.25 per page for copies not exceeding 9 by 14 inches and actual cost of reproduction for other copies). If the cost exceeds the specified amount, please promptly notify me by email of the total cost of copying the requested records.

First Name:\* Adrianna Last Name:\* Bosco

Address:\* 55 Main Street 3rd Floor

City:\* Yonkes State:\* NY Zip:\* 10701

Email Address:\* abosco@psands.com

Telephone: 914-265-7967

Does your FOIL request relate to a pending claim or litigation?:

Yes  No

If Yes, please indicate:

1. The name of the Claimant(s):

2. The Index Number and/or Nassau County File #:

\* = required fields

**Terms and Conditions Relating to Requests for Lists of Names and Addresses**

Under the Freedom of Information Law, government agencies are permitted to require persons requesting lists of names and/or addresses to provide a certification that they will **not** use such lists for solicitation or fund-raising purposes, and will **not** make the lists available to any other person for the purpose of allowing the other person to use the lists for solicitation or fund-raising purposes. By checking the box at the end of



this paragraph, I am certifying that **I will not** use such lists for solicitation or fund-raising purposes, and **will not** make the lists available to any other person for the purpose of allowing the other person to use lists for solicitation or fund-raising purposes.

My certification that I agree to the terms and conditions above, regarding my request to obtain and/or inspect paper and/or electronic records

Submit

[Browser Support](#) | [Privacy Policies](#) | [Disclaimer](#) | [Contact Us](#)

# New York State Department of Environmental Conservation

## Administration- Region One Headquarters

50 Circle Road, Stony Brook, New York 11790-3409

Phone: (631)444-0202 • Fax: (631)444-0353

Website: [www.dec.ny.gov](http://www.dec.ny.gov)



Joe Martens  
Commissioner

April 25, 2013

Ms. Adrianna Bosco  
PS&S  
55 Main St  
3rd Fl  
Yonkers, NY 10701

### **FOIL Reference No.: 13-0446 - Mount Olive Property, Southwestern Intersection of Community Dr & High St, Manhasset for all tank records/complaints.**

A-13-1336

abosco@psands.com

Dear Ms. Bosco:

NYSDEC Region 1 has reviewed your request for the above referenced records under New York State's Freedom of Information Law (FOIL). Please note that information responsive to your request may be found on the Department of Environmental Conservation's website at:

[www.dec.ny.gov/](http://www.dec.ny.gov/)

**[upper right hand corner under search, type database, click on Environmental Site Database Search, click on Spill Incidents Database Search.](#)**

The website includes records associated with sites in several of our remedial programs including the Spill Response Program (SRP), Brownfield Cleanup Program (BCP), State Superfund Program (SSF), Environmental Remediation Program (ERP), and the Voluntary Cleanup Program (VCP). These search engines enable you to search for the requested information using various criteria.

If, based on your search, you require additional records not contained on that accessible site, please resubmit your request and include the FOIL number noted above. In order to expedite our response to your request for additional records, please include additional information such as spill/site identification numbers found on the sites mentioned above. Providing a spill/site identification number and a specific address, owner/corporation name which will help to facilitate the Department's review for the requested records.

If we do not hear from you within the next 14 days, we will assume that you received the information you were seeking through your web search and the FOIL file will be closed.

Thank you for your interest. If you have any questions, please contact Ro DiCandia at (631) 444-0202.

Sincerely,

*R. DiCandia*

Ro DiCandia  
FOIL Coordinator



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
**APPLICATION FOR ACCESS TO RECORDS**  
 (See Instructions on Reverse Side)

A  
P  
P  
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**TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION:**

I hereby apply to inspect the following records under the provisions of the Freedom of Information Law:

Address of Facility or Site (if applicable)

Mount Olive Property

Southwestern intersection of Community Drive and High Street

Manhasset, NY 11030

Section 2, Block 347, Lots 16, 17 and 21

Spill No. (if applicable) \_\_\_\_\_ Facility ID No. (if applicable) \_\_\_\_\_

PBS No. (if applicable) \_\_\_\_\_

Other: Any storage tank records, records of environmental complaints, contamination, releases or spills.

After inspection, should I desire copies of all or part of the records inspected, I will identify the records to be copied and hereby offer to promptly pay the established fees. (Cost of reproduction or 25¢ per page as applicable). Contact me if cost will exceed \$ 25.00.

Name (Print or type) Adrianna Bosco Telephone No. 9142657967 Fax No. \_\_\_\_\_

Company (if applicable) PS&S E-Mail Address abosco@psands.com

Mailing Address 55 Main Street 3rd Floor, Yonkers, NY 10701

Signature Adrianna Bosco Date 4/16/2013

**TO APPLICANT:**

**RECORDS PROVIDED**

\_\_\_ The reproduction costs for the records provided \$ \_\_\_\_\_

\_\_\_ Records have been (partially, fully) provided

(If not provided, date when records are expected to be fully provided: \_\_\_\_\_)

**RECORDS NOT AVAILABLE**

\_\_\_ Records cannot be located after a diligent search \_\_\_ The Department is not the custodian for records indicated

**RECORDS DENIED**

**I hereby advise that access to the records, or part of the records, has been denied for the reason(s) checked below:**

\_\_\_ Specifically exempt by another statute \_\_\_ Unwarranted invasion of privacy

\_\_\_ Would impair present or imminent contract awards or collective bargaining negotiations \_\_\_ Trade secrets

\_\_\_ Compiled for law enforcement purposes \_\_\_ Could endanger life or safety of any other person

\_\_\_ Inter-agency or intra-agency materials that are not:

- statistical or factual tabulations or data
- instructions to staff that affect the public
- final agency policy or determinations; or
- external audits, including but not limited to audits performed by the comptroller and the Federal government

\_\_\_ Other exemptions (as applicable)

Records Custodian signature \_\_\_\_\_ Date: \_\_\_\_\_

## INSTRUCTIONS

**TO APPLICANT:** (The completion of this form is voluntary; however, it will facilitate access to records you seek.)

1. Please identify the specific records you wish to inspect under the "applicant" portion of this form, sign and date in the appropriate place, and give or mail to the Records Access Officer, NYS Department of Environmental Conservation, 625 Broadway, Albany, New York 12233-1500. In the alternative, you may send your request electronically to [foil@gw.dec.state.ny.us](mailto:foil@gw.dec.state.ny.us)
2. If after inspection you should desire copies, identify to the Records Custodian the specific records to be copied. Make check or money order payable to the "New York State Department of Environmental Conservation" for copies reproduced by the Department.
3. If you are denied access to records or portions of records, you may submit a written appeal to the FOIL Appeals Officer, Department of Environmental Conservation, 625 Broadway, Albany, New York 12233-1500. Such appeal has to be made within 30 days after the denial. Please attach a copy of this form showing the "Records Denied" portion when filing your appeal. The FOIL Appeals Officer will evaluate the appeal and respond in writing to you within ten (10) business days after receipt of the appeal.

### **TO DEC RECORDS CUSTODIAN:**

1. Conduct search for records:
  - 1a. If records requested for inspection are not in the custody of the Department, advise the applicant if possible as to the identity and location of the proper custodial agency.
  - 1b. If records are found, determine accessibility (in accordance with Public Officers Law Section 87.2)
2. After determination of accessibility:
  - 2a. If accessible—make available to applicant for inspection.
  - 2b. If not accessible—complete "Records Denied" portion of this form, make and retain one copy of completed form, and give original to applicant fully explaining reason for denial.
3. If applicant desires copies—collect total cost from applicant, and make copies (or arrange with applicant to have copies made with outside vendor and applicant pays vendor). Originals must be returned to Department Records Custodian(s).
4. If you are not able to respond to a request within five (5) business days, acknowledge receipt of the request in writing by the fifth business day and estimate when your final response will be made. If a request can not be fulfilled within (20) business days from the date of the acknowledgment letter, you must advise the requester of a date certain for completion of the request.

### **SPECIAL NOTE**

See [www.dec.ny.gov/public/373.html](http://www.dec.ny.gov/public/373.html) for answers to the most commonly asked questions about DEC and the New York State Freedom of Information Law.



**NYS Department of Environmental Conservation**

*Office of General Counsel*

625 Broadway, Albany, New York 12233-1500

(518) 402-9018 (Fax)

**FOIL Request No. 13-1336**

**4/24/2013**



**Joe Martens  
Commissioner**

Ms. Adrianna Bosco  
PS&S  
55 Main Street 3rd Floor  
Yonkers, NY 10701-

Dear Ms. Bosco:

This is to acknowledge receipt of your Freedom of Information Law request seeking records regarding: **Mount Olive Property, Southwestern Intersection of Community Drive & High Street, Manhasset, NY 11030**

I have referred your request to the following Records Custodian(s) / Freedom of Information Law Coordinator(s) who may possess the records you are requesting:

Ms. Ro DiCandia - Region 1  
SUNY at Stonybrook 50 Circle Road  
Stonybrook, NY 11790-3409 (631) 444-0202

You may expect a response to your request by **5/22/2013.**

If I can be of further assistance, please contact me at (518) 402-9522 . Refer to request number 13-1336 , if you write or call.

Sincerely,

Ruth L. Earl  
Records Access Officer

# New York State Department of Environmental Conservation

## Administration- Region One Headquarters

50 Circle Road, Stony Brook, New York 11790-3409

Phone: (631)444-0202 • Fax: (631)444-0353

Website: [www.dec.ny.gov](http://www.dec.ny.gov)



Joe Martens  
Commissioner

April 18, 2013

Adrianna Bosco  
PS&S  
55 Main St  
Yonkers, NY 10701

[abosco@psands.com](mailto:abosco@psands.com)

**FOIL Reference No. : 13-0446**

A-13-1336

Dear Ms. Bosco:

This is to acknowledge receipt of your Freedom of Information Law request seeking records **regarding information on Mount Olive Property, Southwestern Intersection of Community Dr & High St, Manhasset for all tank records/complaints.**

I have referred your request to the Region 1 staff that may possess the records that you are requesting. You may expect a response from me to your request by **MAY 18, 2013**. That response will advise you whether any records responsive to your FOIL request have been identified, and if so, the extent to which the records are releasable under FOIL.

If I can be of further assistance, please contact me at 631-444-0202, please refer to the FOIL Request #**13-0446** that the Region has assigned to the request if you write or call.

Sincerely,

*Ro DiCandia*

Ro DiCandia  
Region 1 FOIL Coordinator

# New York State Department of Environmental Conservation

## Administration- Region One Headquarters

50 Circle Road, Stony Brook, New York 11790-3409

Phone: (631)444-0202 • Fax: (631)444-0353

Website: [www.dec.ny.gov](http://www.dec.ny.gov)



Joe Martens  
Commissioner

May 29, 2014

Ms. Adrianna Bosco  
PS&S  
55 Main St  
3rd Fl  
Yonkers, NY 10701

### **FOIL Reference No.: 13-0446 - Mount Olive Property, Southwestern Intersection of Community Dr & High St, Manhasset for all tank records/complaints.**

A-13-1336

[abosco@psands.com](mailto:abosco@psands.com)

Dear Ms. Bosco:

NYSDEC Region 1 has reviewed your request for the above referenced records under New York State's Freedom of Information Law (FOIL). Please note that information responsive to your request may be found on the Department of Environmental Conservation's website at:

[www.dec.ny.gov/](http://www.dec.ny.gov/)

**upper right hand corner under search, type database, click on Environmental Site Database Search, click on Spill Incidents Database Search.**

The website includes records associated with sites in several of our remedial programs including the Spill Response Program (SRP), Brownfield Cleanup Program (BCP), State Superfund Program (SSF), Environmental Remediation Program (ERP), and the Voluntary Cleanup Program (VCP). These search engines enable you to search for the requested information using various criteria.

If, based on your search, you require additional records not contained on that accessible site, please resubmit your request and include the FOIL number noted above. In order to expedite our response to your request for additional records, please include additional information such as spill/site identification numbers found on the sites mentioned above. Providing a spill/site identification number and a specific address, owner/corporation name which will help to facilitate the Department's review for the requested records.

If we do not hear from you within the next 14 days, we will assume that you received the information you were seeking through your web search and the FOIL file will be closed.

Thank you for your interest. If you have any questions, please contact Ro DiCandia at (631) 444-0202.

Sincerely,

*R. DiCandia*

Ro DiCandia  
FOIL Coordinator



## Smith, Victoria

---

**From:** foia@erulemaking.net  
**Sent:** Tuesday, April 16, 2013 4:06 PM  
**To:** Bosco, Adrianna  
**Subject:** FOIA Request EPA-R2-2013-005543 Submitted

This message is to confirm your request submission to the FOIAonline application: [View Request](#). Request information is as follows:

- Tracking Number: EPA-R2-2013-005543
- Requester Name: Adrianna Bosco
- Date Submitted: Tue Apr 16 16:06:27 EDT 2013
- Request Status: Submitted
- Description: Site: Mount Olive located at the southwestern intersection of High Street and Community Drive, Manhasset, NY 11030 and 46 High Street, Manhasset, NY, 11030

Section 2, Block 347, Lots 16, 17 and 21

Information requested: Any storage tank records, records of environmental complaints, contamination, releases or spills.

**Smith, Victoria**

---

**From:** Calderon.Wanda@epa.gov  
**Sent:** Thursday, May 30, 2013 8:43 AM  
**To:** Bosco, Adrianna  
**Subject:** Final Disposition, Request EPA-R2-2013-005543

Request EPA-R2-2013-005543 has been processed with the following final disposition: No records

This is not a denial of records, but, if you consider it to be one this disposition can be appealed by filling out the appeal creation form here: [Create Appeal](#).

## Smith, Victoria

---

**From:** Gruenhut, Shirley <Gruenhut.Shirley@epa.gov>  
**Sent:** Thursday, April 25, 2013 2:05 PM  
**To:** Bosco, Adrianna  
**Subject:** RE: FOIA Request EPA-R2-2013-005543

**Importance:** High

Thank you, Ms. Bosco for your clarification. Then I shall proceed as customary and usual. There is no RCRA information for 46 High Street, and since there is no specific postal address for the other "entity/site", we shall furnish area reports for the Town, County & zip code so that you may select any entities that are of interest to you. We require a street address in order for us to continue our search.

Thank you.

*Shirley Gruenhut*  
*Level III RCRA Support Analyst*  
*CASD*

---

**From:** Bosco, Adrianna [mailto:abosco@psands.com]  
**Sent:** Thursday, April 25, 2013 2:02 PM  
**To:** Gruenhut, Shirley  
**Subject:** Re: FOIA Request EPA-R2-2013-005543

Ms. Gruenhut, I apologize for not getting back to you sooner. There is no exact address for the site. The block and lot numbers are as follow:Section 2, Block 347, Lots 16, 17 and 21. The address is currently listed as High Street. 46 High Street is also included in the site property as Lot 21 and is a residential building. I hope this clarifies any issues. Please e-mail me if you have any further questions and I will try my best to help you

Thank you for your assistance,  
Adrianna Bosco

Sent from my iPhone

On Apr 25, 2013, at 11:40 AM, "Gruenhut, Shirley" <Gruenhut.Shirley@epa.gov> wrote:

Dear Ms. Bosco:

I have left several voice mail messages for you but have not as of yet heard from you. I am in need of some clarification of the above-referenced FOIA request.

Your request stipulates: Site: Mount Olive located at the southwestern intersection of High St. & Community Drive, Manhasset, NY 11030 AND 46 High Street, Manhasset, NY 11030.

Would you please contact me asap as I need clarification of what exactly Mount Olive is – if there is NO specific postal address for whatever this entity is, then please advise immediately and kindly furnish whatever information you possess for this "Mt. Olive".

There is no RCRA information on file for the other location that you furnish – which is 46 High Street, Manhasset, NY.

Thank you for your expeditious response to this e-mail.

***Shirley Gruenhut***  
***Level III RCRA Support Analyst***  
***CASD***

---

**Smith, Victoria**

---

**From:** NCDOH.FOIL <ncdoh.foil@nassaucountyny.gov>  
**Sent:** Wednesday, November 06, 2013 12:22 PM  
**To:** Bosco, Adrianna; "gerald.giuliano@hhsnassaucountyny.us"@l32.spamh.com;  
"abby.liff@hhsnassaucountyny.us"@l32.spamh.com  
**Subject:** A Message has been received in your FOIL account.



Geotechnical  
Environmental  
Water Resources  
Ecological

**Final Site Characterization Report**

**Manhasset Former Hortonsphere Site**

High Street

Manhasset, New York

AOC Index No. : A1-0595-08-07

Site # 130182

**Submitted to:**

National Grid  
175 East Old Country Road  
Hicksville, NY 11801

**Submitted by:**

GEI Consultants, Inc.  
455 Winding Brook Drive  
Glastonbury, CT 06033  
860-368-5300

August 2011  
093000-8-1801



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Jerry Zak  
Project Manager

# Table of Contents

<b>Abbreviations and Acronyms</b>	<b>iv</b>
<b>Executive Summary</b>	<b>vi</b>
<b>1. Introduction</b>	<b>1</b>
1.1 SC Objectives and Scope	2
1.2 Site Description	2
1.2.1 Current Ownership and Use	3
1.2.2 Surrounding Property Use	3
1.2.3 Site History	3
1.3 Physical and Environmental Setting	4
1.3.1 Regional Geology	5
1.3.2 Regional Hydrogeology	5
1.3.3 Water Use	6
1.3.4 Climatology	6
1.4 Previous Investigations	6
<b>2. Site Characterization Scope of Work</b>	<b>7</b>
2.1 SC Field Work	7
2.2 Field Methods	8
2.2.1 Utility Mark Out	8
2.2.2 Soil Sampling and Monitoring Well Installation	9
2.2.3 Stormwater Channel Sediment Sampling	12
2.2.4 Groundwater Sampling	12
2.2.5 Soil Vapor and Ambient Air Sampling	13
2.2.6 Survey	14
<b>3. Site Geology and Hydrogeology</b>	<b>16</b>
3.1 Geology	16
3.2 Site Hydrogeology	16
<b>4. Findings</b>	<b>18</b>
4.1 Surface Soil	19
4.2 Subsurface Soil	19
4.3 Stormwater Sediment	20
4.4 Groundwater	21
4.5 Soil Vapor	22
4.6 Non-Aqueous Phase Liquids (NAPL)	22
<b>5. Qualitative Human Health Exposure Assessment</b>	<b>23</b>
5.1 Exposure Pathways	23
5.1.1 Surface Soil	23

5.1.2	Subsurface Soil	24
5.1.3	Stormwater Sediment	24
5.1.4	Groundwater	24
5.1.5	Soil Vapor	25
5.2	QHHEA Conclusions	25
<b>6. Fish and Wildlife Resources Impact Analysis</b>		<b>26</b>
<b>7. Conclusions</b>		<b>29</b>
<b>References</b>		<b>32</b>



## Table of Contents (cont.)

---

### Tables

---

- 1 Climatological Norms and Means – LaGuardia Airport
- 2 Sample Rationale
- 3 Monitoring Well Construction Data
- 4 Final Groundwater Parameters
- 5 Surface Soil Analytical Results for Detected Compounds
- 6 Subsurface Soil Analytical Results for Detected Compounds
- 7 Stormwater Sediment Analytical Results for Detected Compounds
- 8 Groundwater Analytical Results for Detected Compounds
- 9 Soil Vapor and Ambient Air Analytical Results for Detected Compounds
- 10 Soil Analytical Data Statistical Summary
- 11 Groundwater Analytical Data Statistical Summary
- 12 Typical Background Concentrations of Metals in Soil
- 13 Fish and Wildlife Resources Impact Analysis Decision Key

### Figures

---

- 1 Site Location Map
- 2 Existing Conditions and Sample Location Summary
- 3 1966 Aerial Photograph of Site and Vicinity
- 4 1976 Aerial Photograph of Site and Vicinity
- 5 Cross section A-A'
- 6 Cross section B-B'
- 7 Groundwater Contours (December 27-28, 2007)
- 8 Groundwater Contours (January 28, 2008)
- 9 Groundwater Contours (January 14, 2010)
- 10 Surface Soil Analytical Summary (mg/kg)
- 11 Subsurface Soil Analytical Summary (mg/kg)
- 12 Stormwater Sediment Analytical Summary (mg/kg)
- 13 Dissolved Phase Groundwater Analytical Summary (ug/L)

### Appendices

---

- A Work Plan Approval Letter and Change Order
- B Representative Site Photographs
- C Historical Documents
- D Soil Boring, Monitoring Well Logs and Map of Water Table Elevations in Vicinity of Manhasset, New York
- E Data Usability Summary Report and Electronic Data Deliverables (Electronic Only)

H:\WPROJ\Project\KEYSPAN\11 Site Characterizations\Manhasset\_Hortonsphere\FinalSCReport 8-2011\Manhasset Final SC 8-23-2011 final.docx

## Abbreviations and Acronyms

---

AOC	Administrative Order on Consent
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
CAMP	Community Air-Monitoring Plan
COPC	Contaminants Of Potential Concern
DER-10	Technical Guidance for Site Investigation and Remediation
DO	Disolved Oxygen
DUSR	Data Usability Summary Report
EDR	Environmental Data Resources
ELAP	Environmental Laboratory Approval Program
EPA	United States Environmental Protection Agency
FCO	Field Change Order
FSP	Field Sampling Plan
FWRIA	Fish and Wildlife Resource Impact Analysis
GEI	GEI Consultants, Inc.
GPR	Ground Penetrating Radar
GPS	Global Positioning System
ID	Inner Diameter
KeySpan	KeySpan Corporation
LILCO	Long Island Lighting Company
MGP	Manufactured Gas Plant
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NAD	North American Datum
NAPL	Non-aqueous Phase Liquids
NAVD	North American Vertical Datum
NOAA	National Oceanographic and Atmospheric Administration
NY LS	New York State-Licensed Land Surveyor
NYSASP	New York State Analytical Services Protocol
NYS SCGs	New York State Ambient Water Quality Standards and Guidance Values
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORP	Oxidation/Reduction Potential
OSHA	Occupational Safety and Health Administration
PAH	Polycyclic Aromatic Hydrocarbon
PEL	Pemissible Exposure Limit
PCB	Polychlorinated Biphenyl

## Abbreviations and Acronyms

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PID	Photoionization Detector
PVC	Polyvinyl chloride
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
QHHEA	Qualitative Human Health Exposure Assessment
Sanborn	Sanborn Fire Insurance Map
SC	Site Characterization
SCOs	New York State Soil Cleanup Objectives
SCWP	Site Characterization Work Plan
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
USCS	Unified Soil Classification System
U.S.	United States
USDOT	United States Department of Transportation
VOC	Volatile Organic Compound
6NYCRR	Title 6, Chapter 100, Part 700-705 Of The New York State Code Of Rules And Regulations

### UNITS OF MEASURE

cm/s	Centimeter Per Second
°F	Degrees Farenheight
ft/d	Feet Per Day
L	Liter
mg/kg	Milligram Per Kilogram
mL	Milliliters
mph	Miles Per Hour
ppm	Parts Per Million
ug/L	Microgram Per Liter

## Executive Summary

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On behalf of National Grid, GEI Consultants, Inc. (GEI) conducted a Site Characterization (SC) to assess environmental conditions at the former Manhasset Hortonsphere Site in Manhasset, New York. The SC evaluated potential environmental impacts associated with the former Hortonsphere. It was conducted in accordance with the Administrative Order on Consent (AOC) Index No. A1-0595-08-07 and with New York State Department of Environmental Conservation (NYSDEC)-approved SC and supplemental SC (SSC) work plans.

The Hortonsphere was an aboveground gas storage vessel located on a small portion of the property to the south of High Street and along Community Drive in Manhasset, Nassau County, New York (Figures 1 and 2). The property is primarily undeveloped, overgrown, and wooded. A small portion of the property is used as parking for the Mount Olive Baptist Church, the current owner of the property. The original “footprint” of the former gas operations and equipment occupies a portion of the property currently owned by the church.

The Long Island Lighting Company (LILCO), a predecessor of National Grid, operated and used the Hortonsphere to store and locally distribute natural gas and manufactured gas from 1929 until 1960. The Bay Shore former manufactured gas plant (MGP) likely supplied gas to the Hortonsphere based upon a review of historical records. In 1960, the Hortonsphere and regulator house were dismantled and removed. The gas piping was abandoned in-place. No additional historical or operational information has been located for the Manhasset Hortonsphere.

The current property, including the former Manhasset Hortonsphere Site, was sold to the Mount Olive Baptist Church in 1961. Sometime between the late 1960s and mid 1970s, the soils at the property were reworked, areas of the property were filled, and trees and vegetation were cleared, based on 1966 and 1976 aerial photographs (Figures 3 and 4). Trees and other vegetation have subsequently grown back. The property is zoned for residential use.

The objectives of the SC included evaluating the potential for human and ecological exposure to chemical constituents at the Site. To achieve these objectives, soil borings were drilled, groundwater-monitoring wells were installed, surface- and subsurface-soil samples, stormwater sediment samples, soil vapor samples, and groundwater samples were collected and analyzed to identify impacts that might be associated with the former Hortonsphere.

Chemicals potentially related to former Hortonsphere operations include volatile organic compounds (VOCs) [including benzene, toluene, ethylbenzene, and xylenes (BTEX)], semi-volatile organic compounds (SVOCs) [including polycyclic aromatic hydrocarbons (PAHs)],

polychlorinated biphenyls (PCBs), and lead. Concentrations of PAHs, pesticides and metals were detected in reworked soils and fill material outside the footprint of the former Hortonsphere.

Detected compound concentrations in surface soil, subsurface soil, and stormwater channel sediments were compared to Title 6, Chapter 100, Part 700-705 of the New York State Code of Rules and Regulations (6NYCRR), Part 375 Restricted Residential Use Soil Cleanup Objectives (the "Residential SCOs") (NYSDEC, 2006). The concentrations of compounds detected in groundwater were compared to New York State Ambient Water Quality Standards, Guidance, and Criteria (NYS SCGs) for GA Groundwater.

VOCs (including BTEX compounds), PCBs, pesticides and herbicides were either not detected or were detected below the Residential SCOs in surface soil, subsurface soil, and stormwater channel sediments. Chromium and lead were present in surface soil at concentrations above Residential SCOs. All other metals detected in soils and sediment were below the Residential SCOs.

A few individual PAHs – a subset of SVOCs - were detected in three out of nine surface soil samples, five out of twenty-eight subsurface soil samples, and two out of four stormwater sediment samples. Lead was also detected in one surface soil sample just above the Residential SCOs in a grassed area adjacent to High Street. The origin of PAHs and lead present at concentrations above the Residential SCOs does not appear to be former gas operations. They are primarily found in surface and shallow subsurface soils at locations where soils were reworked, fill materials were encountered, and/or vehicles have been parking in recent years, separate from the gas operations "footprint". The sediment PAH impacts appear to have originated off-site, at an up-gradient location, and were transported onto the site and deposited by stormwater.

VOCs (including BTEX compounds), PCBs, pesticides and herbicides were either not detected or were detected below NYS SCGs in groundwater. Metals were detected at concentrations above the SCGs in all groundwater samples. Most of these metals occur naturally and commonly in groundwater. The presence of other metals, such as lead and arsenic, were most likely present due to turbidity. Groundwater flow direction at the site varies, but dissolved phase impacts are low or not detectable and off-site migration is not regarded as a concern.

Groundwater is located more than 45 feet below ground surface beneath the Hortonsphere and ranges from 14 below ground surface adjacent to Community Drive to over 65 feet at eastern property boundary limiting potential contact to these metals. The Manhasset-Lakeville Water Company supplies potable water to the area. The closest downgradient water supply wells are located more than ½ mile to the north-northwest and are not screened either in the deeper

Magothy or Lloyd aquifers. Therefore, there is no potential exposure through consumption of the groundwater beneath the property.

Although there is no apparent on-site source, low levels of VOCs were detected in soil vapor at all soil vapor sample locations. Most of the sampling locations were situated away from the footprint of the former Hortonsphere, in areas of reworked soils and areas where fill materials were encountered. The VOCs are consistent with petroleum hydrocarbons (including gasoline) and chlorinated solvents. Chlorinated compounds are not typically associated with the operation of Hortonspheres. One “deep” soil vapor sample collected in native soil beneath reworked shallow soil contained VOCs at lower concentrations than the shallow sample. Because surface soil, subsurface soil, and groundwater generally lacked VOC impacts, it does not appear there is an on-site source of VOCs.

There is no potential for soil vapor intrusion at the Site because there are no on-site structures where indoor air quality could be impacted. However, construction, utility and other workers could be exposed to low levels of VOCs within soil vapor if soils are disturbed.

A Qualitative Human Health Exposure Assessment determined that limited potential exists for human receptors to encounter several PAHs, lead and chromium compounds above screening values because the Site is infrequently accessed and posted with no trespassing signs that restrict access.

The low-level and infrequent detections of chemical constituents in surface soils did not warrant the completion of a Fish and Wildlife Resource Impact Analysis according to NYSDEC’s guidance, and the low-level surface soil detections pose no potential threat to the ecology.

These findings adequately characterize the site and demonstrate that former Hortonsphere operations are not an apparent source of the minor impacts in site media.

# 1. Introduction

---

On behalf of National Grid, GEI Consultants, Inc. (GEI) conducted a Site Characterization (SC) to assess environmental conditions at the Manhasset former Hortonsphere Site, located to the south of High Street in Manhasset, Nassau County, New York (Figure 1). The Manhasset former Hortonsphere site (Site) encompassed a small portion of the current property as shown in Figure 2.

The SC was performed pursuant to an Administrative Order on Consent (AOC) (Index No. A1-0595-08-07) with the New York State Department of Environmental Conservation (NYSDEC), requiring environmental assessment for this and other gas facilities including former Hortonsphere locations. The Manhasset former Hortonsphere Site is identified in Exhibit A of the AOC. National Grid is responsible for the SC because a predecessor company, the Long Island Lighting Company (LILCO), operated the Hortonsphere to store manufactured gas and natural gas for use in the surrounding community. Former gas storage may have generated waste products with the potential to affect human health and the environment. These products could include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) polycyclic aromatic hydrocarbons (PAHs – a subset of SVOCs), polychlorinated biphenyls (PCBs), and lead.

GEI submitted the Site Characterization Work Plan in November 2007 to the NYSDEC, which approved the SCWP in a letter dated November 16, 2007 (Appendix A). Following the review of the SC data, NYSDEC requested supplemental investigation. GEI submitted a Supplemental Site Characterization (SSC) Work Plan on January 28, 2009 to the NYSDEC. NYSDEC approved the SSC Work Plan in letter dated February 3, 2009.

GEI prepared a Site Characterization Data Summary on behalf of National Grid, and integrated all data and information acquired during both site characterization studies. The summary was submitted to NYSDEC on July 13, 2009. NYSDEC provided a conditional acceptance letter on October 7, 2009. The acceptance was contingent on submittal of this final SC report.

The remainder of Section 1 discusses the SC objectives and scope (subsection 1.1), presents a description and current use of the Site and surrounding properties, the history of the Site (subsection 1.2), and discusses the physical and environmental setting of the Site (subsection 1.3). Section 2 discusses the SC scope of work and methods employed during the field investigation. Section 3 discusses the geology and hydrogeology underlying the property. Section 4 presents the findings of the investigation, including field observations and chemical data collected, and interprets these findings. Section 5 presents a Qualitative Human Health

Exposure Assessment (QHHEA). Section 6 presents an ecological evaluation. Section 7 presents a summary of the key findings and conclusions.

## 1.1 SC Objectives and Scope

There were four objectives of the SC, as follow:

- Determine if environmental impacts were present in soil, groundwater, stormwater sediment, and/or soil vapor.
- Determine which impacts were related to the historic Hortonsphere operation.
- Identify the potential for human exposure to impacts.
- Identify the potential for ecological exposure to impacts.

The SC scope of work consisted of:

- Environmental records database search with radius map performed, and historic aerial photographs and Sanborn Fire Insurance (Sanborn) maps provided by Environmental Data Resources of Milford, Connecticut (EDR).
- Search of the on-line NYSDEC Searchable Spills or Environmental Remediation databases.
- Multiple site visits.
- Identification and mark out of underground utilities.
- Surface soil sampling.
- Advancement of soil borings and collection of subsurface soil samples.
- Collection of stormwater channel sediment samples.
- Installation of monitoring wells and collection of groundwater samples.
- Installation and sampling of temporary soil vapor points.
- Survey of sample locations.
- Community air monitoring.
- Preparation of a QHHEA.
- Ecological evaluation.

Contaminants of potential concern (COPC) identified in the SCWP that may be associated with the former Hortonsphere include VOCs, SVOCs, PCBs, and lead. In addition, sulfate and sulfide were included as COPCs as requested in the NYSDEC comment letter dated October 5, 2007.

## 1.2 Site Description

The former Hortonsphere site is located on High Street on a small portion of the 3.16-acre parcel located to the west of Community Drive and to the south of High Street in Manhasset, Nassau County, New York. The footprint of the former Hortonsphere Site is shown in Figure 2. The undeveloped property currently occupies Section 2 - Block 347 - Lots 16 and 17. The property is



zoned for residential purposes (R-C) by the Town of North Hempstead. The Site conditions are shown in Figure 2. Photographic documentation collected during Site reconnaissance is included in Appendix B.

### **1.2.1 Current Ownership and Use**

The Site is currently owned by the Mount Olive Baptist Church. It is undeveloped and consists of a vacant wooded lot and grassed parking lot (Appendix B). The property is partially enclosed by a chain link fence on the southern property boundary and a locked gate is located at the parking lot on High Street. The property is posted with “No Trespassing” signs along High Street.

### **1.2.2 Surrounding Property Use**

The Site is located in a residential and commercial section of Manhasset. The property is bordered to the south by multiple residential apartment buildings. A playground for a daycare/community center is located to the west. Residential dwellings, a church and High Street are located to the north. Community Drive is located to the east. The entrance to a commercial property and a Nassau County Police Department building and associated parking lots are located to the east of Community Drive.

### **1.2.3 Site History**

GEI developed a history of the Manhasset Hortonsphere Site, current property and surrounding area through Site reconnaissance and review of available Sanborn maps, aerial photographs, topographic maps, site property plans, Hortonsphere photograph, and a drawing entitled “Retirement of Sphere, Governor House & Equipment Manhasset, NY Drawing L-209-Q dated March 29, 1960.” Photographic documentation from the SC is included in Appendix B, and the Sanborn maps, aerial photographs, topographic maps, Hortonsphere photograph, site property plans and drawing are included in Appendix C.

LILCO purchased the property and constructed the Manhasset Hortonsphere in 1929. The Hortonsphere served solely as a gas distribution facility, no gas manufacturing occurred at the Site. Site equipment consisted of the Hortonsphere and a regulator (governor) house that controlled the gas pressure.

GEI reviewed and compiled information regarding the distribution of gas by National Grid’s predecessor the Long Island Lighting Company (LILCO). The historical information is presented in *Review of Long Island Gas Manufacture and Distribution (1907 to 1950)*, which was provided to the NYSDEC in April 2009 [revised October 2009] (Appendix C). Historical information suggests that the Manhasset Hortonsphere was most likely supplied by the Bay Shore manufactured gas plant (MGP). No other operational data or information has been located for the site.

The former Hortonsphere operations occupied a small portion of the property adjacent to Community Drive as shown in Figure 2. The Hortonsphere and regulator house were first shown on the 1936 Sanborn map. During a search for Site operating information, National Grid discovered a historic photograph (date unspecified) that shows the condition of the Hortonsphere. In the photograph, the Hortonsphere Site consisted of a steel sphere with steel legs that appear to be attached to concrete footings and a one-story brick regulator (pump) house. The area adjacent to the Hortonsphere and regulator house is a grassed area with trees. A copy of the Hortonsphere photograph is provided in Appendix C. The Site remained relatively unchanged in the 1950 Sanborn map. On the 1954 aerial photograph, the Manhasset Hortonsphere and regulator house are present. The remainder of the property was undeveloped and appears to be grassed and wooded.

The Hortonsphere and regulator house were decommissioned in 1960 according to available LILCO records. LILCO sold the property to the current owner, Mount Olive Baptist Church in October 1961, after which LILCO did not have control over the property. The Hortonsphere and regulator house were absent from the 1966 aerial photograph (Figure 3).

In the 1976 aerial photograph (Figure 4), the trees and vegetation were cleared from the current property, including the Hortonsphere Site, and the soils appear to be reworked across the entire property. By 1980, soils at the former Hortonsphere Site appear reworked on the eastern boundary and areas of vegetation are noted on the remainder of the property. The northwestern portion of the property was used as a parking lot as it is used today. By 1994, the property, including the Hortonsphere Site, was overgrown with vegetation and trees as it remains today.

The Site has remained undeveloped since that time. The property has been subject to unauthorized dumping. Garbage and other debris were observed during a site walk with National Grid, NYSDEC, and GEI on October 30, 2008.

### **1.3 Physical and Environmental Setting**

The Manhasset Hortonsphere property is undeveloped and is primarily wooded with trees and brush. The northwestern portion of the property is used as a parking lot for the Mount Olive Baptist Church. Fill materials including construction debris (asphalt and concrete fragments) were encountered adjacent to the parking lot. The property is located on a steep slope with topographic elevations ranging from 40 feet North American Vertical Datum (NAVD) adjacent to Community Drive to 95 feet NAVD within the parking lot at the western property boundary near the end of High Street. A stormwater drainage channel snakes eastward, adjacent to the southern boundary of the property, and then flows northward through the footprint of the former Hortonsphere Site to a catch basin on High Street (Figure 2).

An unnamed tributary to Whitney Lake is located approximately 500 feet to the east of the Site.

### **1.3.1 Regional Geology**

Long Island is within the Atlantic Coastal Plain physiographic province. The geologic units in northern Long Island, in order of shallowest to deepest, include glacial till deposits of the Upper Glacial Aquifer, thick sequences of Cretaceous-aged marine deposits of the Magothy Aquifer, and Cretaceous-aged shallow marine and terrestrial sediments of the Lloyd Aquifer overlying a southward-sloping bedrock surface. Near the Site, the thickness of unconsolidated deposits overlying bedrock is approximately 650 feet (Soren and Simmons, 1985). Surficial soil at the property normally consists of glacial till deposits, but some of these soils may have been reworked and areas filled with material. The SC wells are screened at the water table in the Upper Glacial Aquifer.

The Raritan Clay, an aquitard (a low-conductivity layer that restricts vertical groundwater flow), separates the Magothy Aquifer from the Lloyd Aquifer. The underlying bedrock consists of virtually impermeable Precambrian and Paleozoic-aged crystalline metamorphic and igneous rock. The bedrock surface is regarded as the lowest hydraulic boundary of the groundwater flow system within the study area, as well as for the rest of Long Island (Busciolano, 2002).

### **1.3.2 Regional Hydrogeology**

Three regional groundwater aquifers are present in the Long Island area, in order of increasing depth.

- The Upper Glacial Aquifer consisting of Upper Pleistocene glacial deposits.
- The Magothy Aquifer consisting of the Late Cretaceous Magothy Formation and Matawan Group deltaic deposits.
- The Lloyd Aquifer consisting of the Lloyd Sand Member.

The Upper Glacial Aquifer is generally unconfined (water table); however, it can be locally confined by the presence of silt and clay layers within moraine deposits. Groundwater within the Upper Glacial Aquifer flows north towards Manhasset Bay. The horizontal hydraulic conductivity of glacial outwash deposits of the Upper Glacial Aquifer on Long Island were calculated at 270 feet per day ( $9.5 \times 10^{-2}$  centimeters per second [cm/s]) (Franke and Cohen, 1972 in Cartwright, R.A., 2002). The horizontal hydraulic conductivity for the poorly-sorted moraine deposits is likely in the range of 135 feet per day ( $4.4 \times 10^{-2}$  cm/s) (Buxton and Shernoff, 1995 in Cartwright, 2002).

The Magothy aquifer underlies the Upper Glacial Aquifer and is the thickest hydrogeologic unit on Long Island. It consists of beds and lenses of clay, silt, sand and gravel. The average horizontal hydraulic conductivity ranges from approximately 50 to 67 feet per day (ft/d) (Soren and Simmons, 1985). The Lloyd Aquifer is a confined artesian unit between the bedrock and

overlying Raritan Clay. It also consists of beds and lenses of clay, silt, sand and gravel. The average horizontal hydraulic conductivities range from 40 to 67 ft/d (Soren and Simmons, 1985).

### 1.3.3 Water Use

The Manhasset-Lakeville Water District currently provides the public water supply to the Site and surrounding area. The Manhasset-Lakeville Water District is serviced by 18 wells that obtain water from the Magothy and Lloyd aquifers (Manhasset-Lakeville Water District, 2008). An EDR commercial database search of environmental records indicated that there are six public water supply wells (public water supply system NYW2902836) located within 1 mile of the Site (Appendix C). Three public water supply wells (Eden 23, Jennings and Campbell 1) are located  $\frac{1}{4}$  to  $\frac{1}{2}$  mile to the south-southwest. One well *E. Shore Road 5* is located  $\frac{1}{2}$  to 1 mile to the south, and two wells NYW2902836 (*Parkway 1* and *Parkway 2*) are located  $\frac{1}{2}$  to 1 mile to the north-northwest of the Site. These wells are located topographically upgradient of the Site and are screened in the Magothy and Lloyd Aquifers.

### 1.3.4 Climatology

A summary of the monthly climatologic records collected at LaGuardia Airport in Queens, New York was reviewed. The airport is located approximately 12 miles to the west of the Site and its weather records are considered representative of weather conditions at the Site. Table 1 summarizes the climatologic data for the airport. The average monthly maximum temperature was 62 degrees Fahrenheit ( $^{\circ}$ F) and the average monthly minimum temperature was 48 $^{\circ}$ F. The lowest average monthly maximum temperature was 39 $^{\circ}$ F recorded for January and the highest average monthly maximum was 85 $^{\circ}$ F recorded for July. The average annual precipitation (rainfall) for the area is 44.36 inches with the largest monthly precipitation of 4.41 inches, occurring in July.

During implementation of the SC field program, climatic conditions were monitored as part of the perimeter air-monitoring program (Table 1). In November 2007, the average maximum temperature was 53 $^{\circ}$ F and the average minimum temperature was 41 $^{\circ}$ F. Precipitation was 2.78 inches in November 2007. The average wind speed was 11 miles per hour (mph). The SSC activities were conducted in February 2009. The average maximum temperature was 37 $^{\circ}$ F and the average minimum temperature was 29 $^{\circ}$ F. Precipitation was 0.66 inches. The average wind speed was 13 miles per hour (mph).

## 1.4 Previous Investigations

No previous environmental investigations related to the Site are known by GEI or National Grid to have been performed. No records of environmental investigations were encountered during our environmental database searches conducted in April and May 2007.

## 2. Site Characterization Scope of Work

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The objective of the SC was to identify the presence or absence of chemical compounds that could potentially be associated with the operation of the former Hortonsphere. The initial SC fieldwork was conducted between in November and December 2007, and SSC fieldwork was conducted in February 2009.

Prior to the preparation of the SCWP, GEI conducted a reconnaissance of the Site and reviewed historic environmental records, information sources such as Sanborn maps, topographic maps, and an EDR Radius Report. The information gathered during these activities determined the type of environmental sampling and the number and location of sampling locations specified in both approved work plans. All sample locations are shown in Figure 2.

The following sections describe the methods used for the sampling in accordance with the NYSDEC-approved work plans and approved field change order. Detailed field procedures were provided in the SC Work Plan. Zebra Environmental, Inc. of Lynbrook, New York, advanced Geoprobe® soil borings, installed soil vapor points and installed shallow monitoring wells (MS-MW-03 and MS-MW-06). Aquifer Drilling and Testing of New Hyde Park, New York, advanced soil borings and installed monitoring wells at depths greater than 45 feet (MS-MW-04A and MS-MW-05) utilizing a hollow stem auger drilling rig.

GEI provided oversight of all field activities, installed soil-gas sampling points, and collected all samples. TestAmerica Laboratories of Shelton, Connecticut, a New York State Environmental Laboratory Approval Program (ELAP) certified laboratory, completed the soil and groundwater sample analyses in accordance with New York State Analytical Service Protocols (NYSASP). Alpha Woods Hole Labs of Westborough, Massachusetts, a New York State Environmental ELAP laboratory, completed the soil vapor sample analysis.

### 2.1 SC Field Work

The SC Field work included:

- Collection and analysis of nine surface soil samples (MS-SS-01 through MS-SS-09).
- Drilling of twelve soil borings (MS-GP-01 through MS-GP-12).
- Installation of five monitoring wells (MS-MW-03 through MS-MW-06).
- Collection of two groundwater samples with a Geoprobe® groundwater sampler (MS-GW-01 and MS-GW-02).
- Collection of four stormwater sediment samples from a stormwater channel (MS-SED-01 through MS-SED-04).

- Installation of ten soil vapor sampling points (MS-SV-01 through MS-SV-06, MS-SV-07S, MS-07D, MS-SV-08S, and MS-SV-08D).
- Laboratory chemical analysis of twenty-eight subsurface-soil samples was completed on soils collected from twelve boring locations (one to two samples per boring plus two duplicate samples).
- Laboratory chemical analysis of seven groundwater samples collected from four monitoring wells and two grab samples utilizing the Geoprobe® groundwater sampler (one sample per well plus one duplicate sample).
- Laboratory chemical analysis of ten soil vapor samples collected from nine soil vapor points (MS-SV-01 through MS-SV-06, MS-SV-07S, MS-SV-08S, and MS-SV-08D). One duplicate sample was collected. A soil vapor sample could not be collected from MS-SV-07D because of perched groundwater conditions.
- Groundwater elevation measurements in April and December 2009 and January 2010 to assess variations observed in groundwater flow direction between December 2007, January 2008, and February 2009.

Table 2 presents a sample collection rationale and summary of laboratory analyses performed.

During the initial SC, an upwind/downwind air quality-monitoring program was conducted in accordance with the provisions of the Site-specific health and safety plan and the New York State Department of Health's (NYSDOH) Community Air Monitoring Plan (CAMP) requirements (NYSDEC, 2002). The air-monitoring program included the collection of real-time air quality data, time-averaged air quality data, and meteorological data to document potential migration routes of airborne VOCs and particulates. No exceedances of the air monitoring or health and safety action levels were measured at the perimeter of the work zones during the initial SC field program. As such, only work zone air monitoring was conducted during SSC activities, with NYSDEC concurrence. No action levels were exceeded during SSC field activities.

## 2.2 Field Methods

This subsection describes the sampling procedures and field methods used during the SC. All were in accordance with the SC and SSC work plans, except where noted.

### 2.2.1 Utility Mark Out

Prior to commencement of intrusive activities, Utility Survey Corp. of New Windsor, New York conducted an underground utility mark-out of proposed boring locations. Ground penetrating radar (GPR) and magnetic induction surveys were applied to identify subsurface features that might be utilities, former structures or footings.

The former Hortonsphere footings and regulator house were not identified during the GPR or magnetic survey during the SC. This is consistent with the removal of the structures previously described in the Site history section above. Utility Survey Corp. did not generate a report as part of the mark out.

### **2.2.2 Soil Sampling and Monitoring Well Installation**

This subsection describes the methodology used to collect soil samples and install monitoring wells during the SC. Table 2 identifies:

- The surface soil, soil boring, and monitoring well locations.
- The rationale for installing each boring.
- The rationale for submittal of each sample for laboratory analysis and the analyses performed for each sample.

Soils were logged and screened in general accordance with the SC and SSC work plans. Boring logs are presented in Appendix D. Each non-dedicated sampling implement was decontaminated in accordance with decontamination procedures described in the Field Sampling Plan (FSP). Quality Assurance/Quality Control (QA/QC) procedures are detailed within the Quality Assurance Project Plan (QAPP) submitted as part of the SC Work Plan. QA/QC samples included blind duplicate soil samples, matrix spike/matrix spike duplicate (MS/MSD) samples, and equipment rinsate blank samples. Trip blanks accompanied each shipment of samples to the laboratory.

Soil samples were placed in certified pre-cleaned containers and stored in ice-filled coolers. The samples were then transported via laboratory courier or shipped via Federal Express to TestAmerica for chemical analysis.

#### **Surface-Soil Sampling**

Surface-soil samples were collected at nine locations (MS-SS-01 through MS-SS-09 (Figure 2)). The surface-soil samples were collected from the top 0- to 2-inches of mineral soil beneath the vegetative root mat. On November 20, 2007, a Field Change Order (FCO) was agreed upon by the NYSDEC, National Grid and GEI to shift the location of MS-SS-05 closer to the property boundary. The signed FCO is contained in Appendix A.

Soil samples collected from six surface soil sample locations (MS-SS-01 through MS-SS-06) were analyzed for VOCs by United States Environmental Protection Agency (EPA) SW-846 Method 8260; SVOCs by EPA Method 8270C; target analyte list (TAL) metals by EPA Methods 6000/7000 series; sulfide by EPA Method 9034; sulfate by EPA Method 300.0; PCBs EPA Method 8082; pesticides by EPA Method 8081A and for herbicides by EPA Method 8151A as specified in the SCWP.

During the supplemental SC, surface soils were collected to further evaluate of lead and PAHs detected in MS-SS-04 during the initial SC investigation. Three surface soil samples (MS-SS-07 through MS-SS-09) were analyzed for PAHs by EPA Method 8270 and lead by EPA Method 6010.

Table 2 provides a summary of the rationale for surface-soil collection and analysis.

### Soil Borings

Twelve borings (MS-GP-01 through MS-GP-12) were advanced using Geoprobe® direct-push methods as part of SC field investigations (Figure 2). This included one additional soil boring (MS-GP-06/MS-MW-06) that was installed as part of a FCO and was agreed upon by the NYSDEC, National Grid and GEI to install the additional well (Appendix A). A conventional hollow stem auger drill rig was used to collect soil information at two locations (MS-GP-04A and MS-GP-05A) because the required boring depth was beyond the limits of the Geoprobe® drilling rig.

The objective of these borings was to evaluate subsurface conditions and to install monitoring wells to evaluate groundwater conditions within the footprint of the Hortonsphere Site and the property. Soil samples were collected using dedicated, disposable sampling sleeves and a decontaminated stainless steel split spoon sampler. All boring locations were cleared by hand augering to 5 feet.

At each boring location, soils were continuously logged, screened with a photoionization detector (PID), headspace samples were collected, and visual and olfactory observations were noted in accordance with the SC work plan.

At each of the six SC borings locations (MS-GP-01 through MS-GP-06), one soil sample was collected for laboratory analyses from the ground surface to approximately 5 feet below grade. If overlying soils did not contain physical evidence of impacts, the second subsurface soil sample in each boring was collected at the apparent water table or from the interval exhibiting the highest PID reading. At MS-GP-01 and MS-GP-02, the second sample interval was collected above the water table due to limitations of the Geoprobe® drilling rig. MS-GP-06/MS-MW-06 was installed topographically downgradient (adjacent to Community Drive) to evaluate groundwater conditions as documented in the NYSDEC approved-FCO (Appendix A).

Soil samples collected from the six borings were analyzed for VOCs by EPA Method 8260; SVOCs by EPA Method 8270C; TAL metals by EPA Methods 6000/7000 series; sulfide by EPA Method 9034; sulfate by EPA Method 300.0; PCBs by EPA Method 8082; pesticides by EPA Method 8081A and for herbicides by EPA Method 8151A as specified in the SC work plan. Refer to Table 2.



## **Purging**

Low-flow sampling and purging was conducted with a peristaltic pump in monitoring wells MS-MW-03 and MS-MW-06. A bladder pump was used in MS-MW-04A and MS-MW-05, with dedicated tubing. Purging rates varied because of groundwater conditions; however, pumping rates generally ranged between 200 milliliters (mL) and 400 mL per minute. Regardless of the purge rate, draw-down of the static water level was minimized at all times.

Groundwater purged from each well was monitored for field parameters (temperature, pH, conductivity, dissolved oxygen [DO], oxidation/reduction potential [ORP], and turbidity) to ensure that representative formation water was sampled. The approximate flow rates and purge volumes were recorded concurrently with field parameter measurements. A groundwater sample was collected from each monitoring well once parameters stabilized in accordance with the FSP, with the exception of MS-MW-06, where the conductivity and ORP were slightly above the 10% range. However, MS-MW-06 was developed prior to sampling and the remaining parameters (temperature, DO and turbidity) were within range; as a result, the sample is considered a representative groundwater sample. Table 4 presents the field parameter readings and physical observations of purge water prior to sampling.

Sampling purge water was containerized and was transported to the National Grid Hicksville Facility for temporary storage until it was disposed of at an approved facility.

## **Sampling**

After each well was purged, groundwater samples were collected and placed into preserved containers provided by TestAmerica Labs. VOC samples were collected using new, clean, disposable bailers in monitoring wells MS-MW-03 and MS-MW-06. The VOC samples were collected directly from the bladder pumps in MS-MW-04 and MS-MW-05.

Groundwater samples were analyzed for EPA Method 8260; SVOCs by EPA Method 8270C; TAL metals by EPA Methods 6000/7000 series; PCBs by EPA Method 8082; pesticides by EPA Method 8081A and for herbicides by EPA Method 8151A as specified in the SC work plan. Monitoring wells were also sampled for sulfide by EPA Method 9034 and sulfate by EPA Method 300.0.

### **2.2.5 Soil Vapor and Ambient Air Sampling**

Five soil vapor samples were collected in November 2007 (MS-SV-01, MS-SV-02, MS-SV-03, MS-SV-04, and MS-SV-05).

Four additional soil vapor points (MS-SV-06, MS-SV-07S, and MS-SV-08 S/D) were installed in February 2009 as part of the SSC activities. These points were added to evaluate VOC concentrations within the reworked soils/ fill and the native soils beneath the fill. Soil vapor

points with the “D” designation were deep soil vapor points installed within the native soils. A fifth proposed sample (MS-SV-07D) could not be collected because perched groundwater was present within the native soils.

One ambient air sample (MS-OA-01) was also collected during soil vapor sampling in February 2009 to evaluate outdoor ambient air concentrations.

Figure 2 shows the soil vapor sample locations. Table 2 presents the sample rationale for each soil vapor point and the analysis completed for each point.

All soil vapor sample points were installed using either a hand auger or Geoprobe® drill rig. At each location, a six-inch stainless steel soil gas point fitted with Teflon tubing was installed and the annulus was then backfilled with clean sand and sealed with bentonite. All of the soil vapor points extended to a depth of approximately 5 to 5.5 feet bgs with the exception of MS-SV-08D. MS-SV-08D was installed at a depth of 12 feet bgs.

The SC soil vapor samples were collected in individually-certified, one-liter SUMMA® canisters with 10-minute flow controllers at a rate of 0.1 Liter (L)/minute. Supplemental SC samples were collected in an individually certified, 6-liter SUMMA® canister equipped with a flow controller at a rate of less than 0.2 L/ min. To ensure that the sampling point was isolated from the ambient air above ground, GEI utilized helium as a tracer gas as described in the NYSDOH Soil Vapor Intrusion Guidance document. SC soil vapor samples were shipped via Federal Express to Alpha Woods Hole Laboratories for analysis. The SSC soil vapor and ambient air samples were analyzed by TestAmerica Laboratories in Knoxville, Tennessee.

The samples were analyzed for VOCs and naphthalene by the modified EPA Method TO-15 (including naphthalene).

### **2.2.6 Survey**

Each soil boring, monitoring well, and soil vapor point was surveyed by a New York State-licensed land surveyor (NY LS) #050146 at the conclusion of the SC field activities. The survey was conducted to A-2 standards of accuracy, with an approximate horizontal and vertical precision of  $\pm 0.02$  feet. Surveyed well elevations are included in Table 3. Surface soil sample locations were field located relative to surveyed locations.

Point coordinates were referenced to the New York State Plane Coordinate System (Long Island Zone, North American Datum [NAD] 83) as determined by differential Global Positioning System (GPS) observations. Point elevations are expressed as heights above the ellipsoid NAVD 88. This datum is not directly related to sea level; however, the record elevations related to the tidal benchmark at Bridgeport, CT indicate that mean sea level has an NAVD 88 elevation of

-0.22 feet (National Oceanic and Atmospheric Administration [NOAA], 2007), indicating that within the general Site vicinity, the data are essentially synonymous.

## 3. Site Geology and Hydrogeology

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This section documents the Site geology and hydrogeology based on regional information described in Section 1 and site-specific boring and monitoring well data collected during SC activities.

### 3.1 Geology

Surficial geology at the property was determined through visual inspection of soil samples collected during the field investigation. Soil was described according to the Unified Soil Classification System (USCS). Site stratigraphy consisted predominately of sand that was interbedded with layers of silty sand, silt, sandy clay and clay.

Two cross sections (Figures 5 and 6) were developed to illustrate the geology underlying the property. The cross-sections also provide the observed apparent groundwater elevation and summary of selected chemical soil and groundwater testing data. Detailed geologic descriptions are provided in boring logs located in Appendix D. A general description of the stratigraphic units is provided below.

Fill, including brick, coal and glass fragments, was observed in a number of SC and SSC borings located within the parking lot, grassed area, and adjacent to Community Drive. Within the parking lot area, fill was encountered within borings MS-GP-05, MS-GP-07, MS-GP-08, and MS-GP-09 to as deep as 16 feet bgs. Fill was also encountered within borings MS-GP-10 and MS-GP-11 to as deep as 4 feet bgs within the grassed yard area north of the Hortonsphere. Along Community Drive, fill materials were encountered in boring MS-GP-06 to a depth of 1 feet bgs. These areas are identified on Figure 11 and are not associated with the former Hortonsphere footprint. They do not appear to be related to the former gas storage and distribution operations.

Sand encountered was predominantly widely graded fine-to-coarse sand, tan, orange-tan, grayish tan, gray, brown and reddish brown, containing less than 20% fine-to-coarse gravel and 5 to 10% fines. These deposits are consistent with deposits mapped in the region, as described in subsection 1.3.1. Layers of silty sand, silt, clayey sand and clay were observed at MS-GP-04/04A, MS-GP-05/05A, MS-GP-06, MS-GP-07, and MS-GP-08, MS-GP-10, MS-GP-11, and MS-GP-12.

### 3.2 Site Hydrogeology

Perched groundwater was observed above the silty sand layers in MS-GP-07, MS-GP-04 and MS-GP-11 after heavy rains. The perched groundwater is apparently a function of the dense, lower permeability sandy-silt layers that are present above the groundwater table at the property.

Twenty-eight (28) analytical samples were collected from subsurface soils. VOCs (including BTEX), metals, pesticides, herbicides, and PCBs in all samples were either not detected or were detected below the Residential SCOs.

A few PAH compounds were detected above the Residential SCOs in only five samples (MS-GP-04, MS-GP-05, MS-GP-08, MS-GP-10, and MS-GP-12). All five samples were collected in the 0.0 to 5.0 foot interval where fill was present (Appendix D). The individual concentrations of PAHs (including benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, chrysene, dibenz(a,h) anthracene and indeno[1,2,3-cd] pyrene) were less than 1.9 ppm. These concentrations slightly exceed the SCOs that are established at or below 1 ppm for the individual PAH compounds (Table 6).

Subsurface samples collected at the Hortonsphere footprint (MS-GP-01 and MS-GP-02) did not contain detectable PAHs.

Sulfate was detected in 12 subsurface soil sample locations at the property ranging from 3.6 ppm at MS-GP-03 (0-5 feet bgs) to 23.9 ppm at MS-GP-04 (0 to 5 feet bgs). There are no SCOs established for sulfate.

### 4.3 Stormwater Sediment

Four sediment samples (MS-SED-01 through MS-SED-04) were collected from areas of accumulated sediment in the stormwater channel that traverses the property. The channel was generated by stormwater run-off that discharges from upgradient locations onto the property. The conditions of the channel were observed during a site meeting between National Grid, NYSDEC, and GEI on October 30, 2008.

A summary of the detected concentrations is provided on Table 7. The locations are shown on Figure 12.

None of the sediment samples contained concentrations of VOCs, metals, PCBs, pesticides, or herbicides in excess of the Residential SCOs.

Only two PAH compounds were detected at concentrations slightly higher than Residential SCOs in MS-SED-01 and MS-SED-03. MS-SED-01 was collected upgradient of the Hortonsphere and contained one PAH (dibenz[a,h]anthracene) that exceeded the Residential SCO. MS-SED-03 sediment had accumulated behind woody debris in the former Hortonsphere footprint. It contained two PAHs (dibenz[a,h]anthracene and indeno[1,2,3-cd]pyrene) that exceeded the Residential SCOs. MS-SED-04, the downgradient sediment sampling point, did not contain any exceedance of Residential SCOs.

Given that one PAH was present upgradient of the former Hortonsphere, but no PAHs were present downgradient of the former Hortonsphere, it is likely the PAHs were carried onto the Site by stormwater and deposited within the Hortonsphere footprint.

#### 4.4 Groundwater

No evidence of impacts (sheens or odors) was observed during the collection of the groundwater samples from each of the monitoring wells and temporary groundwater sampling points. The compounds detected in groundwater are summarized in Table 8. A summary of analytical results from the sampling event is presented on Figure 13.

VOC, SVOC, and PCB compounds were not detected in groundwater at concentrations above the NYS SCGs.

Concentrations of arsenic, chromium, copper, and lead exceeded the NYS SCGs in samples MS-GW-01 and MS-GW-02 (Figure 13). These were grab samples collected with the Geoprobe® temporary groundwater screen.

It is unlikely that these metals concentrations are attributable to former Hortonsphere operations because the depth to groundwater is more than 45 feet at these locations. In addition, a review of data from other former Hortonsphere sites on Long Island demonstrates that arsenic, chromium, and copper are not Hortonsphere-related metals. Lead is potentially related, but it was not otherwise detected above Residential SCOs at this site. The most likely explanation for the presence of metals in these two samples is entrained sediments due to sample collection through the temporary Geoprobe® sampling point (these metals are absent above the SCGs in the four groundwater samples collected from permanent wells that had been developed and sampled via standard low flow methods).

Iron, manganese and sodium concentrations exceeded their respective NYS SCGs in monitoring wells upgradient and downgradient of the Hortonsphere. These are common and likely represent groundwater conditions within the Upper Glacial Aquifer.

Sulfate was detected in all of the groundwater samples below the NYS SCGs. Sulfide was not detected in groundwater samples except for MS-GW-01, where it was detected at a concentration of 600 micrograms/liter (ug/L); however, this concentration is most likely attributable to sediments entrained in the sample.

Groundwater at the Site has the potential to flow in several directions, as described in subsection 3.2. However, groundwater impacts are generally low, non-existent, or due to sampling techniques. As such, off-site migration of dissolved phase constituents is not regarded as a concern.

## 4.5 Soil Vapor

Ten soil vapor samples were collected from the soil vapor sampling points. Nine of these points were installed in shallow soil (within reworked soils and areas with fill) to approximately 5 feet bgs. MS-SV-08D was installed to approximately 12 feet bgs, in native soil. One ambient air sample (MS-OA-01) was collected for analysis to evaluate ambient air concentrations.

MS-SV-01 and MS-SV-02 were collected in the footprint of the former Hortonsphere. BTEX was present at low concentrations; naphthalene was not detected in these samples. BTEX and naphthalene are commonly found in association with gas-making/storage operations. Chlorinated compounds, such as 1,3- and 1,4-dichlorobenzene and tetrachloroethene were encountered within soil vapor; however, these compounds are not associated with gas making and storage operations.

Off-site, MS-SV-03, MS-SV-06, and MS-SV-07S were located within the parking lot at the property while MS-SV-04, MS-SV-08S/D were located in the grassed yard adjacent to High Street. Shallow soil vapor samples were collected in areas that contained reworked soils and fill material with the exception of one deep soil vapor sample (MS-SV-08D) which was installed below the fill materials within native soils. Concentrations of VOCs, such as chlorinated compounds, decanes, and nonanes, are consistent with compounds that are found in petroleum and solvents – products that are frequently found in vehicle parking areas. The results of samples MS-SV-08S and MS-SV-08D demonstrate that concentrations of VOCs are greater in shallow impacts than deeper in native material. As such, the shallow impacts have not resulted from any site activities prior to filling and reworking of soils.

Chlorinated compounds are not associated with former gas storage and distribution operations. VOCs (including chlorinated compounds) and naphthalene were not present in surface soil, subsurface soil, sediment, or groundwater (except a minor detection of toluene alone in MS-GW-01) near the Hortonsphere footprint, so the Hortonsphere is not an apparent source for soil vapor impacts at the Site.

## 4.6 Non-Aqueous Phase Liquids (NAPL)

NAPL was not observed during SC activities.

## **5. Qualitative Human Health Exposure Assessment**

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This section evaluates the qualitative potential for exposure posed to human receptors by COPCs detected in surface soil, subsurface soil, stormwater sediment, and groundwater, at the Site at concentrations in excess of the Residential SCOs and NYS SCGs. Tables 5 through 8 provide a summary of the detected concentrations and highlights compounds that exceed criteria values in surface soils, subsurface soils, stormwater sediment, and groundwater. Concentrations of VOCs in soil vapor presented on Table 9 were also evaluated for potential exposure pathways to human receptors.

### **5.1 Exposure Pathways**

An exposure pathway describes the means by which a potential receptor may be exposed to contaminants originating from a site. Assessment of potential exposure pathways includes the following five elements (NYSDEC, 2002):

- (1) A contaminant source.
- (2) Contaminant release and transport mechanisms.
- (3) A point of exposure.
- (4) A route of exposure.
- (5) A receptor population.

The NYSDEC and NYSDOH consider an exposure pathway complete when all five elements of an exposure pathway are documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future (NYSDEC, 2002).

#### **5.1.1 Surface Soil**

A potentially complete exposure pathway to certain PAH compounds in surface soils exists for the commercial worker, utility worker, adult and child visitors, and trespassers if surface soils are disturbed in the vicinity of MS-SS-04, MS-SS-08, and MS-SS-09 beneath the grassed yard. The potential routes of exposure are ingestion, dermal contact, and inhalation of soil particulates.

Lead was also present in one sample (MS-SS-04) at 433 ppm. This is slightly above the Residential SCO (400 ppm) and eastern U.S. background concentrations (Schacklette and Boerngen, 1984). Surface soil sample MS-SS-03 contained chromium at a concentration of 27.1 mg/kg, which is slightly higher than the Residential SCO of 22 mg/kg. However, this concentration is well below the maximum eastern U.S background concentration of 1000 ppm (Table 12).



A potentially complete pathway for trespassers, visitors, and commercial/utility worker is contingent upon removal of the grass at the affected locations. As such, the potential for actual exposure is minimal. Currently, there is a limited potential for receptors to encounter these compounds because of infrequent access and no trespassing signs that restrict access to the property.

### **5.1.2 Subsurface Soil**

PAHs at concentrations above Residential SCOs were detected in the upper five feet of subsurface soil at borings MS-GP-04, MP-GP-10, and MP-GP-12 near High Street and at MS-GP-05 and MS-GP-08 beneath the parking lot area. PAHs were not present above the Residential SCOs within native soils. As such, a potentially complete exposure pathway to PAHs exists for trespassers, adult and child visitors, and construction and utility workers only if the shallow soils are disturbed. The potential routes of exposure are ingestion, dermal contact, and inhalation of soil particulates for these receptors. These sample locations are within areas of fill material and are not representative of the Hortonsphere operations.

### **5.1.3 Stormwater Sediment**

Isolated concentrations of PAHs above the Residential SCOs were present in stormwater sediments (MS-SED-01 and MS-SED-03). A potentially complete exposure pathway to PAHs exists for trespassers, adult and child visitors, and construction/utility workers. The potential routes of exposure are ingestion, dermal contact, and inhalation of soil particulates if the sediments are disturbed. There is a limited potential for receptors to encounter these compounds because the property is undeveloped, infrequently accessed, and is posted with no trespassing signs.

### **5.1.4 Groundwater**

A potentially complete current and future exposure pathway exists for metals in groundwater for utility and construction workers involved in deep excavations (~14 feet bgs) in the adjacent to Community Drive (Table 8). There are no complete direct exposure pathways to groundwater on the remainder of the Site because groundwater is encountered below 15 feet bgs and as deep as 65 feet bgs at the western property boundary, which is below the depths of typical excavations.

No potable wells are known to be present within a half-mile downgradient of the Site. The Lakeville-Manhasset Water Company provides water to the area surrounding the Site. EDR identified six public supply wells within 1-mile of the Site; however, these supply wells are screened within the deeper Magothy and/or Lloyd Aquifers - not the shallower Upper Glacial Aquifer. Direct ingestion of groundwater at the Site is not considered a potential exposure pathway and groundwater is not likely to be used as a source of drinking water in the foreseeable future.

### **5.1.5 Soil Vapor**

VOCs were detected in all soil vapor samples collected at the site. Construction and utility workers, adult and child visitors, and trespassers could be exposed to the VOCs within soil vapor if they were to disturb the soils. Therefore, potentially complete exposure pathways via inhalation are possible. However, exposure to soil vapor via vapor intrusion cannot occur because there are no Site structures where VOCs could accumulate. Currently, there is a limited potential for receptors to encounter these compounds because the property is undeveloped, is infrequently accessed, and is posted with no trespassing signs.

## **5.2 QHHEA Conclusions**

The QHHEA indicates that there are potentially complete exposure pathways to chemical constituents above the screening criteria for surface soils, subsurface soils, and groundwater. A potentially complete exposure pathway also exists to VOC concentrations in soil vapor. Based upon the current property use, there is a limited potential for receptors to encounter these compounds because the Site is infrequently accessed and posted with no trespassing signs that restrict access.

## 6. Fish and Wildlife Resources Impact Analysis

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The NYSDEC's FWRIA guidance provides a decision key outlining the actual or potential risks for wildlife in the vicinity of a potential hazardous waste site, which might require performance of a FWRIA. According to this key, a FWRIA is not required for the Manhasset Former Hortonsphere Site (Table 13). The remaining portion of this section provides the supporting information for this conclusion.

An EDR Radius Map report provided to GEI indicates there were no reported spills occurring on the Manhasset Former Hortonsphere Site (NYSDEC, 2007), and environmental testing performed as part of the SC identified that there are no elevated concentrations of contaminants of ecological concern present in groundwater, surface soil, or sub-surface soil related to the activities of the Former Hortonsphere. The lack of Hortonsphere-related contamination at the Site, other than localized lead and PAHs detections in surface soil most likely resulting from fill material, indicate that adjacent water bodies, ecological communities, and species of concern are not being impacted by the former processes that occurred at the Site.

The Site is currently a vacant wooded lot in a residential area and is zoned for residential use. The Site is composed of a successional maritime forest cover-type, which is highly disturbed (Edinger et al. 2002). This is consistent with the post Hortonsphere clearing of the site vegetation presented above in the site history summary in subsection 1.2.3. The residential community of Manhasset surrounds the Site directly adjacent to the north, east, and south. Community Drive, a busy roadway, borders the western edge of the Site. Manhasset is a community with a high density of residential and commercial structures nearby including landscaped yards and paved roads.

Correspondence from the New York Natural Heritage Program in conjunction with the New York State Department of Environmental Conservation indicates that there are no endangered species, habitats, or communities of concern at the Manhasset Hortonsphere Site. Only one endangered vascular plant and one habitat/community of concern are reported in the vicinity of the Site. They are described below:

- Pale duckweed (*Lemna valdiviana*) was reported within 2 miles of the Site, located in a kettlehole pond on the seventh tee of the Deepdale Golf Club. This species requires quiet bodies of surface water with little disturbance (lack of currents, etc.) and have highly specific mineral requirements. Habitat required for this species is not present on the Site, and the identified location is beyond commercial/residential urbanized area and the roadway adjacent to the Site.

- One significant community, an oak-tulip tree forest, occurs within the 2-mile radius of the Site; however, this ecological community is located upgradient of the Site beyond the commercial/residential urbanized area and adjacent roadway.

According to the National Wetlands Inventory database (United States Fish & Wildlife Service, 1994), there are palustrine forested wetlands as well as Whitney Lake, a fresh surface water body, within 2 miles primarily to the northeast of the Site. These waters are classified as "C" under 6NYCRR. Freshwater features classified as "C" are suitable for fish propagation and survival. The water quality is suitable for primary and secondary contact recreation, although other factors may limit the use for these purposes. Whitney Lake is surrounded by residential structures, along with Community Drive to the west. The roadway is also present between the Site and the wetlands. Therefore, there is no direct surface runoff migration pathway for contaminants to move from the Site to the wetlands or lake.

A field reconnaissance survey conducted in October of 2007 revealed no apparent stress on the ecology of the Site, and did not identify the presence of species of concern listed above. The species that were identified within the 2-mile radius of the Site during the field reconnaissance included:

#### Plant Species:

- pitch pine (*Pinus rigida*)
- sassafras (*Sassafras albidum*)
- red maple (*Acer rubrum*)
- black oak (*Quercus velutina*)
- white oak (*Quercus alba*)
- American beech (*Fagus gradifolia*)
- American elm (*Ulmus Americana*)
- poison ivy (*Toxicodendron radicans*)
- wild grape (*Vitis spp.*)
- silver maple (*Acer saccharinum*)
- oriental bittersweet (*Celastrus orbiculatus*)
- clipped lawn grasses

#### Avian Species

- blue jay (*Cyanocitta cristata*)
- house sparrow (*Passer domesticus*)
- song sparrow (*Melospiza melodia*)
- pigeon (*Columba fasciata*)
- European starling (*Sturnus vulgaris*)

**Mammalian Species**

- **Raccoon (*Procyon lotor*) [tracks observed]**
- **Gray squirrel (*Sciurus carolinensis*)**

## 7. Conclusions

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The Site Characterization at the Manhasset Hortonsphere site was undertaken per the terms of the NYSDEC and National Grid executed AOC (Index #A1-0595-08-07) to evaluate soils, soil vapor and groundwater to determine if former Hortonsphere operations may have impacted the environment. The Manhasset Hortonsphere and regulator house were constructed in 1929. In 1960 the Hortonsphere and regulator house were removed and the gas piping was abandoned in-place. No other records regarding its operation were encountered.

In 1961, LILCO sold the property to the Mount Olive Baptist Church after which LILCO did not have control over the property. Sometime between 1966 and 1976, the Hortonsphere property was cleared of vegetation, soils were reworked, and some filling occurred. The Site has since reverted to forestland.

No physical evidence of staining, sheen or odors were observed in soils and groundwater during the SC investigations. Analytical data for these media were evaluated with respect to Residential SCOs because the property is zoned for residential use. A summary of the SC analytical findings is presented below.

### Surface Soils

Individual PAH compounds were slightly above the Residential SCOs at sample locations MS-SS-04, MS-SS-08, and MS-SS-09. All three of these samples were located north of the former Hortonsphere footprint within the grassed yard area adjacent to High Street. Surface soil sample MS-SS-03 contained chromium at a concentration of 27.1 mg/kg, which is slightly higher than the Residential SCO of 22 mg/kg, but well below the maximum eastern U.S background concentration of 1000 ppm. MS-SS-04 also contained a concentration of lead slightly above the Residential SCO.

Based on aerial photographs from 1966 and 1976 (Figures 3 and 4), most surface soil at the property was reworked and augmented with fill after LILCO sold the property. The presence of lead and PAHs is attributed to these reworked soils (potential fill material) or dry deposition of lead from vehicle exhaust on High Street. While potential exposure pathways are complete, the actual risk is regarded as minimal because Site access is limited by no trespassing signs.

## **Subsurface Soils**

BTEX compounds were not detected above Residential SCOs in any of the subsurface soils collected. PAHs and PCBs were not detected in the area of the former Hortonsphere or regulator house.

Off site, in the grassed yard area near High Street, concentrations of individual PAHs were slightly above the Residential SCOs; however, reworked soils (fill material) were found in this location outside the footprint of the former Hortonsphere Site at soil borings. A second off-site location within the parking lot area contained individual PAHs that were slightly above the Residential SCOs. This sample was collected in fill material used in the development of the parking lot and is located outside the former Hortonsphere footprint. PAHs were not detected above the Residential SCOs within native materials indicating that the PAHs are isolated to the reworked soils/ fill materials.

A limited exposure pathway exists for adult and child visitors and trespassers, because deliberate digging is required for contact or inhalation/ingestion. For construction and utility workers the potential is limited because the few PAHs and lead were found only in the reworked soils.

## **Stormwater Sediments**

The stormwater channel appears to be formed from surface run-off that enters the property from off-site, to the west, then flows east and north through the footprint of the former Hortonsphere. None of the sediment samples exceeded Residential SCOs for VOCs, metals, PCBs, pesticides, herbicides, sulfate or sulfide.

The stormwater sediments upgradient of and within the footprint of the former Hortonsphere Site did contain PAH concentrations just above the Residential SCOs. As such, there are potentially complete pathways for workers, adult and child visitors, and trespassers.

The sediments were likely transported from upgradient off-site locations and deposited within the footprint of the Hortonsphere. This likelihood is supported by reduced or absent PAH concentrations in surface or subsurface soils collected within the footprint of the Hortonsphere.

A limited exposure pathway exists for receptors to come into contact with these compounds. Qualitative risk is minimal because the area is isolated and the site is posted with no trespassing signs.

## **Groundwater**

VOCs, PAHs, and PCBs were not detected in groundwater at the Site or above the NYS SCGs.

Metals including lead were detected above the NYS SCGs. However, the elevated metal concentrations in groundwater are naturally occurring and may be associated with suspended sediments in the groundwater samples collected with the Geoprobe<sup>®</sup> groundwater sampler. The metals concentrations are not indicative of dissolved groundwater conditions. A limited exposure pathway exists for construction and utility workers in excavations ~14 feet deep adjacent to Community Drive. The area surrounding the Site is serviced by the Manhasset-Lakeville Water District, so consumption of the groundwater is not likely. Contact with the water is also unlikely since the depth to water ranges from approximately 14 feet bgs at Community Drive to over 65 feet at the western property boundary at the end of High Street.

Groundwater at the Site has the potential to flow in different directions. However, since dissolved phase impacts are low or not detectable and off-site migration is not regarded as a concern.

## **Soil Vapor and Ambient Air**

There is no apparent on-site source of VOCs at the Site. The highest concentrations of VOCs in soil vapor were detected on the property outside the footprint of the former Hortonsphere in areas of reworked soils (potential fill material). Because there are no buildings on the property, soil vapor intrusion cannot occur under current site conditions. Construction, utility, and other workers may be exposed to low levels of VOCs in soil vapor if they were to disturb the soils. However, the low concentrations present a minimal risk.

## **Fish and Wildlife Resource Impact Analysis Findings**

A Fish and Wildlife Resource Impact Analysis decision key was completed as part of this SC. According to this key (Table 13), a FWRIA was not required. The ecological resources in the vicinity of the Site are not being affected by the low-level chemical constituents detected at the Site.

## **Final Summary**

Based on the findings presented in this report, no release of contaminants resulting from the operation of the Hortonsphere has occurred, and there is no evidence that former gas storage operations have affected the Site. On-site reworked soils (containing historic fill material) have minor impacts, but these are commonly encountered in fill and do not pose significant risk. Considering the current and anticipated future use of the Site (residential zoning), no further action is warranted.



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## Tables

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**Table 1**  
**Climatological Norms and Means - LaGuardia Airport**  
**Manhasset Former Hortonsphere Site**  
**Manhasset, New York**

Month:	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
<b>Climatic Averages for New York LaGuardia Airport from 1971 to 2000</b>													
Precipitation (inches)	3.56	2.75	3.93	3.68	4.16	3.57	4.41	4.09	3.77	3.26	3.67	3.51	44.36
Average Maximum Temperature (°F)	38.6	41.2	49.6	60	70.6	79.3	84.7	83.1	75.6	64.5	53.6	43.7	62.1
Average Minimum Temperature (°F)	26.5	28.3	35.1	44.4	54.3	63.7	69.5	68.7	61.6	50.9	41.6	32	48.1
<b>Climatic Averages for LaGuardia Airport, New York 2007</b>													
Precipitation (inches)	---	---	---	---	---	---	---	---	---	---	2.78	4.43	---
Average Temperature (°F)	---	---	---	---	---	---	---	---	---	---	47	39	---
Average Maximum Temperature (°F)	---	---	---	---	---	---	---	---	---	---	53	43	---
Average Minimum Temperature (°F)	---	---	---	---	---	---	---	---	---	---	41	34	---
Average Wind Speed (mph)	---	---	---	---	---	---	---	---	---	---	11	12	---
<b>Climatic Averages for LaGuardia Airport, New York 2009</b>													
Precipitation (inches)	---	0.66	---	---	---	---	---	---	---	---	---	---	---
Average Temperature (°F)	---	37	---	---	---	---	---	---	---	---	---	---	---
Average Maximum Temperature (°F)	---	45	---	---	---	---	---	---	---	---	---	---	---
Average Minimum Temperature (°F)	---	29	---	---	---	---	---	---	---	---	---	---	---
Average Wind Speed (mph)	---	13	---	---	---	---	---	---	---	---	---	---	---

**Notes:**

All data was collected from the U.S. Weather Service weather station located in New York in Queens County, New York. The New York LaGuardia Airport weather station is at an elevation of 11 feet and was established as a weather station on 01 Aug 1935.

Climatic Averages for New York LaGuardia Airport from 1971 to 2000 were obtained from Online Highways, <http://www.ohwy.com/ny/w/wx305811.htm>, retrieved June 11, 2003.

2007 Monthly average temperature (degrees Fahrenheit) and precipitation data (inches) were obtained from Weather Underground, <http://www.wunderground.com>, accessed November 17, 2009.

**Table 2  
Sample Rationale  
Manhasset Former Hortonsphere Site  
Manhasset, New York**

Sample I.D.	Sample Location	Laboratory Sample Description (Sample Depth Feet)	Sample Rationale	Number of Samples				VOCs (EPA 8260B)	SVOCs (EPA 8270C)	TAL Metals (6000/7000)	Herbicides (EPA 8151A)	PCBs (EPA 8062)/ Pesticides (EPA 8061A)	Sulfide (EPA 9034/ 376-1)	Sulfate (EPA 300)	VOCs (Expanded) (Modified TO-15)	
				Soil	Soil Vapor	Sediment	Groundwater									
<b>Subsurface Soil Borings, Groundwater Monitoring Points, Monitoring Wells</b>																
MS-GP-01/ MS-GW-01	Central portion of the property (former location of the Hortonsphere)	MS-GP-01 (0-4')	Evaluate soil conditions in the top four feet of soils in the area of the former Hortonsphere.	X				X	X	X	X	X	X			
		MS-GP-01 (44-45')	Evaluate soil conditions at the completion of the soil boring in the area of the former Hortonsphere.	X				X	X	X	X	X	X	X		
		MS-GW-01	Groundwater grab sample to evaluate groundwater conditions in the area of the former Hortonsphere.				X	X	X	X	X	X	X	X		
MS-GP-02/ MS-GW-02	Central portion of the property (former location of Hortonsphere Regulator Building)	MS-GP-02 (0-5')	Evaluate soil conditions in the top five feet of soils in the area of the former Hortonsphere and regulator/pump house.	X				X	X	X	X	X	X			
		MS-GP-02 (38-40')	Evaluate soil conditions at the completion of the soil boring in the area of the former Hortonsphere and regulator/pump house.	X				X	X	X	X	X	X	X		
		MS-GW-02	Groundwater grab sample to evaluate groundwater conditions in the area of the former Hortonsphere and regulator/pump house.				X	X	X	X	X	X	X	X		
MS-GP-03/ MS-MW-03	Eastern property boundary adjacent to Community Drive (topographically downgradient of former location of Hortonsphere)	MS-GP-03 (0-5')	Evaluate soil conditions within the top five feet of subsurface soils topographically downgradient of the former Hortonsphere.	X				X	X	X	X	X	X			
		MS-GP-03 (15-17')	Evaluate soil conditions at the watertable topographically downgradient of the former Hortonsphere.	X				X	X	X	X	X	X	X		
		MS-MW-03	Evaluate groundwater conditions downgradient of the former Hortonsphere.				X	X	X	X	X	X	X	X		
MS-GP-04/ MS-MW-04	Grassed area adjacent to former Hortonsphere property (Lot 17)	MS-GP-04 (0-5')	Evaluate soil conditions in the top five feet of reworked subsurface soils adjacent to the residence and apartment buildings.	X				X	X	X	X	X	X			
		MS-GP-04 (25-27')	Evaluate soil conditions at the apparent perched watertable adjacent to the residence and nearby apartment buildings.	X				X	X	X	X	X	X	X		
		MS-GP-04A (43-45')	Evaluate soil conditions at the apparent water table adjacent to the residence and nearby apartment buildings.	X									X			
		MS-GP-04A (45-47')	Evaluate soil conditions within the apparent water table adjacent to the residence and nearby apartment buildings.	X				X	X	X	X	X		X		
		MS-MW-04	Evaluate groundwater conditions cross-gradient from Hortonsphere and adjacent to the residence and nearby apartment buildings.				X	X	X	X	X	X	X	X		

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Sample I.D.	Sample Location	Laboratory Sample Description (Sample Depth Feet)	Sample Rationale	Number of Samples				VOCs (EPA 8260B)	SVOCs (EPA 8270C)	TAL Metals (6000/7000)	Herbicides (EPA 8151A)	PCBs (EPA 8082/ Pesticides (EPA 8081A)	Sulfide (EPA 9034/ 376-1)	Sulfate (EPA 300)	VOCs (Expanded) (Modified TO-15)
				Soil	Soil Vapor	Sediment	Groundwater								
MS-GP-05/ MS-MW-05	Western property boundary in the parking lot for the Mount Olive Baptist Church	MS-GP-05 (0-5')	Evaluate soil conditions within fill encountered in the parking lot for the Mount Olive Baptist Church.	X				X	X	X	X	X	X		
		MS-GP-05A (71-73')	Evaluate soil conditions at the apparent watertable upgradient of the former Hortonsphere operation.	X				X	X	X	X	X	X	X	
		MS-MW-05	Evaluate groundwater conditions upgradient of the former Hortonsphere operation.				X	X	X	X	X	X	X	X	
MS-GP-06/ MS-MW-06	Southeastern property line adjacent to Community Drive	MS-GP-06 (1-3')	Evaluate shallow subsurface soil conditions topographically downgradient of the former Hortonsphere operation	X				X	X	X	X	X	X		
		MS-GP-06 (12-13')	Evaluate soil conditions at the apparent water table topographically downgradient of the former Hortonsphere.	X				X	X	X	X	X	X	X	
		MS-MW-06	Evaluate groundwater conditions topographically downgradient of the former Hortonsphere.				X	X	X	X	X	X	X	X	
MS-GP-07	Western area of property within the parking lot for the Mount Olive Baptist Church.	MS-GP-07 (1-2')	Evaluate fill/ reworked soil.	X				X	X	X					
		MS-GP-07 (19-20')	Confirm native material below Evaluate fill/ reworked soil.	X				X	X	X					
MS-GP-08	Western area of property within the parking lot for the Mount Olive Baptist Church.	MS-GP-08 (1-4')	Evaluate fill/ reworked soil.	X				X	X	X					
		MS-GP-08 (19-20')	Confirm native material below Evaluate fill/ reworked soil.	X				X	X	X					
MS-GP-09	Western area of property within the parking lot for the Mount Olive Baptist Church.	MS-GP-09 (1-5')	Evaluate fill/ reworked soil.	X				X	X	X					
		MS-GP-09 (15-17')	Confirm native material below Evaluate fill/ reworked soil.	X				X	X	X					
MS-GP-10	Grassed area to north of the former Hortonsphere property (Lot 17).	MS-GP-10 (1-2')	Evaluate fill/ reworked soil.	X				X	X	X					
		MS-GP-10 (5.5-6.5')	Confirm native material below Evaluate fill/ reworked soil.	X				X	X	X					
MS-GP-11	Grassed area to north of the former Hortonsphere property (Lot 17).	MS-GP-11 (1-4')	Evaluate fill/ reworked soil.	X				X	X	X					
		MS-GP-11 (9-10')	Confirm native material below Evaluate fill/ reworked soil.	X				X	X	X					
MS-GP-12	Grassed area to north of the former Hortonsphere property (Lot 17).	MS-GP-12 (1-2')	Evaluate fill/ reworked soil.	X				X	X	X					
		MS-GP-12 (7-8')	Confirm native material below Evaluate fill/ reworked soil.	X				X	X	X					

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Sample Rationale  
Manhasset Former Hortonsphere Site  
Manhasset, New York**

Sample I.D.	Sample Location	Laboratory Sample Description (Sample Depth Feet)	Sample Rationale	Number of Samples				VOCs (EPA 8260B)	SVOCs (EPA 8270C)	TAL Metals (6000/7000)	Herbicides (EPA 8151A)	PCBs (EPA 8082/ Pesticides (EPA 8081A)	Sulfide (EPA 9034/376-1)	Sulfate (EPA 300)	VOCs (Expanded) (Modified TO-15)
				Soil	Soil Vapor	Sediment	Groundwater								
<b>Surface Soil Sample Locations</b>															
MS-SS-01	Located within a wooded area at the central portion of the property adjacent to the former Hortonsphere	MS-SS-01 (0-2")	Soil sample to evaluate surface soil conditions adjacent to the former Hortonsphere.	X				X	X	X	X	X	X	X	
MS-SS-02	Located within a wooded area at the central portion of the property at the location of the former Hortonsphere	MS-SS-02 (0-2")	Soil sample to evaluate surface soil conditions in the footprint of the former Hortonsphere.	X				X	X	X	X	X	X	X	
MS-SS-03	Located within a wooded area at the location of the former Hortonsphere out building	MS-SS-03 (0-2")	Soil sample to evaluate surface soil conditions at the location of the former Hortonsphere regulator/pump house building.	X				X	X	X	X	X	X	X	
MS-SS-04	Northern property boundary adjacent to High Street	MS-SS-04 (0-2")	Surface soil sample to evaluate surface soil conditions in a grassed area (within fill area).	X				X	X	X	X	X	X	X	
MS-SS-05	Western property boundary adjacent to the neighboring day-care/ community center playground	MS-SS-05 (0-2")	Surface soil sample to evaluate surface soil conditions adjacent to the neighboring playground for the day care/ community center.	X				X	X	X	X	X	X	X	
MS-SS-06	Located within a grassed area at the location of the former Hortonsphere out building	MS-SS-06 (0-2")	Soil sample to evaluate surface soil conditions near the location of the former Hortonsphere regulator/pump house building.	X				X	X	X	X	X	X	X	
MS-SS-07	Located to the southwest of MS-SS-04 in Lot 17.	MS-SS-07 (0-2")	Evaluate concentrations of lead and polycyclic aromatic hydrocarbons (PAHs) in surface soils near MS-SS-04.	X					X (PAH Only)	X (Lead Only)					
MS-SS-08	Located to the east of MS-SS-04 in Lot 17.	MS-SS-08 (0-2")	Evaluate concentrations of lead and PAHs in surface soils near MS-SS-04.	X					X (PAH Only)	X (Lead Only)					
MS-SS-09	Located to the northeast of MS-SS-04 in Lot 17.	MS-SS-09 (0-2")	Evaluate concentrations of lead and PAHs in surface soils near MS-SS-04.	X					X (PAH Only)	X (Lead Only)					
<b>Storm water Sediment Samples</b>															
MS-SED-01	Located where the storm water channel discharges onto the property.	MS-SED-01	Sediment sample to evaluate upgradient sediment quality.				X	X	X	X	X	X	X	X	
MS-SED-02	Located up gradient of the former Hortonsphere site.	MS-SED-02	Sediment sample to evaluate sediment quality upgradient of the Hortonsphere.				X	X	X	X	X	X	X	X	
MS-SED-03	Located within the footprint of the former Hortonsphere	MS-SED-03	Sediment sample to evaluate sediment within Hortonsphere footprint.				X	X	X	X	X	X	X	X	
MS-SED-04	Located downgradient of the former Hortonsphere.	MS-SED-04	Sediment sample to evaluate sediment in storm water channel downgradient of the Hortonsphere.				X	X	X	X	X	X	X	X	



**Table 2  
Sample Rationale  
Manhasset Former Hortonsphere Site  
Manhasset, New York**

Sample I.D.	Sample Location	Laboratory Sample Description (Sample Depth Feet)	Sample Rationale	Number of Samples				VOCs (EPA 8260B)	SVOCs (EPA 8270C)	TAL Metals (6000/7000)	Herbicides (EPA 8151A)	PCBs (EPA 8082)/ Pesticides (EPA 8081A)	Sulfide (EPA 9034/ 376.1)	Sulfate (EPA 300)	VOCs (Expanded) (Modified TO-15)
				Soil	Soil Vapor	Sediment	Groundwater								
<b>Soil Vapor and Ambient Air Sample Locations</b>															
MS-SV-01	Central portion of the property	MS-SV-01	Soil vapor sample to screen the soil conditions at the location of the former Hortonsphere		X										X
MS-SV-02	Central portion of the property	MS-SV-02	Soil vapor sample to screen the soil conditions at the location of the former Hortonsphere regulator/pump house		X										X
MS-SV-03	Western boundary of the site	MS-SV-03	Soil vapor sample to screen the soil conditions adjacent to the abutting day-care/ community center.		X										X
MS-SV-04	Northern boundary of the property	MS-SV-04	Soil vapor sample to screen the soil conditions adjacent to the residence and nearby apartment building.		X										X
MS-SV-05	Southern boundary of the property	MS-SV-05	Soil vapor sample to screen the soil conditions adjacent to the nearby apartment buildings.		X										X
MS-SV-06	Located in parking lot along western property boundary.	MS-SV-06	Assess shallow soil vapor quality in parking lot along western property extent in the parking lot.		X										X
MS-SV-07	Located in parking lot along western property boundary.	MS-SV-07S	Assess shallow soil vapor quality in parking lot.		X										X
MS-SV-08	Located in the grassed area in between the residence and MS-SV-04.	MS-SV-08S	Assess shallow soil vapor quality in grassed area along high street.		X										X
		MS-SV-08D	Assess soil vapor in deeper vadose zone below reworked soils and fill materials.		X										
MS-OA-1	Positioned on-site at breathing height.	MS-OA-1	Assess ambient air quality during soil vapor collection.		X										X

Notes:  
 Chemical analysis test methods specified are from U.S. EPA SW-846 test methods  
 EPA TO-15 analysis included VOCs and naphthalene  
 EPA - Environmental Protection Agency  
 VOC - volatile organic compounds  
 SVOC - semi volatile organic compounds  
 TAL - target analyte list  
 PCBs - polychlorinated biphenyls

Prepared by: LW

**Table 3  
Monitoring Well Construction Data  
Manhasset Former Hortonsphere Site  
Manhasset, New York**

Well ID	Lithology of Screened Interval	Depth to bottom (BGS)	Screened Interval (feet below ground surface)		Top of Screen Elevation (Feet above NAVD)	Bottom of Screen Elevation (Feet above NAVD)	Top of Casing Elevation (Feet above NAVD)	Ground Surface Elevation (Feet Above NAVD)	Elevation at Center of Well Screen (Feet above NAVD)	Ground-Water Elevation 12/27-12/28/2007	Ground-Water Elevation 1/28/2008	Ground-Water Elevation 2/20/2009	Ground-Water Elevation 4/9/2009	Ground-Water Elevation 12/30/2009	Ground-Water Elevation 1/14/2010
			Top of Screen	Bottom of Screen											
MS-MW-03	SAND and SILT-SAND	20.02	13	23	28.89	18.89	41.86	41.89	23.89	27.25	27.6	28.24	28.05	28.37	28.47
MS-MW-04	SILT-SAND	33	23	33	36.60	26.60	59.27	59.6	31.60	NM-Dry	NM	NM	NM	NM	NM
MS-MW-04A	SAND and CLAY	46.02	37	47	23.75	13.75	60.75	61.08	18.75	27.52	27.4	28.35	28.11	28.4	28.58
MS-MW-05	SAND	75.41	69	79	24.22	14.22	93.42	93.22	19.22	27.69	26.81	27.75	27.5	27.79	28.02
MS-MW-06	SAND and SILT-SAND	20.85	11	21	30.58	20.58	41.23	41.58	25.58	27.48	27.65	28.63	28.45	28.79	28.89

**Notes:**

Wells MS-MW-03 and MS-MW-06 were constructed using 2-inch Schedule 40 PVC Geoprobe prepacked (0.010") slotted screens threaded to 2-inch Schedule 40 PVC riser.

Wells MS-MW-04A and MS-MW-05A were constructed using 2-inch Schedule 40 PVC slotted screen (0.010") threaded onto 2-inch Schedule 40 PVC riser.

Well MS-MW-04 was a 1-inch Schedule 40 PVC slotted screen (0.010") threaded to a 1-inch PVC Schedule 40 riser.

BGS - Below Ground Surface

NM - Not Measured

NAVD - North American Vertical Datum

**Table 4**  
**Final Groundwater Parameters**  
**Manhasset Former Hortonsphere Site**  
**Manhasset, New York**

Sample Location/ Well ID	Date	Flow Rate (mL/min)	Depth to water (feet below TOC at time of sampling)	Groundwater Elevation (feet NAVD at time of sampling)	Parameters								
					Temperature (C)	pH (su)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Odor	Color	Sheen
MS-MW-03	12/27/2007	400	14.61	27.25	10.65	6.18	0.378	54	4.32	144	none	clear	none
MS-MW-04A	12/27/2007	200	33.23	27.52	10.6	5.83	0.291	>999	4.02	138	none	turbid, grey	none
MS-MW-05	12/28/2007	200	65.73	27.69	11.22	5.83	0.417	473.00	3.21	78	none	turbid, grey	none
MS-MW-06	12/28/2007	200	13.75	27.48	14.05	6.03	0.574	30.0	1.66	25	none	clear	none

**Notes:**

NAVD - North American Vertical Datum  
 TOC - Top of Casing  
 ml/min = milliliters per minute  
 NTU = nephelometric turbidity units  
 C = Celsius  
 su = standard units  
 mg/L = milligrams per liter  
 mV = millivolts  
 mS/cm = milliSiemens per centimeter

**Table 5**  
**Surface Soil Analytical Results for Detected Compounds**  
**Manhasset Former Hortonsphere Site**  
**Manhasset, New York**

Sample Name: Sample Interval: Sample Date:	RESIDENTIAL SCOs	MS-SS-01 (0-2 in.) 11/20/2007	MS-SS-02 (0-2 in.) 11/20/2007	MS-SS-03 (0-2 in.) 11/20/2007	MS-SS-04 (0-2 in.) 11/20/2007	MS-SS-05 (0-2 in.) 11/20/2007	MS-SS-06 (0-2 in.) 11/20/2007	MS-SS-07 (0-2 in.) 2/19/2009	MS-SS-08 (0-2 in.) 2/19/2009	MS-SS-09 (0-2 in.) 2/19/2009
<b>BTEX (mg/kg)</b>										
Total BTEX	NE	ND	ND	ND	ND	ND	ND	NA	NA	NA
<b>PAHs (mg/kg)</b>										
Acenaphthene	100	0.38 U	0.4 U	0.46 U	0.072 J	0.44 U	0.4 U	0.3 U	0.29 U	3.3
Anthracene	100	0.38 U	0.4 U	0.46 U	0.46	0.44 U	0.4 U	0.067 J	0.24 J	11
Benzo[a]anthracene	1	0.38 U	0.085 J	0.27 J	2	0.28 J	0.21 J	0.25 J	1	15
Benzo[a]pyrene	1	0.06 J	0.097 J	0.28 J	1.8	0.31 J	0.21 J	0.25 J	1.1	13 J
Benzo[b]fluoranthene	1	0.1 J	0.15 J	0.39 J	2	0.44	0.28 J	0.31	1.3	18 J
Benzo[g,h,i]perylene	100	0.077 J	0.11 J	0.31 J	1.6	0.25 J	0.22 J	0.18 J	0.63	7.2 J
Benzo[k]fluoranthene	1	0.38 U	0.4 U	0.14 J	0.7	0.16 J	0.11 J	0.14 J	0.47	6.5 J
Chrysene	1	0.095 J	0.14 J	0.34 J	2.1	0.36	0.25 J	0.25 J	1	15
Dibenz[a,h]anthracene	0.33	0.38 U	0.4 U	0.07 J	0.38	0.44 U	0.4 U	0.3 U	0.15 J	4.5 J
Pyrene	100	0.11 J	0.17 J	0.43 J	3.3	0.35	0.32 J	0.52	1.4	21
Total PAHs (mg/kg)	NE	0.652	1.161	3.32	21.394	3.15	2.4	2.867	10.68	223.32
<b>Other SVOCs (mg/kg)</b>										
Bis(2-ethylhexyl)phthalate	NE	0.22 J	0.078 J	0.27 J	0.11 J	0.079 J	0.069 J	NA	NA	NA
Carbazole	NE	0.38 U	0.4 U	0.46 U	0.11 J	0.44 U	0.4 U	NA	NA	NA
<b>PCBs (mg/kg)</b>										
Aroclor 1254	NE	0.0064 J	0.0083 J	0.03	0.0045 J	0.02 J	0.033 J	NA	NA	NA
Aroclor 1260	NE	0.02 U	0.021 U	0.024 U	0.019 U	0.023 U	0.025	NA	NA	NA
PCBs, Total	1	0.0064	0.0083	0.03	0.0045	0.02	0.058	NA	NA	NA
<b>Pesticides (mg/kg)</b>										
Alpha-chlordane	0.91	0.002 U	0.0021 U	0.0024 UJ	0.0017 J	0.003 JN	0.0021 JN	NA	NA	NA
Chlordane, trans-	NE	0.0011 J	0.0019 J	0.0024 UJ	0.0019 U	0.0025 JN	0.0021 U	NA	NA	NA
DDD,4,4-	2.6	0.0038 UJ	0.004 UJ	0.0037 JN	0.0037 UJ	0.0045 UJ	0.0037 JN	NA	NA	NA
DDE,4,4-	1.8	0.0038 U	0.004 U	0.0025 JN	0.0037 U	0.0048 J	0.013 J	0.0057 J	NA	NA
DDT,4,4-	1.7	0.0038 UJ	0.004 UJ	0.0068 J	0.0048 J	0.013 J	0.0057 J	NA	NA	NA
Delta-BHC	100	0.00083 J	0.001 J	0.0024 UJ	0.0019 U	0.0023 J	0.0021 U	NA	NA	NA
Endosulfan II	4.8	0.0038 U	0.004 U	0.0022 J	0.0037 U	0.0045 U	0.0041 U	NA	NA	NA
Endosulfan sulfate	4.8	0.00069 J	0.00062 J	0.0046 UJ	0.0037 U	0.0045 U	0.0041 U	NA	NA	NA
Endrin aldehyde	NE	0.0023 J	0.0026 J	0.0067 J	0.0037 U	0.0037 J	0.0042 J	NA	NA	NA
Heptachlor epoxide	NE	0.00032 J	0.0005 J	0.00079 J	0.0019 U	0.0011 J	0.0021 U	NA	NA	NA
<b>Herbicides (mg/kg)</b>										
Herbicides	NE	ND	ND	ND	ND	ND	ND	NA	NA	NA
<b>Metals (mg/kg)</b>										
Aluminum	NE	1760	2150	6950	7690	4220	6130	NA	NA	NA
Arsenic	16	10 U	12 U	3.8 J	2.8 J	7.6	2.8 J	NA	NA	NA
Barium	350	17 J	15.4 J	53.2 J	73.5 J	40.8 J	42.3 J	NA	NA	NA
Calcium	NE	741 J	617 J	2450 J	1660 J	5610 J	1210 J	NA	NA	NA
Chromium	22*	8.8 J	8.2 J	27.1 J	19 J	10.4 J	21 J	NA	NA	NA
Cobalt	NE	2 J	2.7 J	5.1 J	5.6 J	4.4 J	4.2 J	NA	NA	NA
Copper	270	6.2 UJ	7.5 UJ	19.4 J	35.7 J	18.8 J	15.7 J	NA	NA	NA
Iron	NE	8260	7940	13600	18500	9950	11400	NA	NA	NA
Lead	400	9 J	11.8 J	111 J	433 J	58.7 J	88.2 J	12.4 J	31.9 J	44.4 J
Magnesium	NE	401 J	507 J	1400 J	2120	1810	1220 J	NA	NA	NA
Manganese	2000	129	138	355	337	346	252	NA	NA	NA
Mercury	0.81	0.017 J	0.06	0.15	0.1	0.063	0.11	NA	NA	NA
Nickel	140	4.5 J	4.8 J	12.8 J	11.2	10.9 J	10.9	NA	NA	NA
Potassium	NE	200 J	197 J	488 J	714 J	409 J	429 J	NA	NA	NA
Silver	36	3.7 U	4.5 U	1.6 J	2.9 U	4.1 U	1.4 J	NA	NA	NA
Sodium	NE	25.4 J	301 U	37 J	84 J	50.2 J	61.7 J	NA	NA	NA
Vanadium	NE	10.3 J	10.6 J	20.6 J	33.1 J	15.6 J	17.8 J	NA	NA	NA
Zinc	2200	16.6 J	18.4 J	83.6 J	62 J	87.2 J	62.5 J	NA	NA	NA
<b>Other (mg/kg)</b>										
Sulfide	NE	17.4 UJ	18.9 UJ	18.6 UJ	17.4 UJ	17.4 UJ	19.1 UJ	NA	NA	NA
Sulfate	NE	11.6 U	12.1 U	14.1 U	11.2 U	13.6 U	12.3 U	NA	NA	NA





**Table 6**  
**Subsurface Soil Analytical Results for Detected Compounds**  
**Manhasset Former Hortonsphere Site**  
**Manhasset, New York**

Sample Name: Sample Interval: Sample Date:	RESIDENTIAL SCO's	MS-GP-07 (1-5) 2/19/2009	MS-GP-07 (19-20) 2/19/2009	MS-GP-08 (1-4) 2/19/2009	MS-GP-08 (19-20) 2/19/2009	MS-GP-09 (1-5) 2/19/2009	Duplicate of MS-GP-09 (1-5) 2/19/2009	MS-GP-09 (15-17) 2/19/2009	MS-GP-10 (1-2) 2/20/2009	MS-GP-10 (5.5-6.5) 2/20/2009
<b>BTEX (mg/kg)</b>										
Toluene	100	0.0059 U	0.0054 U	0.0057 UJ	0.0055 U	0.0057 U	0.00039 J	0.0054 U	0.0056 U	0.0058 U
Total BTEX	NE	ND	ND	ND	ND	ND	0.00039	ND	ND	ND
<b>Other VOCs (mg/kg)</b>										
Acetone	100	0.023 UJ	0.022 U	0.023 U	0.022 U	0.023 UJ	0.024 UJ	0.022 U	0.022 UJ	0.023 U
Carbon disulfide	NE	0.0059 U	0.0054 U	0.0057 U	0.0055 U	0.0057 U	0.0059 U	0.0054 U	0.0056 U	0.0058 U
<b>PAHs (mg/kg)</b>										
Acenaphthene	100	0.31 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U	0.28 U	0.076 J	0.31 U
Acenaphthylene	100	0.31 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U	0.28 U	0.084 J	0.31 U
Anthracene	100	0.31 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U	0.28 U	0.3	0.31 U
Benzo[a]pyrene	1	0.075 J	0.28 U	0.11 J	0.3 U	0.12 J	0.12 J	0.28 U	1.3	0.31 U
Benzo[b]fluoranthene	1	0.31 U	0.28 U	0.14 J	0.3 U	0.14 J	0.12 J	0.28 U	1.9	0.31 U
Benzo[g,h,i]perylene	100	0.08 J	0.28 U	0.43 J	0.3 U	0.13 J	0.16 J	0.28 U	0.77	0.31 U
Benzo[k]fluoranthene	1	0.31 U	0.28 U	0.048 J	0.3 U	0.3 U	0.051 J	0.28 U	0.67	0.31 U
Chrysene	1	0.072 J	0.28 U	0.13 J	0.3 U	0.13 J	0.11 J	0.28 U	1.5	0.31 U
Dibenz[a,h]anthracene	0.33	0.31 U	0.28 U	0.36 J	0.3 U	0.3 U	0.3 U	0.28 U	0.17 J	0.31 U
Fluoranthene	100	0.1 J	0.28 U	0.2 J	0.3 U	0.18 J	0.15 J	0.28 U	3.4	0.31 U
Fluorene	100	0.31 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U	0.28 U	0.099 J	0.31 U
Indeno[1,2,3-cd]pyrene	0.5	0.31 U	0.28 U	0.4 J	0.3 U	0.13 J	0.14 J	0.28 U	0.86	0.31 U
Naphthalene	100	0.31 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U	0.28 U	0.29 U	0.31 U
Phenanthrene	100	0.31 U	0.28 U	0.1 J	0.3 U	0.13 J	0.069 J	0.091 J	1.8	0.31 U
Pyrene	100	0.13 J	0.28 U	0.15 J	0.3 U	0.2 J	0.17 J	0.083 J	1.8	0.31 U
Total PAHs	NE	0.528	ND	2.188	ND	1.27	1.19	0.174	15.929	ND
<b>Other SVOCs (mg/kg)</b>										
Bis(2-ethylhexyl)phthalate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	14	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>PCBs (mg/kg)</b>										
Aroclor 1254	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Pesticides (mg/kg)</b>										
Alpha-chlordane	0.91	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDD,4,4-	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDE,4,4-	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDT,4,4-	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.039	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Metals (mg/kg)</b>										
Aluminum	NE	8840	3120	3660	1730	5750	5130	2880	4800	5770
Arsenic	16	5.2 J	5.1 UJ	2.2 J	0.72 J	2.3 J	3.4 J	0.89 J	6.1 UJ	5.2 UJ
Barium	350	65 J	18.9 J	49.9 J	11.6 J	62.8 J	63.6 J	19.1 J	28.3 J	15 J
Beryllium	14	0.6 J	0.23 J	1.9 U	2 U	0.4 J	0.46 J	2.1 U	0.3 J	0.39 J
Calcium	NE	1900	203 U	4210	195 U	2850 J	20300 J	281	5710	357
Chromium	22*	19.4 J	8.9 J	7.3 J	4.8 J	14.1 J	15.7 J	8 J	10.6 J	10.9 J
Cobalt	NE	7.9	1.7 J	3.9	1.2 J	5 J	9 J	2.8	5.2	3.4
Copper	270	26.3 J	4.1 J	32.2 J	2.8 J	20 J	14.2 J	4.5 J	11.3 J	8.1 J
Iron	NE	19900	7430	8860	4790	12300	13400	8260	10700	11700
Lead	400	72.5 J	2.7 J	62.1 J	1.6 J	65.2 J	78.8 J	5.6 J	31.4 J	4.5 J
Magnesium	NE	2450	481	2500	265	1820 J	9340 J	592	2950	506
Manganese	2000	412 J	114 J	115 J	124 J	239 J	480 J	218 J	174 J	217 J
Mercury	0.81	0.17 J	0.053 U	0.19 J	0.055 U	0.071 J	0.078 J	0.028 J	0.029 J	0.018 J
Nickel	140	15.6	5.1	6.4	3.4	10.5	9.9	7	7.1	8.7
Potassium	NE	940	215	305	137	667	511	237	345	307
Selenium	36	13.3 U	10.1 U	9.6 U	9.8 U	11.3 U	12.7 U	10.6 U	1.5 J	10.4 U
Silver	36	4 U	3 U	2.9 U	2.9 U	3.4 U	3.8 U	3.2 U	3.7 U	3.1 U
Sodium	NE	266 U	203 U	191 U	195 U	226 U	254 U	213 U	244 U	209 U
Vanadium	NE	23.3	8.4	12.4	5.6	18.1	16.7	7.1	14.7	14.4
Zinc	2200	94.7 J	9.2 J	64.2 J	7.3 J	70.7 J	75 J	15.7 J	33.4 J	12.1 J
<b>Other (mg/kg)</b>										
Acid Soluble Sulfide	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 7**  
**Stormwater Sediment Analytical Results for Detected Compounds**  
**Manhasset Former Hortonsphere Site**  
**Manhasset, New York**

Sample Name: Sample Interval (ft): Sample Date:	Residential SCOs	MS-SED-01 (0.67-0.83) 2/20/2009	MS-SED-02 (1.65-1.80) 2/20/2009	Duplicate of MS-SED-02 (1.65-1.80) 2/20/2009	MS-SED-03 (1.45-1.60) 2/20/2009	MS-SED-04 (0.17-0.33) 2/20/2009
<b>BTEX (mg/kg)</b>						
Toluene	100	0.0062 U	0.0054 U	0.0055 U	0.0067 U	0.0057 UJ
Total BTEX	NE	ND	ND	ND	ND	ND
<b>Other VOCs (mg/kg)</b>						
Acetone	100	0.025 U	0.021 U	0.022 U	0.027 U	0.023 U
<b>PAHs (mg/kg)</b>						
Anthracene	100	0.34 U	0.28 U	0.29 U	<b>0.096 J</b>	0.3 U
Benz[a]anthracene	1	<b>0.13 J</b>	0.28 U	0.29 U	<b>0.33 J</b>	0.3 U
Benzo[a]pyrene	1	<b>0.13 J</b>	0.28 U	0.29 U	<b>0.33 J</b>	0.3 U
Benzo[b]fluoranthene	1	<b>0.17 J</b>	0.28 U	0.29 U	<b>0.41</b>	0.3 U
Benzo[g,h,i]perylene	100	<b>0.49</b>	0.28 U	0.29 U	<b>0.7</b>	<b>0.4</b>
Benzo[k]fluoranthene	1	0.34 U	0.28 U	0.29 U	<b>0.15 J</b>	0.3 U
Chrysene	1	<b>0.13 J</b>	0.28 U	0.29 U	<b>0.39</b>	0.3 U
Dibenz[a,h]anthracene	0.33	<b>0.4</b>	0.28 U	0.29 U	<b>0.47</b>	0.3 U
Fluoranthene	100	<b>0.23 J</b>	0.28 U	0.29 U	<b>0.61</b>	0.3 U
Indeno[1,2,3-cd]pyrene	0.5	<b>0.46</b>	0.28 U	0.29 U	<b>0.66</b>	<b>0.37</b>
Phenanthrene	100	<b>0.14 J</b>	0.28 U	0.29 U	<b>0.4</b>	0.3 U
Pyrene	100	<b>0.27 J</b>	0.28 U	0.29 U	<b>0.71</b>	0.3 U
Total PAHs	NE	<b>2.55</b>	ND	ND	<b>5.256</b>	<b>0.77</b>
<b>PCBs (mg/kg)</b>						
Total PCBs	1	ND	ND	ND	ND	ND
<b>Pesticides (mg/kg)</b>						
Alpha-chlordane	0.91	<b>0.0038 J</b>	0.0018 U	0.0019 U	<b>0.0052 JN</b>	<b>0.002 JN</b>
Chlordane, trans-	NE	<b>0.0026 J</b>	0.0018 U	0.0019 U	<b>0.0044 J</b>	<b>0.0024 J</b>
DDD,4,4-	2.6	<b>0.0031 JN</b>	0.0035 UJ	0.0036 UJ	<b>0.0065 JN</b>	<b>0.0023 JN</b>
DDE,4,4-	1.8	<b>0.0014 JN</b>	0.0035 U	0.0036 U	<b>0.0027 JN</b>	0.0037 U
DDT,4,4-	1.7	<b>0.0028 J</b>	0.0035 UJ	0.0036 UJ	<b>0.0051 J</b>	R
Delta-BHC	100	<b>0.0014 J</b>	0.0018 U	0.0019 U	<b>0.0012 J</b>	0.0019 U
Dieldrin	0.039	0.0041 UJ	0.0035 UJ	0.0036 UJ	<b>0.0013 J</b>	0.0037 UJ
Heptachlor	0.42	0.0021 U	0.0018 U	0.0019 U	<b>0.00073 J</b>	0.0019 U
Heptachlor epoxide	NE	<b>0.00077 J</b>	0.0018 U	0.0019 U	<b>0.0013 J</b>	0.0019 U
<b>Herbicides (mg/kg)</b>						
Herbicides	NE	ND	ND	ND	ND	ND
<b>Metals (mg/kg)</b>						
Aluminum	NE	<b>3510</b>	<b>3410</b>	<b>2620</b>	<b>4710</b>	<b>1620</b>
Arsenic	16	5.5 UJ	5 UJ	6.8 UJ	<b>2.1 J</b>	6.2 UJ
Barium	350	<b>17.8</b>	<b>14.2</b>	<b>10.4</b>	<b>32.5</b>	<b>7.6</b>
Beryllium	14	<b>0.25 J</b>	<b>0.25 J</b>	2.7 U	<b>0.36 J</b>	2.5 U
Calcium	NE	<b>820 J</b>	<b>231 J</b>	<b>209 J</b>	<b>1750 J</b>	<b>268 J</b>
Chromium	22*	<b>7.6 J</b>	<b>6.7 J</b>	<b>7 J</b>	<b>10.8 J</b>	<b>6.4 J</b>
Cobalt	NE	<b>4.1</b>	<b>3.1</b>	<b>2.8</b>	<b>4.7</b>	<b>1.7 J</b>
Copper	270	<b>8.5</b>	<b>5.9</b>	<b>4.8</b>	<b>14.6</b>	<b>3.7</b>
Iron	NE	<b>10200</b>	<b>7760</b>	<b>8460</b>	<b>10800</b>	<b>4850</b>
Lead	400	<b>17.9 J</b>	<b>7 J</b>	<b>7.5 J</b>	<b>29.6 J</b>	<b>5.8 J</b>
Magnesium	NE	<b>832</b>	<b>760</b>	<b>585</b>	<b>1240</b>	<b>321</b>
Manganese	2000	<b>179 J</b>	<b>161 J</b>	<b>134 J</b>	<b>320 J</b>	<b>90.7 J</b>
Mercury	0.81	<b>0.026 J</b>	0.053 UJ	0.05 UJ	<b>0.082 J</b>	<b>0.078 J</b>
Nickel	140	<b>7.2</b>	<b>6.4</b>	<b>5.4</b>	<b>10.7</b>	<b>3</b>
Potassium	NE	<b>255</b>	<b>347</b>	<b>239</b>	<b>424</b>	<b>127</b>
Selenium	36	11 U	10.1 U	13.6 U	<b>1.3 J</b>	12.4 U
Vanadium	NE	<b>11.3</b>	<b>8.8</b>	<b>8.5</b>	<b>16</b>	<b>6.7</b>
Zinc	2200	<b>34.4 J</b>	<b>15.2 J</b>	<b>13 J</b>	<b>71.2 J</b>	<b>15.6 J</b>
<b>Other (mg/kg)</b>						
Acid Soluble Sulfide	NE	17.8 U	<b>21.1</b>	17.7 U	20.7 U	<b>21.9</b>
Sulfate	NE	12.4 U	10.7 U	11.0 U	13.4 U	11.4 U



**Table 7**  
**Stormwater Sediment Analytical Results for Detected Compounds**  
**Manhasset Former Hortonsphere Site**  
**Manhasset, New York**

**Notes:**

**Only detected compounds are shown on this table**

mg/kg - milligrams/kilogram or parts per million (ppm)

BTEX - benzene, toluene, ethylbenzene, and xylenes

VOCs - volatile organic compounds

PAHs - polycyclic aromatic hydrocarbons

6 NYCRR - New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York

6 NYCRR 375 SCO RESTRICTED USE RESIDENTIAL - regulatory comparison against NYCRR, Chapter IV, Part 375-6 Restricted Use Residential Soil Cleanup Objectives (SCOs)

\*-There is no established criteria for total chromium. The residential SCO for hexavalent chromium was used for comparison

NE - not established

NA - not analyzed

**Bolding indicates a detected concentration**

**Gray shading and bolding indicates that the detected result value exceeds established NYSDEC 375 RESIDENTIAL USE SCO.**

**Validation Qualifiers:**

J - estimated value

JN - analyte is presumptively present at an approximated quantity

U - indicates not detected to the reporting limit for organic analysis and the method detection limit for inorganic analysis

UJ - not detected at or above the reporting limit shown and the reporting limit is estimated

R - rejected

**Table 8**  
**Groundwater Analytical Results for Detected Compounds**  
**Manhasset Former Hortonsphere Site**  
**Manhasset, New York**

Sample Location: Sample Date:	NYS SCGs	MS-GW-01 11/19/2007	MS-GW-02 11/19/2007	MS-MW-03 12/27/2007	MS-MW-04 12/27/2007	MS-MW-05 12/28/2007	MS-MW-06 12/28/2007	Duplicate of: MS-MW-06 12/28/2007
<b>BTEX (ug/l)</b>								
Benzene	1	5 U	5 U	5 U	5 U	0.4 J	5 U	5 U
Toluene	5	0.31 J	5 U	5 U	5 U	5 U	5 U	5 U
Total BTEX	NE	0.31	ND	ND	ND	0.4	ND	ND
<b>Other VOCs (ug/l)</b>								
Acetone	50	1.6 J	10 U	10 U	10 U	2.5 U	10 U	10 U
Carbon disulfide	NE	5 U	5 U	5 U	0.76	5 U	5 U	5 U
Chloroform	7	5 U	5 U	0.3 J	5 U	5 U	5 U	5 U
Dibromochloromethane	50	5 U	5 U	0.5 J	5 U	5 U	5 U	5 U
Methyl-2-pentanone,4-	NE	10 U	10 U	0.46 J	10 U	10 U	10 U	10 U
Tetrachloroethene	5	5 U	0.36 J	0.87	0.92	0.97	0.72	0.54
Total VOCs	NE	1.91	0.36	2.13	1.68	1.37	0.72	0.54
<b>Total PAHs (ug/l)</b>								
Total PAHs	NE	ND	ND	ND	ND	ND	ND	ND
<b>PCBs (ug/l)</b>								
Total PCBs	0.1	ND	ND	ND	ND	ND	ND	ND
<b>Pesticides (ug/l)</b>								
Chlordane, trans-	NE	0.052 U	0.056 U	0.05 U	0.0085 J	0.05 U	0.05 U	0.05 U
Delta-BHC	0.04	0.052 U	0.056 U	0.05 UJ	0.05 UJ	0.0095 J	0.05 U	0.05 U
Total Pesticides	NE	ND	ND	ND	0.0085	0.0095	ND	ND
<b>Total Metals (ug/l)</b>								
Aluminum	NE	18000	19300	100 J	1600	830	190 J	180 J
Arsenic	25	35	29	25 U	7 J	25 U	25 U	25 U
Barium	1000	180 J	210	28 J	38 J	41 J	62 J	62 J
Beryllium	3	1.9 J	2.1 J	5 U	5 U	5 U	5 U	5 U
Calcium	NE	19500 J	17500 J	41900	38100	36200	62900	61300
Chromium	50	710 J	640 J	10 U	12	9.5 J	2.4 J	2.2 J
Cobalt	NE	14 J	18 J	10 U	3 J	15 J	4.9 J	5 J
Copper	200	250	220	10 U	23 J	3.9 J	10 U	10 U
Iron	300	161000	147000	210	7200	3100	7900	7300
Lead	25	95	170	10 U	5.6 J	10 U	10 U	10 U
Magnesium	35000	7400	6800	13400	7500	13600	18200	18000
Manganese	300	2000	4800	580	470	370	330	310
Nickel	100	320	380	22 J	23 J	17 J	120	120
Potassium	NE	3600 J	3200 J	1400 J	3300 J	2800 J	6100	6100
Sodium	20000	8000	5600	9900	6300	20700	56000	55500
Vanadium	NE	260	430	5 U	21 J	11 J	1.1 J	5 U
Zinc	2000	500	290	50 U	250	43 J	50 U	50 U
<b>Sulfide/ Sulfate (ug/l)</b>								
Sulfate	250000	20400	11100	8900	25300	63500	59500	57800
Sulfide	NE	600 J	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U

**Notes:**

- NYS SCG- New York State Ambient Water Quality Standards, Criteria and Guidance (SCGs) Values for GA groundwater
- NE- not established
- ND - not detected; total concentration is listed as ND because no compounds were detected in the group
- J - estimated value
- U - indicates not detected to the reporting limit for organic analysis and the method detection limit for inorganic analysis
- Bold indicates detected result

**Shading and bolding indicates that the detected result value exceeds established NYS SCGs**

- ug/L - micrograms per liter or parts per billion (ppb)
- BTEX - benzene, toluene, ethylbenzene, and xylene
- VOCs - volatile organic compounds
- PAHs - polycyclic aromatic hydrocarbons
- PCBs - polychlorinated biphenyls

**Table 12**  
**Typical Background Concentrations of Metals in Soil**  
**Manhasset Former Hortonsphere Site**  
**Manhasset, New York**

Metals	Background Levels - Eastern USA (mg/kg)
Aluminum	0.07 - > 10
Antimony	NE
Arsenic	< 0.1 - 73
Barium	10 - 1,500
Beryllium	< 1 - 7
Cadmium	NE
Calcium	0.01 - 28
Chromium	1 - 1,000
Cobalt	< 0.3 - 70
Copper	< 1 - 700
Iron	0.01 - >10
Lead	> 10 - 300
Magnesium	0.005 - 5
Manganese	< 2 - 7,000
Mercury	0.01 - 3.4
Nickel	< 5 - 700
Potassium	0.005 - 3.7
Selenium	< 0.01 - 3.9
Silver	NE
Sodium	<0.05 - 5
Thallium	NE
Vanadium	<7 - 300
Zinc	< 5 - 2,900

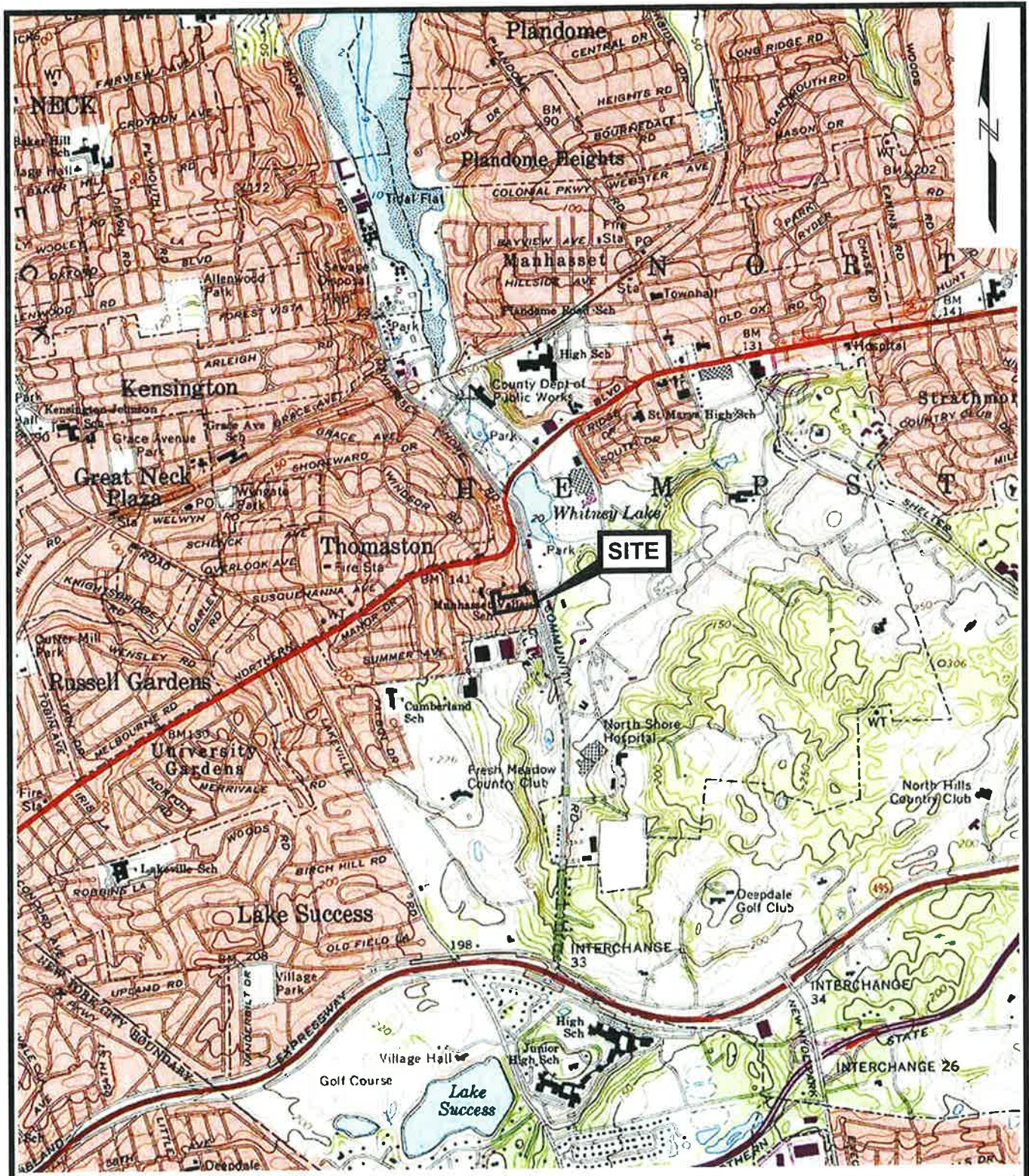
**Notes:**

NE - Not established

From: H.T. Shacklette and J.G. Boerngen, USGS Professional Paper 1270, 1984







SOURCE: Map created with TOPO! © 2001 National Geographic  
 (www.nationalgeographic.com/topo)



FINAL SITE CHARACTERIZATION REPORT  
 MANHASSET FORMER HORTONSHERE SITE  
 MANHASSET, NEW YORK

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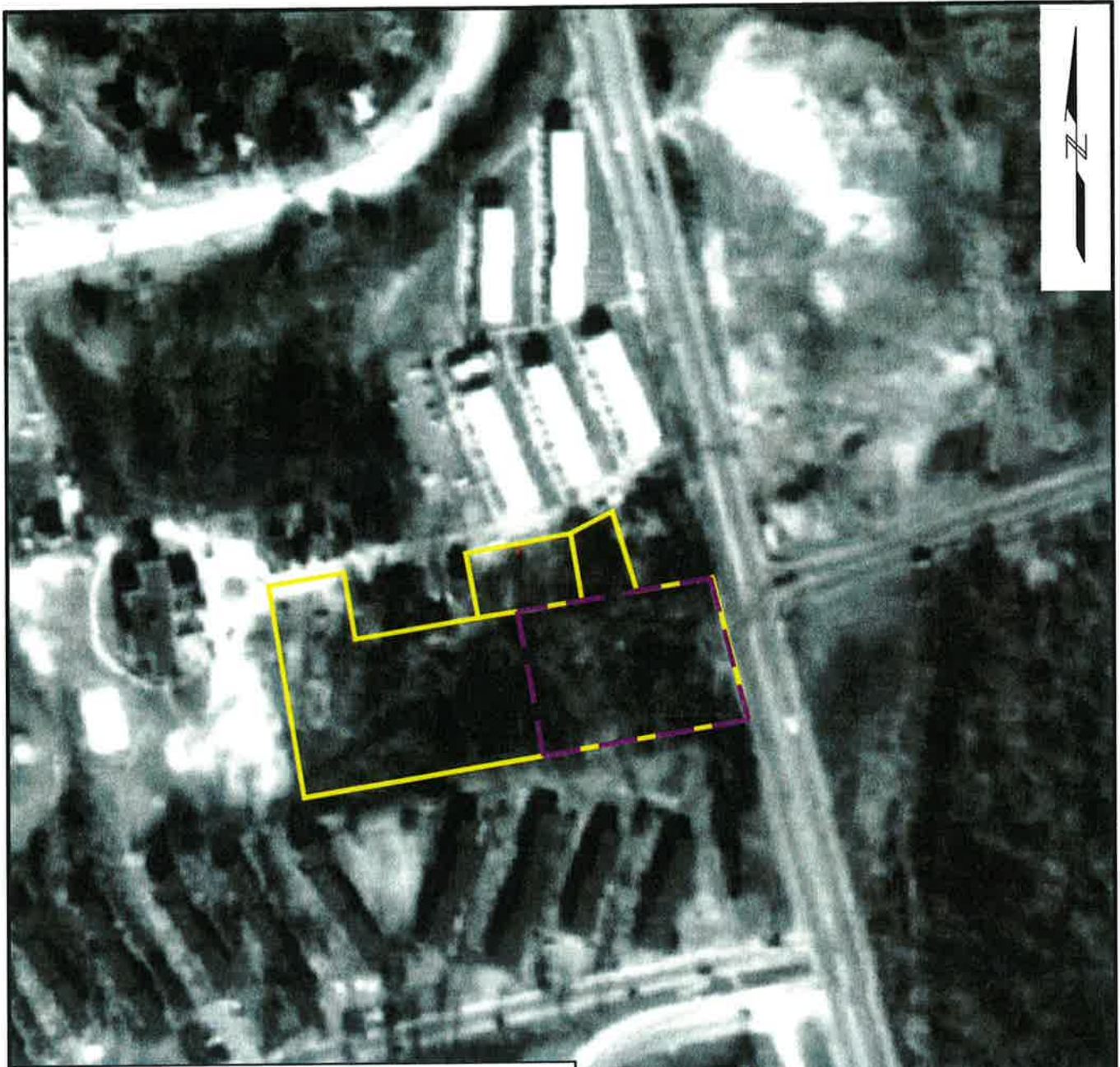


Project 093000-8-1801

**SITE LOCATION MAP**

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Figure 1



**LEGEND:**



PROPERTY BOUNDARY (APPROXIMATE)

FORMER HORTONSPHERE SITE BOUNDARY (APPROXIMATE)

**SOURCE:**

1966 AERIAL PHOTOGRAPH PROVIDED BY ENVIRONMENTAL DATA RESOURCES, INC., MILFORD, CT., INQUIRY # 1898554.5, INQUIRY DATE : APRIL 10, 2007.

**NOTE:**

MANHASSET HORTONSPHERE AND PROPERTY WERE SOLD IN 1961.



SCALE, FEET

FINAL SITE CHARACTERIZATION REPORT  
MANHASSET FORMER HORTONSPHERE SITE  
MANHASSET, NEW YORK

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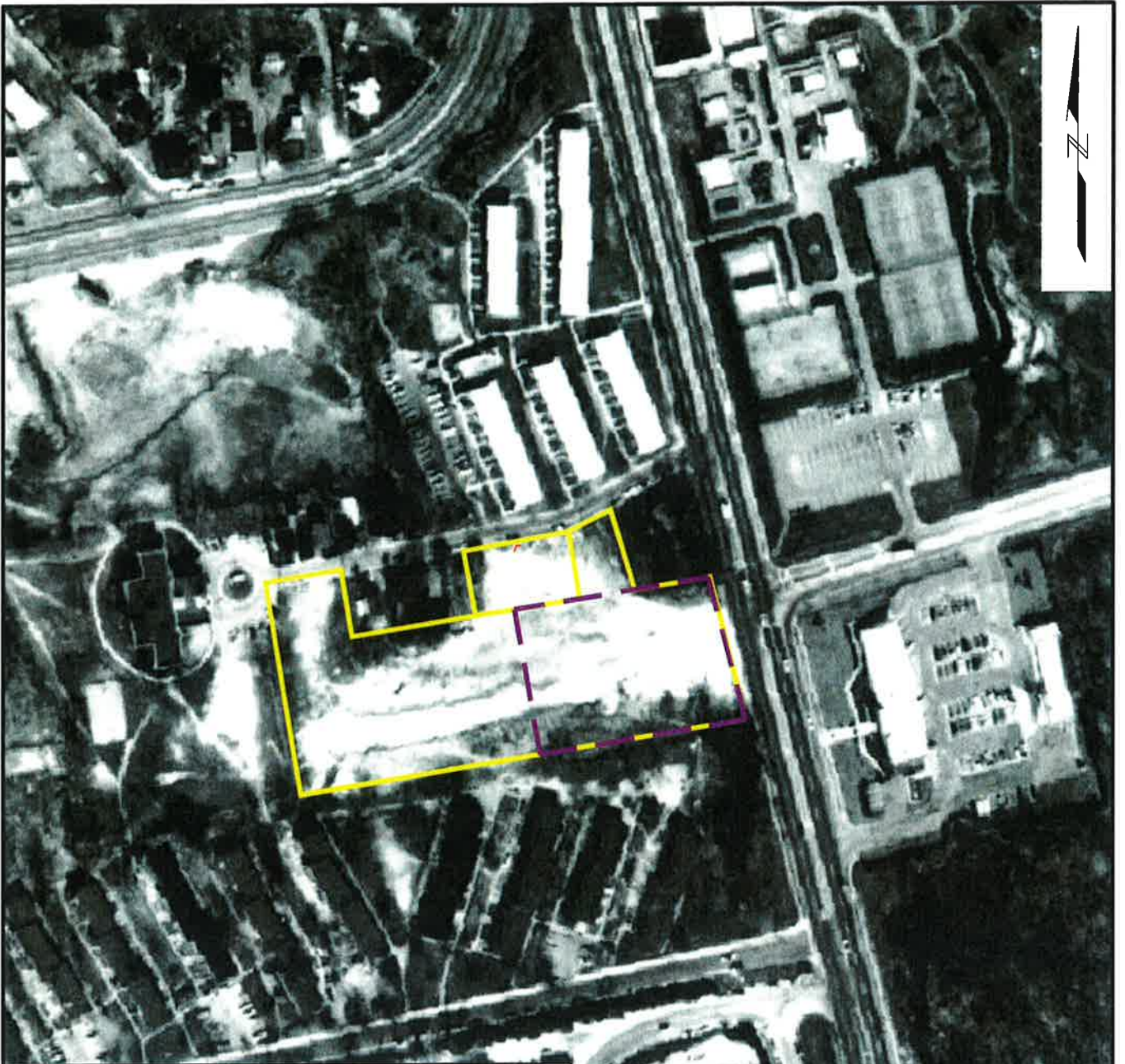


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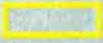
1966 AERIAL PHOTOGRAPH  
OF SITE AND VICINITY


August 2011

Figure 3



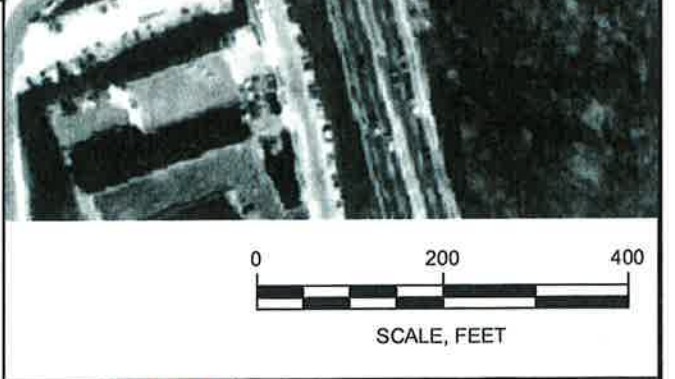
**LEGEND:**

 PROPERTY BOUNDARY (APPROXIMATE)

 FORMER HORTONSPHERE SITE BOUNDARY (APPROXIMATE)

**SOURCE:**  
 1976 AERIAL PHOTOGRAPH PROVIDED BY ENVIRONMENTAL DATA RESOURCES, INC., MILFORD, CT., INQUIRY # 1898554.5, INQUIRY DATE : APRIL 10, 2007.

**NOTE:**  
 MANHASSET HORTONSPHERE AND PROPERTY WERE SOLD IN 1961.



FINAL SITE CHARACTERIZATION REPORT  
 MANHASSET FORMER HORTONSPHERE SITE  
 MANHASSET, NEW YORK



1976 AERIAL PHOTOGRAPH  
 OF SITE AND VICINITY



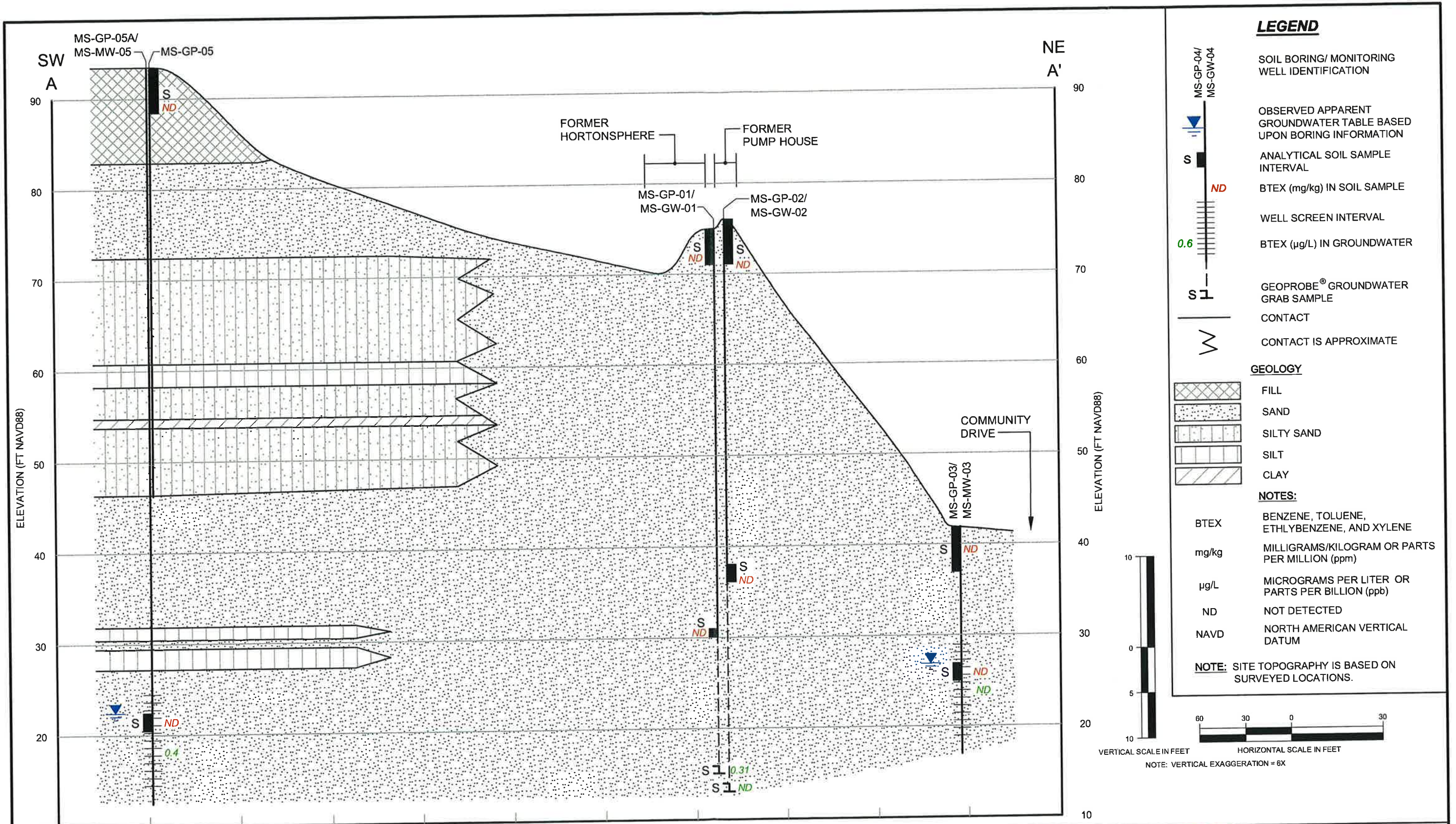
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Figure 4







FINAL SITE CHARACTERIZATION REPORT  
MANHASSET FORMER HORTONSHERE SITE  
MANHASSET, NEW YORK

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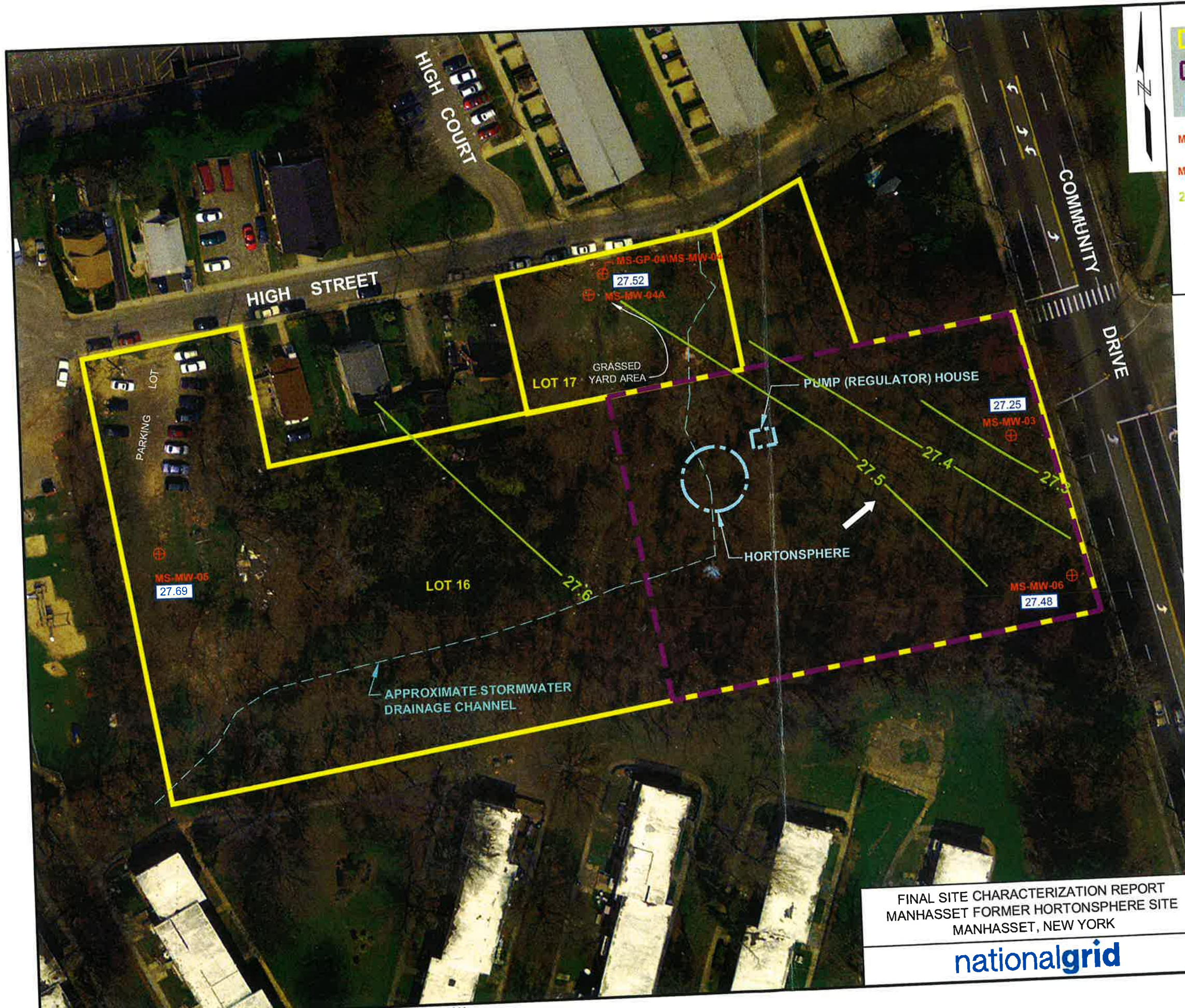


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**CROSS SECTION A-A'**

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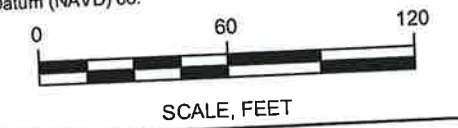
Figure 5



**LEGEND:**

- PROPERTY BOUNDARY (APPROXIMATE)
- FORMER HORTONSPHERE SITE BOUNDARY (APPROXIMATE)
- HISTORIC STRUCTURE LOCATION
- MS-GW-01 TEMPORARY GROUNDWATER SAMPLING LOCATION
- MS-MW-03 MONITORING WELL LOCATION
- 27.3 GROUNDWATER CONTOUR (FEET NAVD)
- 27.25 GROUNDWATER ELEVATION (FEET NAVD)
- INFERRED GROUNDWATER FLOW DIRECTION
- NAVD NORTH AMERICAN VERTICAL DATUM

- SOURCES:**
1. Orthophoto obtained from New York State Interactive Mapping Gateway (<http://www1.nysgis.state.ny.us/MainMap.cfm>) photo date: 2004, accessed 10/04/07.
  2. Land and Tax Map, Sec. 2, Blk. 347, Nassau County Department of Assessment, Sheet 1 of 1, Revised date: April 18, 2003, Scale: 1" = 100', map obtained from: <http://www.nassaucountyny.gov>.
  3. 1950 Sanborn Fire Insurance Map.
  4. Manhasset Hortonsphere Property Maps Parcel Nos. 24.1, 24.2, and 23 Long Island Lighting Company, Mineola, N.Y.
  5. Survey of existing conditions and sample locations conducted by GEI Consultants, Inc. on 12/10 and 12/18/07. Survey by New York state licensed land surveyor number 050146. Horizontal datum: New York State Plane coordinate system (Long Island Zone, North American Datum (NAD)83). Vertical datum: North American Vertical Datum (NAVD) 88.
  6. Survey of additional sample locations conducted by GEI Consultants, Inc. on 3/11/09. Survey by New York state licensed land surveyor number 050146. Horizontal datum: New York State Plane coordinate system (Long Island Zone, North American Datum (NAD)83). Vertical datum: North American Vertical Datum (NAVD) 88.



FINAL SITE CHARACTERIZATION REPORT  
 MANHASSET FORMER HORTONSPHERE SITE  
 MANHASSET, NEW YORK

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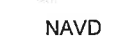
**GROUNDWATER CONTOURS**  
 (DECEMBER 27 - 28, 2007)

August 2011

Figure 7

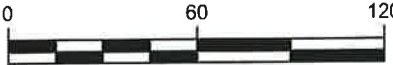


**LEGEND:**

-  PROPERTY BOUNDARY (APPROXIMATE)
-  FORMER HORTONSHERE SITE BOUNDARY (APPROXIMATE)
-  HISTORIC STRUCTURE LOCATION
-  MS-GW-01 TEMPORARY GROUNDWATER SAMPLING LOCATION
-  MS-MW-03 MONITORING WELL LOCATION
-  27.3 GROUNDWATER CONTOUR (FEET NAVD)
-  27.25 GROUNDWATER ELEVATION (FEET NAVD)
-  INFERRED GROUNDWATER FLOW DIRECTION
- NAVD NORTH AMERICAN VERTICAL DATUM

**SOURCES:**

1. Orthophoto obtained from New York State Interactive Mapping Gateway (<http://www1.nysgis.state.ny.us/MainMap.cfm>) photo date: 2004, accessed 10/04/07.
2. Land and Tax Map, Sec. 2, Blk. 347, Nassau County Department of Assessment, Sheet 1 of 1, Revised date: April 18., 2003, Scale: 1" = 100', map obtained from: <http://www.nassaucountyny.gov>.
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4. Manhasset Hortonsphere Property Maps Parcel Nos. 24.1, 24.2, and 23 Long Island Lighting Company, Mineola, N.Y.
5. Survey of existing conditions and sample locations conducted by GEI Consultants, Inc. on 12/10 and 12/18/07. Survey by New York state licensed land surveyor number 050146. Horizontal datum: New York State Plane coordinate system (Long Island Zone, North American Datum (NAD)83). Vertical datum: North American Vertical Datum (NAVD) 88.
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 SCALE, FEET

FINAL SITE CHARACTERIZATION REPORT  
 MANHASSET FORMER HORTONSHERE SITE  
 MANHASSET, NEW YORK

**nationalgrid**

**GEI** Consultants

Project 093000-8-1801

**GROUNDWATER CONTOURS**  
 (JANUARY 28, 2008)

August 2011

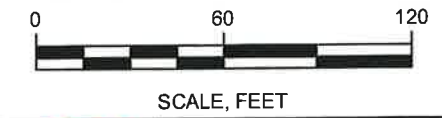
Figure 8



**LEGEND:**

- PROPERTY BOUNDARY (APPROXIMATE)
- FORMER HORTONSPHERE SITE BOUNDARY (APPROXIMATE)
- HISTORIC STRUCTURE LOCATION
- MS-GW-01 TEMPORARY GROUNDWATER SAMPLING LOCATION
- MS-MW-03 MONITORING WELL LOCATION
- 27.3 GROUNDWATER CONTOUR (FEET NAVD)
- 27.25 GROUNDWATER ELEVATION (FEET NAVD)
- INFERRED GROUNDWATER FLOW DIRECTION
- NAVD NORTH AMERICAN VERTICAL DATUM

- SOURCES:**
1. Orthophoto obtained from New York State Interactive Mapping Gateway (<http://www1.nysgis.state.ny.us/MainMap.cfm>) photo date: 2004, accessed 10/04/07.
  2. Land and Tax Map, Sec. 2, Blk. 347, Nassau County Department of Assessment, Sheet 1 of 1, Revised date: April 18, 2003, Scale: 1" = 100', map obtained from: <http://www.nassaucountyny.gov>.
  3. 1950 Sanborn Fire Insurance Map.
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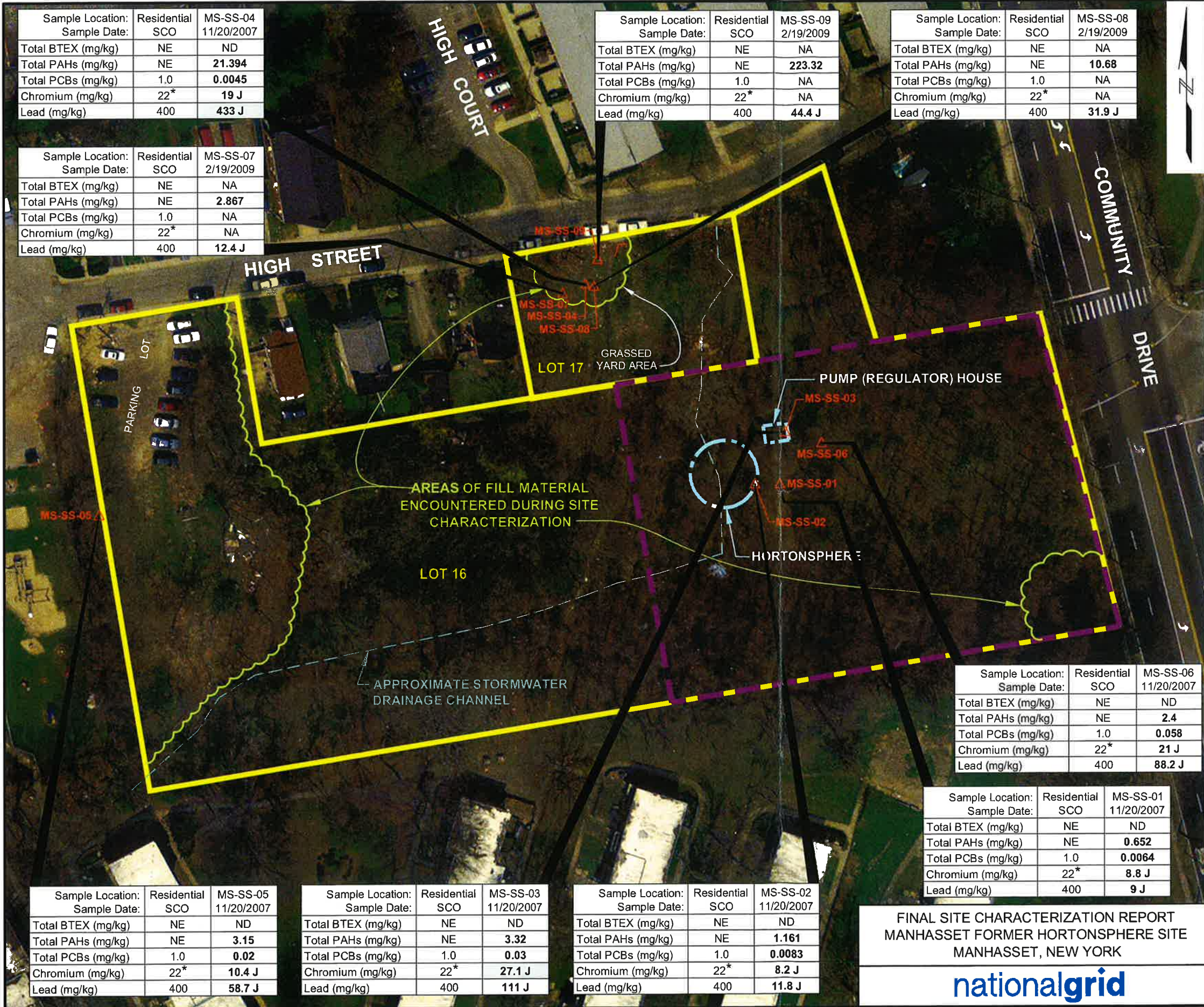
FINAL SITE CHARACTERIZATION REPORT  
 MANHASSET FORMER HORTONSPHERE SITE  
 MANHASSET, NEW YORK

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**GROUNDWATER CONTOURS  
 (JANUARY 14, 2010)**

August 2011 Figure 9



**LEGEND:**

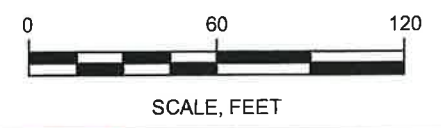
- PROPERTY BOUNDARY (APPROXIMATE)
- FORMER HORTONSPHERE SITE BOUNDARY (APPROXIMATE)
- HISTORIC STRUCTURE LOCATION
- ▲ MS-SS-01 SURFACE SOIL SAMPLE LOCATION

NA not analyzed  
 NE not established  
 ND not detected; total concentration is listed as ND because no compounds were detected in the group  
 J estimated value  
 \* there is no established criteria for total Chromium, the Residential SCO for hexavalent chromium is used

**BOLD** indicates detected result  
**BOLD** indicates the result exceeds Residential SCO  
 mg/kg milligrams/kilogram or parts per million (ppm)  
 ft bgs feet below ground surface  
 BTEX benzene, toluene, ethylbenzene, and xylene  
 PAHs polycyclic aromatic hydrocarbons  
 PCBs polychlorinated biphenyls

**NOTE:**  
 Residential SCO – Established in the New York Code of Rules and Regulations, Title 6, Chapter 100, Part 700-705, Subpart 375-6: Remedial Program Soil Cleanup Objectives for Restricted Use Residential

- SOURCES:**
1. Orthophoto obtained from New York State Interactive Mapping Gateway (<http://www1.nysgis.state.ny.us/MainMap.cfm>) photo date: 2004, accessed 10/04/07.
  2. Land and Tax Map, Sec. 2, Blk. 347, Nassau County Department of Assessment, Sheet 1 of 1, Revised date: April 18, 2003, Scale: 1" = 100', map obtained from: <http://www.nassaucountyny.gov>.
  3. 1950 Sanborn Fire Insurance Map.
  4. Manhasset Hortonsphere Property Maps Parcel Nos. 24.1, 24.2, and 23 Long Island Lighting Company, Mineola, N.Y.
  5. Survey of existing conditions and sample locations conducted by GEI Consultants, Inc. on 12/10 and 12/18/07. Survey by New York state licensed land surveyor number 050146. Horizontal datum: New York State Plane coordinate system (Long Island Zone, North American Datum (NAD)83). Vertical datum: North American Vertical Datum (NAVD) 88.
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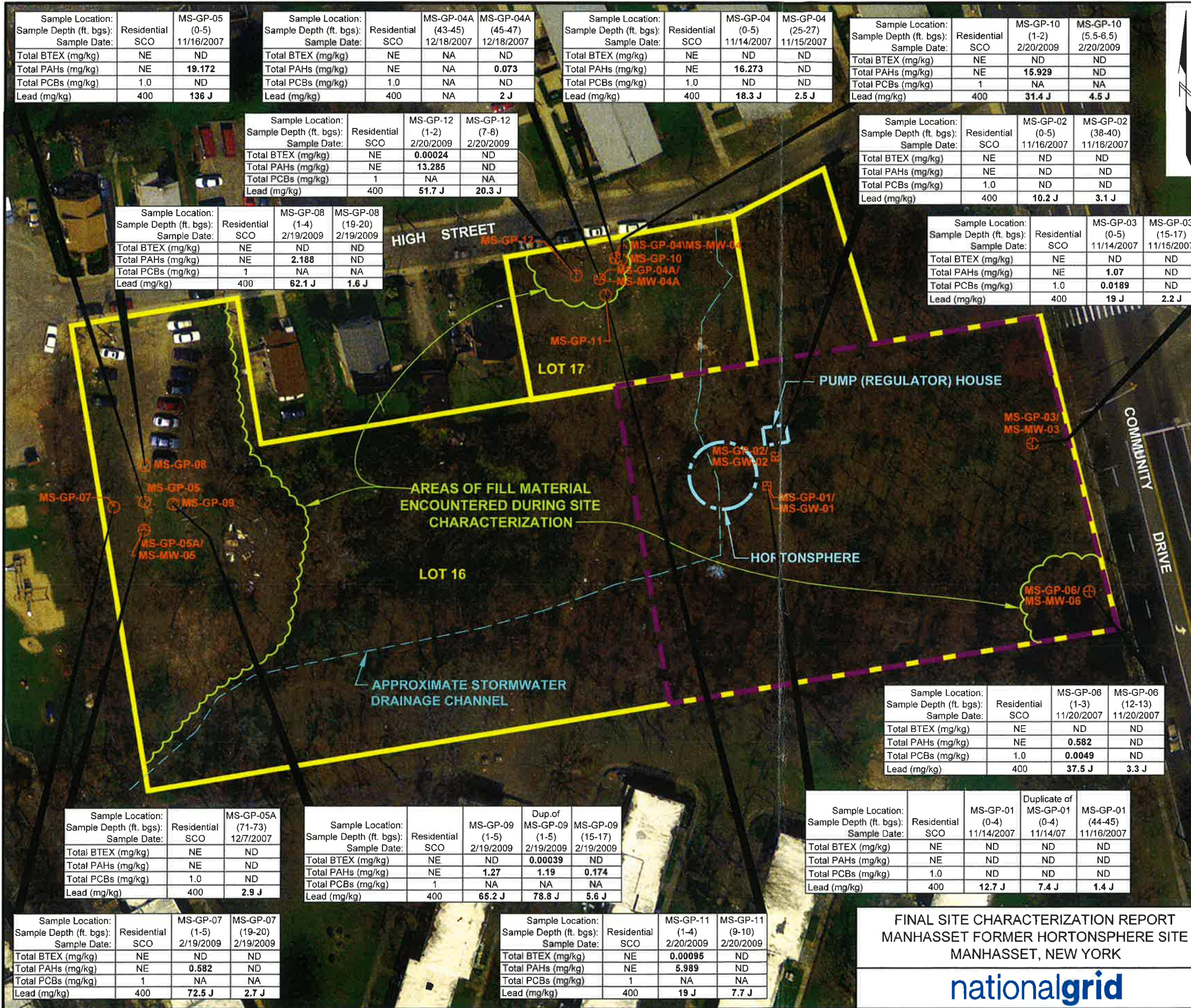
FINAL SITE CHARACTERIZATION REPORT  
 MANHASSET FORMER HORTONSPHERE SITE  
 MANHASSET, NEW YORK

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**GEI** Consultants

**SURFACE SOIL ANALYTICAL SUMMARY (mg/kg)**

Project 093000-8-1801 August 2011 Figure 10



Sample Location:	Residential	MS-GP-05
Sample Depth (ft. bgs):	SCO	(0-5)
Sample Date:		11/16/2007
Total BTEX (mg/kg)	NE	ND
Total PAHs (mg/kg)	NE	<b>19.172</b>
Total PCBs (mg/kg)	1.0	ND
Lead (mg/kg)	400	<b>136 J</b>

Sample Location:	Residential	MS-GP-04A	MS-GP-04A
Sample Depth (ft. bgs):	SCO	(43-45)	(45-47)
Sample Date:		12/18/2007	12/18/2007
Total BTEX (mg/kg)	NE	NA	ND
Total PAHs (mg/kg)	NE	NA	<b>0.073</b>
Total PCBs (mg/kg)	1.0	NA	ND
Lead (mg/kg)	400	NA	<b>2 J</b>

Sample Location:	Residential	MS-GP-04	MS-GP-04
Sample Depth (ft. bgs):	SCO	(0-5)	(25-27)
Sample Date:		11/14/2007	11/15/2007
Total BTEX (mg/kg)	NE	ND	ND
Total PAHs (mg/kg)	NE	<b>16.273</b>	ND
Total PCBs (mg/kg)	1.0	ND	ND
Lead (mg/kg)	400	<b>18.3 J</b>	<b>2.5 J</b>

Sample Location:	Residential	MS-GP-10	MS-GP-10
Sample Depth (ft. bgs):	SCO	(1-2)	(5.5-6.5)
Sample Date:		2/20/2009	2/20/2009
Total BTEX (mg/kg)	NE	ND	ND
Total PAHs (mg/kg)	NE	<b>15.929</b>	ND
Total PCBs (mg/kg)	1	NA	NA
Lead (mg/kg)	400	<b>31.4 J</b>	<b>4.5 J</b>

Sample Location:	Residential	MS-GP-12	MS-GP-12
Sample Depth (ft. bgs):	SCO	(1-2)	(7-8)
Sample Date:		2/20/2009	2/20/2009
Total BTEX (mg/kg)	NE	<b>0.00024</b>	ND
Total PAHs (mg/kg)	NE	<b>13.285</b>	ND
Total PCBs (mg/kg)	1	NA	NA
Lead (mg/kg)	400	<b>51.7 J</b>	<b>20.3 J</b>

Sample Location:	Residential	MS-GP-08	MS-GP-08
Sample Depth (ft. bgs):	SCO	(1-4)	(19-20)
Sample Date:		2/19/2009	2/19/2009
Total BTEX (mg/kg)	NE	ND	ND
Total PAHs (mg/kg)	NE	<b>2.188</b>	ND
Total PCBs (mg/kg)	1	NA	NA
Lead (mg/kg)	400	<b>62.1 J</b>	<b>1.6 J</b>

Sample Location:	Residential	MS-GP-02	MS-GP-02
Sample Depth (ft. bgs):	SCO	(0-5)	(38-40)
Sample Date:		11/16/2007	11/16/2007
Total BTEX (mg/kg)	NE	ND	ND
Total PAHs (mg/kg)	NE	ND	ND
Total PCBs (mg/kg)	1.0	ND	ND
Lead (mg/kg)	400	<b>10.2 J</b>	<b>3.1 J</b>

Sample Location:	Residential	MS-GP-03	MS-GP-03
Sample Depth (ft. bgs):	SCO	(0-5)	(15-17)
Sample Date:		11/14/2007	11/15/2007
Total BTEX (mg/kg)	NE	ND	ND
Total PAHs (mg/kg)	NE	<b>1.07</b>	ND
Total PCBs (mg/kg)	1.0	<b>0.0189</b>	ND
Lead (mg/kg)	400	<b>19 J</b>	<b>2.2 J</b>

Sample Location:	Residential	MS-GP-06	MS-GP-06
Sample Depth (ft. bgs):	SCO	(1-3)	(12-13)
Sample Date:		11/20/2007	11/20/2007
Total BTEX (mg/kg)	NE	ND	ND
Total PAHs (mg/kg)	NE	<b>0.582</b>	ND
Total PCBs (mg/kg)	1.0	<b>0.0049</b>	ND
Lead (mg/kg)	400	<b>37.5 J</b>	<b>3.3 J</b>

Sample Location:	Residential	MS-GP-01	Duplicate of MS-GP-01	MS-GP-01
Sample Depth (ft. bgs):	SCO	(0-4)	(0-4)	(44-45)
Sample Date:		11/14/2007	11/14/07	11/16/2007
Total BTEX (mg/kg)	NE	ND	ND	ND
Total PAHs (mg/kg)	NE	ND	ND	ND
Total PCBs (mg/kg)	1.0	ND	ND	ND
Lead (mg/kg)	400	<b>12.7 J</b>	<b>7.4 J</b>	<b>1.4 J</b>

Sample Location:	Residential	MS-GP-09	Dup. of MS-GP-09	MS-GP-09
Sample Depth (ft. bgs):	SCO	(1-5)	(1-5)	(15-17)
Sample Date:		2/19/2009	2/19/2009	2/19/2009
Total BTEX (mg/kg)	NE	ND	<b>0.00039</b>	ND
Total PAHs (mg/kg)	NE	<b>1.27</b>	<b>1.19</b>	<b>0.174</b>
Total PCBs (mg/kg)	1	NA	NA	NA
Lead (mg/kg)	400	<b>65.2 J</b>	<b>78.8 J</b>	<b>5.6 J</b>

Sample Location:	Residential	MS-GP-05A
Sample Depth (ft. bgs):	SCO	(71-73)
Sample Date:		12/7/2007
Total BTEX (mg/kg)	NE	ND
Total PAHs (mg/kg)	NE	ND
Total PCBs (mg/kg)	1.0	ND
Lead (mg/kg)	400	<b>2.9 J</b>

Sample Location:	Residential	MS-GP-07	MS-GP-07
Sample Depth (ft. bgs):	SCO	(1-5)	(19-20)
Sample Date:		2/19/2009	2/19/2009
Total BTEX (mg/kg)	NE	ND	ND
Total PAHs (mg/kg)	NE	<b>0.582</b>	ND
Total PCBs (mg/kg)	1	NA	NA
Lead (mg/kg)	400	<b>72.5 J</b>	<b>2.7 J</b>

Sample Location:	Residential	MS-GP-11	MS-GP-11
Sample Depth (ft. bgs):	SCO	(1-4)	(9-10)
Sample Date:		2/20/2009	2/20/2009
Total BTEX (mg/kg)	NE	<b>0.00095</b>	ND
Total PAHs (mg/kg)	NE	<b>5.989</b>	ND
Total PCBs (mg/kg)	1	NA	NA
Lead (mg/kg)	400	<b>19 J</b>	<b>7.7 J</b>

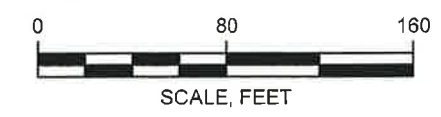
**LEGEND:**

- PROPERTY BOUNDARY (APPROXIMATE)
- FORMER HORTONSPHERE SITE BOUNDARY (APPROXIMATE)
- HISTORIC STRUCTURE LOCATION
- SOIL BORING LOCATION/GEOPROBE®
- TEMPORARY GROUNDWATER SAMPLING LOCATION
- SOIL BORING LOCATION/MONITORING WELL LOCATION
- SOIL BORING LOCATION

NE not established  
 ND not detected; total concentration is listed as ND because no compounds were detected in the group  
 J estimated value  
**BOLD** indicates detected result  
**BOLD** indicates the result exceeds Residential SCO  
 mg/kg milligrams/kilogram or parts per million (ppm)  
 ft bgs feet below ground surface  
 BTEX benzene, toluene, ethylbenzene, and xylene  
 PAHs polycyclic aromatic hydrocarbons  
 PCBs polychlorinated biphenyls

**NOTE:**  
 Residential SCO – Established in the New York Code of Rules and Regulations, Title 6, Chapter 100, Part 700-705, Subpart 375-6: Remedial Program Soil Cleanup Objectives for Restricted Use Residential

- SOURCES:**
1. Orthophoto obtained from New York State Interactive Mapping Gateway (<http://www1.nysgis.state.ny.us/MainMap.cfm>) photo date: 2004, accessed 10/04/07.
  2. Land and Tax Map, Sec. 2, Blk. 347, Nassau County Department of Assessment, Sheet 1 of 1, Revised date: April 18., 2003, Scale: 1" = 100', map obtained from: <http://www.nassaucountyny.gov>.
  3. 1950 Sanborn Fire Insurance Map.
  4. Manhasset Hortonsphere Property Maps Parcel Nos. 24.1, 24.2, and 23 Long Island Lighting Company, Mineola, N.Y.
  5. Survey of existing conditions and sample locations conducted by GEI Consultants, Inc. on 12/10 and 12/18/07. Survey by New York state licensed land surveyor number 050146. Horizontal datum: New York State Plane coordinate system (Long Island Zone, North American Datum (NAD)83). Vertical datum: North American Vertical Datum (NAVD) 88.
  6. Survey of additional sample locations conducted by GEI Consultants, Inc. on 3/11/09. Survey by New York state licensed land surveyor number 050146. Horizontal datum: New York State Plane coordinate system (Long Island Zone, North American Datum (NAD)83). Vertical datum: North American Vertical Datum (NAVD) 88.



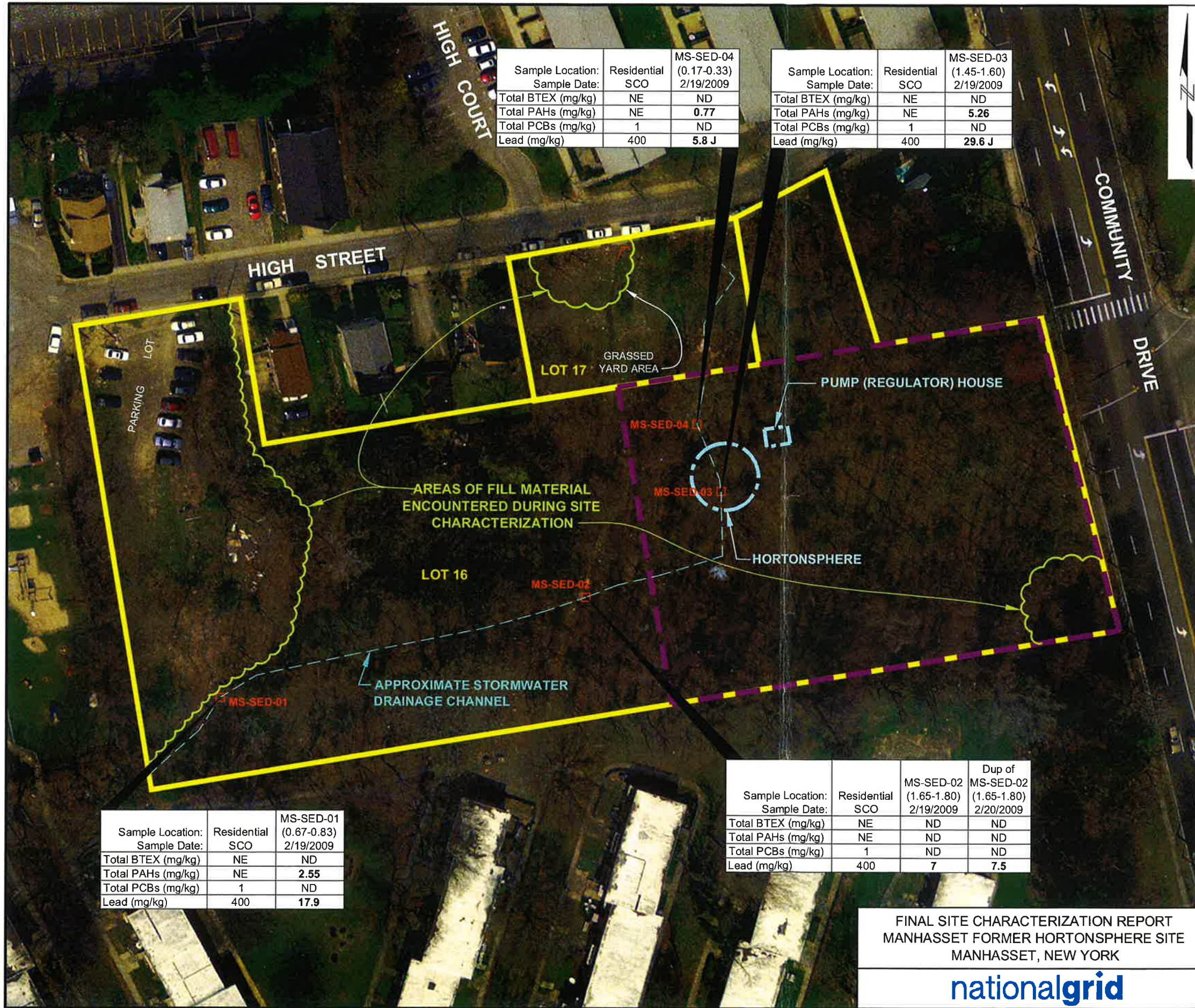
FINAL SITE CHARACTERIZATION REPORT  
 MANHASSET FORMER HORTONSPHERE SITE  
 MANHASSET, NEW YORK

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**GEI** Consultants

**SUBSURFACE SOIL ANALYTICAL SUMMARY (mg/kg)**

Project 093000-8-1801 August 2011 Figure 11



Sample Location:	Residential	MS-SED-04
Sample Date:	SCO	(0.17-0.33)
		2/19/2009
Total BTEX (mg/kg)	NE	ND
Total PAHs (mg/kg)	NE	<b>0.77</b>
Total PCBs (mg/kg)	1	ND
Lead (mg/kg)	400	<b>5.8 J</b>

Sample Location:	Residential	MS-SED-03
Sample Date:	SCO	(1.45-1.60)
		2/19/2009
Total BTEX (mg/kg)	NE	ND
Total PAHs (mg/kg)	NE	<b>5.26</b>
Total PCBs (mg/kg)	1	ND
Lead (mg/kg)	400	<b>29.6 J</b>

Sample Location:	Residential	MS-SED-02	Dup of
Sample Date:	SCO	(1.65-1.80)	MS-SED-02
		2/19/2009	(1.65-1.80)
		2/20/2009	
Total BTEX (mg/kg)	NE	ND	ND
Total PAHs (mg/kg)	NE	ND	ND
Total PCBs (mg/kg)	1	ND	ND
Lead (mg/kg)	400	<b>7</b>	<b>7.5</b>

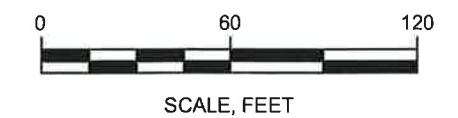
Sample Location:	Residential	MS-SED-01
Sample Date:	SCO	(0.67-0.83)
		2/19/2009
Total BTEX (mg/kg)	NE	ND
Total PAHs (mg/kg)	NE	<b>2.55</b>
Total PCBs (mg/kg)	1	ND
Lead (mg/kg)	400	<b>17.9</b>

**LEGEND:**

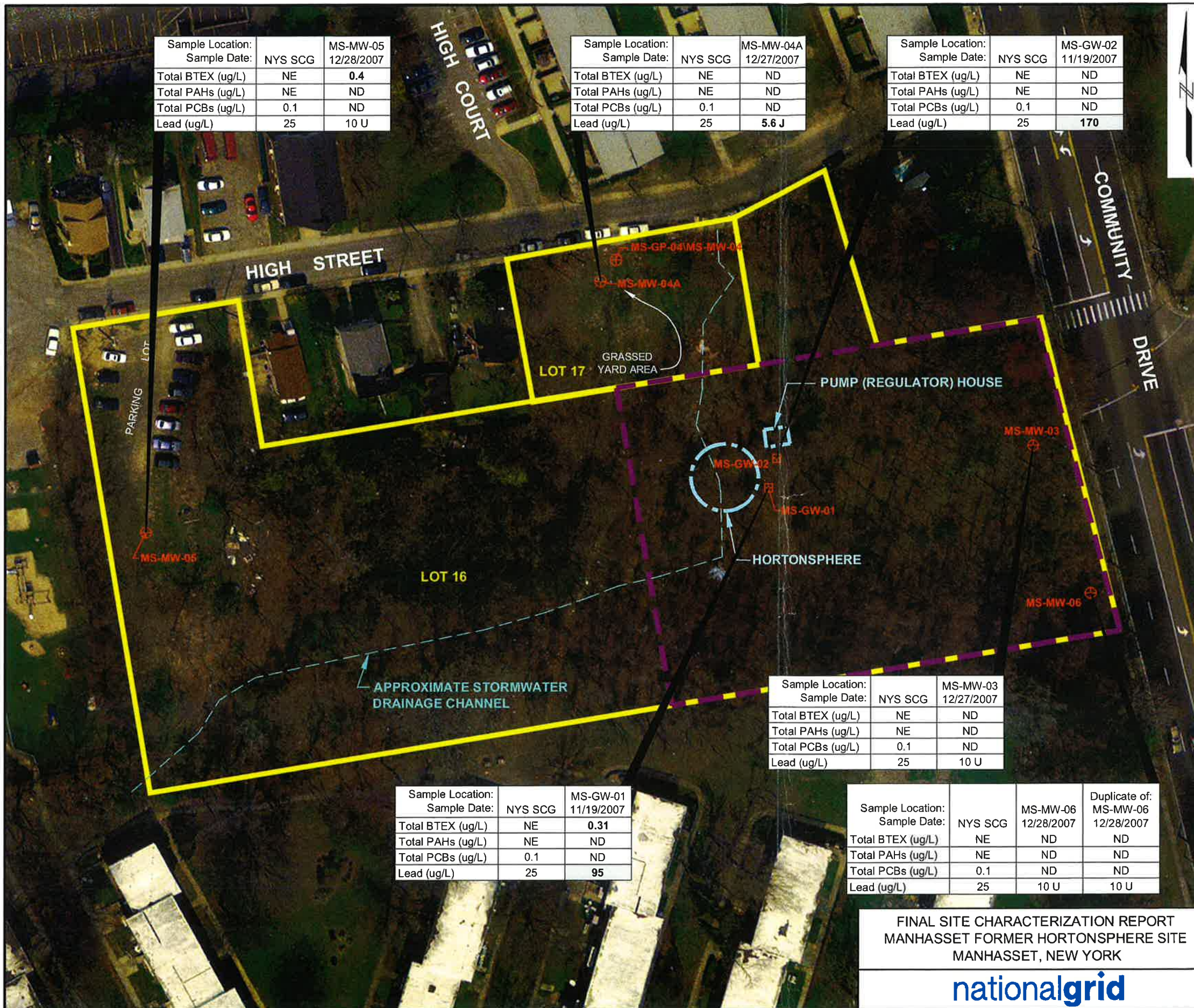
- PROPERTY BOUNDARY (APPROXIMATE)
- FORMER HORTONSHERE SITE BOUNDARY (APPROXIMATE)
- HISTORIC STRUCTURE LOCATION
- MS-SED-01 □ SEDIMENT SAMPLE LOCATION
- NE not established
- ND not detected; total concentration is listed as ND because no compounds were detected in the group
- J estimated value
- BOLD** indicates detected result
- BOLD** indicates the result exceeds Residential SCO
- mg/kg milligrams/kilogram or parts per million (ppm)
- ft bgs feet below ground surface
- BTEX benzene, toluene, ethylbenzene, and xylene
- PAHs polycyclic aromatic hydrocarbons
- PCBs polychlorinated biphenyls

**NOTE:**  
Residential SCO – Established in the New York Code of Rules and Regulations, Title 6, Chapter 100, Part 700-705, Subpart 375-6: Remedial Program Soil Cleanup Objectives for Restricted Use Residential

- SOURCES:**
1. Orthophoto obtained from New York State Interactive Mapping Gateway (<http://www1.nysgis.state.ny.us/MainMap.cfm>) photo date: 2004, accessed 10/04/07.
  2. Land and Tax Map, Sec. 2, Blk. 347, Nassau County Department of Assessment, Sheet 1 of 1, Revised date: April 18., 2003, Scale: 1" = 100', map obtained from: <http://www.nassaucountyny.gov>.
  3. 1950 Sanborn Fire Insurance Map.
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Sample Location:	NYS SCG	MS-MW-05
Sample Date:		12/28/2007
Total BTEX (ug/L)	NE	<b>0.4</b>
Total PAHs (ug/L)	NE	ND
Total PCBs (ug/L)	0.1	ND
Lead (ug/L)	25	10 U

Sample Location:	NYS SCG	MS-MW-04A
Sample Date:		12/27/2007
Total BTEX (ug/L)	NE	ND
Total PAHs (ug/L)	NE	ND
Total PCBs (ug/L)	0.1	ND
Lead (ug/L)	25	<b>5.6 J</b>

Sample Location:	NYS SCG	MS-GW-02
Sample Date:		11/19/2007
Total BTEX (ug/L)	NE	ND
Total PAHs (ug/L)	NE	ND
Total PCBs (ug/L)	0.1	ND
Lead (ug/L)	25	<b>170</b>

Sample Location:	NYS SCG	MS-MW-03
Sample Date:		12/27/2007
Total BTEX (ug/L)	NE	ND
Total PAHs (ug/L)	NE	ND
Total PCBs (ug/L)	0.1	ND
Lead (ug/L)	25	10 U

Sample Location:	NYS SCG	MS-GW-01
Sample Date:		11/19/2007
Total BTEX (ug/L)	NE	<b>0.31</b>
Total PAHs (ug/L)	NE	ND
Total PCBs (ug/L)	0.1	ND
Lead (ug/L)	25	<b>95</b>

Sample Location:	NYS SCG	MS-MW-06	Duplicate of:
Sample Date:		12/28/2007	MS-MW-06
Total BTEX (ug/L)	NE	ND	ND
Total PAHs (ug/L)	NE	ND	ND
Total PCBs (ug/L)	0.1	ND	ND
Lead (ug/L)	25	10 U	10 U

**LEGEND:**

- PROPERTY BOUNDARY (APPROXIMATE)
- FORMER HORTONSHERE SITE BOUNDARY (APPROXIMATE)
- HISTORIC STRUCTURE LOCATION
- TEMPORARY GROUNDWATER SAMPLING LOCATION
- MONITORING WELL LOCATION
- GROUNDWATER CONTOUR (FEET NAVD)
- GROUNDWATER ELEVATION (FEET NAVD)
- INFERRED GROUNDWATER FLOW DIRECTION
- NAVD: NORTH AMERICAN VERTICAL DATUM
- NE: no exceedances of specified NYSDEC standard
- ND: not detected; total concentration is listed as ND because no compounds were detected in the group
- J: estimated value
- U: indicates not detected to the reporting limit for organic analysis and the method detection limit for inorganic analysis
- BOLD**: indicates detected result
- BOLD**: indicates that the detected result value exceeds established NYS SCGs
- ug/L: micrograms per liter or parts per billion (ppb)
- BTEX: benzene, toluene, ethylbenzene, and xylene
- PAHs: polycyclic aromatic hydrocarbons
- PCBs: polychlorinated biphenyls

**NOTE:**  
 NYS SCG - New York State Department of Environmental Conservation Standards, Criteria, and Guidelines Ambient Water Quality Standards for GA Groundwater

- SOURCES:**
1. Orthophoto obtained from New York State Interactive Mapping Gateway (<http://www1.nysgis.state.ny.us/MainMap.cfm>) photo date: 2004, accessed 10/04/07.
  2. Land and Tax Map, Sec. 2, Blk. 347, Nassau County Department of Assessment, Sheet 1 of 1, Revised date: April 18, 2003, Scale: 1" = 100', map obtained from: <http://www.nassaucountyny.gov>.
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FINAL SITE CHARACTERIZATION REPORT  
 MANHASSET FORMER HORTONSHERE SITE  
 MANHASSET, NEW YORK

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**GEI** Consultants

Project 093000-8-1801 August 2011 Figure 13

**DISSOLVED PHASE GROUNDWATER ANALYTICAL SUMMARY (ug/L)**

## Appendix A

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### Work Plan Approval Letter and Change Order

**New York State Department of Environmental Conservation**  
**Division of Environmental Remediation, Region One**  
Stony Brook University  
50 Circle Road, Stony Brook, New York 11790 - 3409  
Phone: (631) 444-0240 • FAX: (631) 444-0248  
Website: www.dec.state.ny.us



October 5, 2007

Thomas Campbell  
Manager - MGP Programs, L.I.  
KeySpan Corporation  
175 East Old Country Road  
Hicksville, NY 11801

**Re: Draft Site Characterization Work Plan  
Manhasset Hortonsphere Site  
43 High Street  
Manhasset, New York**

Dear Mr. Campbell:

The New York State Department of Environmental Conservation (the Department), the New York State Department of Health (NYSDOH) and the Suffolk County Department of Health Services (SCDHS) have reviewed KeySpan Corporation's (KeySpan) Draft Site Characterization Work Plan for the Port Jefferson Hortonsphere site. The plan was developed by KeySpan's Consultant, GEI. Based on the review, the Department offers the following comments:

**General Comments:**

1. **GroundWater Flow Direction:** The proposed site characterization work plan includes the installation of five (5) temporary groundwater monitoring points, MS-GW-01 through MS-GW-04. Following installation, the points are to be surveyed for location and elevation. It is suggested that a synoptic round of water level measurements be collected from the monitoring points and the direction of the groundwater flow determined. Section 4.2 of the plan states the anticipated direction of groundwater flow is to the east.
2. **TAL Metals:** The metals analysis that is proposed for the soil samples collected as part of this investigation is the Target Analyte List (TAL) Metals by EPA 6000/7000 series. To be consistent, it is suggested that TAL metals be included as part of the parameter list for the ground water samples that are to be collected as part of the investigation, not eight (8) RCRA metals that is currently proposed.

3. Sulfur Analysis: The manufactured gas that was stored in the Manhasset Hortonsphere was most likely processed natural gas that was tasteless and odorless. Before this gas was distributed to end-users, it was often odorized by adding small amounts of odorants, such as dimethyl sulfide and other sulfur compounds, to assist in leak detection. Thus, it is suggested that sulfur be included in the analysis of samples collected as part of this investigation.
4. Hortonsphere filling/distribution Process information: To ensure we have properly investigated the former Manhasset Hortonsphere site, it is recommended that a detailed discussion of the technology and operational information that was used in the storage and distribution of the gas be provided. Information should include, but not limited to; storage volume, storage tank maintenance requirement and supply network. In addition, details regarding the piping distribution system, such as the location of condensate traps, should be provided.
5. Soil Vapor Sampling: The proposed work plan includes the collection of a total of four temporary soil vapor sampling points. It is suggested that a fifth soil vapor sampling point, located along the southern portion of the site, be included. In addition, Please revise the text to include that the vapor samples are to be collected in accordance to New York State Department of Health's "*Guidance for Evaluating Soil Vapor Intrusion in the State of New York*".

#### Specific Comments:

1. MS-SS-06: Section 5.3.3 indicates that a minimum of six surface soil samples and Table 2 discusses the rationale and sample description of MS-SS-06. Only five proposed samples location are depicted on Figure 2. Please revise Figure 2 to include the proposed location of MS-SS-06.
2. MS-GP-02: MS-GP-02 is incorrectly labeled on Figure 2 as MS-GP-03. Please revise Figure.
3. Soil Boring Investigation: Please clarify in Section 5.3.1 that if impacts are observed 10 feet below the water table, the boring will be advanced to approximately five feet beyond observed visual impacts to a maximum depth of 40 feet below the water table.
4. Soil Vapor Sampling: The proposed depth of the soil vapor samples that are to be collected as part of this plan is approximately two feet below grade. In accordance to New York State Department of Health's *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, soil vapor samples collected at depths shallower than 5 feet below grade may be prone to negative bias due to infiltration of outdoor air. The Department is suggesting that the soil vapor probes be advance to a depth of five (5) feet below grade to ensure a representative vapor sample is obtained . In Addition, the work plan should clarify the volume of summa canisters and the reporting limits for the laboratory results.
5. Figure 3: The Nearby Land Use Map, Figure 3, should identify the surrounding buildings that are depicted on the map, including the nearby day care facility.

Please call me at (631)-444-0242 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "John C. Sheehan".

John C. Sheehan  
Engineering Geologist I

cc: W. Parish, NYSDEC  
C. Vasudevan, NYSDEC  
G. Bobersky, NYSDEC  
R. Weitzman, NCDH  
R. Ockerby, NYSDOH  
G. Iadarola, GEI

ec: W. Parish, NYSDEC  
C. Vasudevan, NYSDEC  
G. Bobersky, NYSDEC  
R. Weitzman, NCDH  
R. Ockerby, NYSDOH  
T. Leissing, KeySpan  
G. Iadarola, GEI  
L. Willey, GEI

Sincerely,

A handwritten signature in cursive script that reads "John C. Sheehan".

John C. Sheehan  
Project Manager

cc: W. Parish, NYSDEC  
C. Vasudevan, NYSDEC  
G. Bobersky, NYSDEC  
R. Weitzman, NCDH  
R. Ockerby, NYSDOH  
T. Leissing, National Grid  
J. Zak, GEI  
L. Willey, GEI

1. Temporary Groundwater Monitoring Well MS-MW-05: The SC Summary Package indicates in Section 3.4, *Groundwater*, that groundwater samples were collected from the four site monitoring wells. Please include monitoring well MS-MW-05 in the list of four monitoring wells; monitoring well MS-MW-03 is listed twice.
2. Conclusions: The SC summary package indicates in Section 4.0, *Conclusions*, that “the lack of VOCs in soil and groundwater samples indicates that there is no on-site source for the VOCs in soil vapor and there are no occupied buildings on the site, and therefore no exposure pathway from soil vapor”. The lack of contaminants in soil and groundwater samples does not definitely exclude the possibility of an on-site source for the VOCs in soil vapor. The Department is requesting that the conclusion be revised to potentially state “there is no apparent on-site source for the VOCs detected in the soil vapor.” While there may not be a VOC source located on-site and since there are no buildings on the property, the potential for exposure via soil vapor intrusion on-site does not exist. However, construction, utility and other workers can be exposed to soil vapor if they were to disturb the sub surface soils. The final bullet item should be revised to reflect this potential exposure pathway.
3. Table 5, Soil Vapor and Ambient Air Analytical Results Summary: The SC summary package presents in Table 5, *Soil Vapor and Ambient Air Analytical Results Summary*, the results of the soil vapor samples collected as part of the SC. The Department is requesting that the table be revised in order to assist in evaluating the data collected. To help evaluate the data, please amend the table by moving the column presenting the Outdoor Air (MS-OA-01) results from 2/24/2009 adjacent to the correlating soil vapor samples collected on that same day (2/24/2009).

The objective of the SC was to implement all of the necessary tasks to evaluate soils, groundwater and soil vapor at the site to determine if the operation of the former Hortonsphere had impacted the environment. With the submittal and subsequent approval of the draft Final SC report, the Department will be satisfied that the objective of the SC was achieved and thus the characterization of the Manhasset Hortonsphere site will have concluded and we can proceed to the next element of the project.

Pursuant to Paragraph II.E of the above referenced Order, and 6 NYCRR 375-1.6(d)(3), please notify the Department within fifteen (15) days whether National Grid elects to modify the draft SC report consistent with all the comments noted above or whether National Grid elects to invoke dispute resolution. If National Grid elects to modify the draft SC Report, please provide a revised submittal addressing all of the above comments no later than thirty (30) days after such election.

Should you have questions or would like to discuss the above comments, please contact me at (631)-444-0247 or via email at [jcsheeha@gw.dec.state.ny.us](mailto:jcsheeha@gw.dec.state.ny.us). Thank you for your cooperation regarding this matter.



Sincerely,

A handwritten signature in cursive script that reads "John C. Sheehan". The signature is written in black ink and is positioned above the printed name and title.

John C. Sheehan  
Project Manager

cc: W. Parish, NYSDEC  
C. Vasudevan, NYSDEC  
G. Bobersky, NYSDEC  
R. Ockerby, NYSDOH  
B. Weitzman, NCHD  
T. Leissing, National Grid  
J. Zak, GEI  
L. Willey, GEI

## Appendix B

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### Representative Site Photographs

GEI Consultants, Inc.  
PHOTOGRAPHIC RECORD

---

Project: Manhasset Hortonsphere  
Site Characterization  
Location: High Street, Manhasset, NY



Photographer: K. Barber  
Date: 10/25/07  
Photo No.: 1  
Direction: NE

Comments:  
Photograph of the drainage  
channel.



Photographer: G. Iadarola  
Date: 5/23/07  
Photo No.: 2  
Direction: S

Comments:  
Photograph of the entrance to  
site on High Street, former  
Hortonsphere location in the  
distance.

**GEI Consultants, Inc.**

**PHOTOGRAPHIC RECORD**

---

**Project: Manhasset Hortonsphere**  
**Site Characterization**  
**Location:: High Street, Manhasset, NY**



**Photographer:** G. Iadarola  
**Date:** 5/23/07  
**Photo No.:** 3  
**Direction:** S

**Comments:**  
Photograph of the entrance to site on the western end of High Street.



**Photographer:** G. Iadarola  
**Date:** 5/23/07  
**Photo No.:** 4  
**Direction:** E

**Comments:**  
Photograph of the western wooded area of the site.

**GEI Consultants, Inc.**

**PHOTOGRAPHIC RECORD**

---

**Project: Manhasset Hortonsphere**  
**Site Characterization**  
**Location:: High Street, Manhasset, NY**



**Photographer:** G. Iadarola

**Date:** 5/23/07

**Photo No.:** 5

**Direction:** W

**Comments:**  
Photograph of the adjacent  
playground.



**Photographer:** G. Iadarola

**Date:** 5/23/07

**Photo No.:** 6

**Direction:** N

**Comments:**  
Photograph of the western  
portion of the site and High  
Street.

## Appendix C

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### Historical Documents

## **The EDR Aerial Photo Decade Package**

**Manhasset Hortonshpere Site  
43 High Street  
Manhasset, NY 11030**

**Inquiry Number: 1898554.5**

**April 10, 2007**



**EDR® Environmental  
Data Resources Inc**

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# EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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with any questions or comments.

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**Date EDR Searched Historical Sources:**

Aerial Photography April 10, 2007

**Target Property:**

43 High Street

Manhasset, NY 11030

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1954	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-G6/Flight Date: February 19, 1954	EDR
1966	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-G6/Flight Date: February 23, 1966	EDR
1976	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-G6/Flight Date: March 29, 1976	EDR
1980	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-G6/Flight Date: April 06, 1980	EDR
1994	Aerial Photograph. Scale: 1"=833'	Panel #: 2440073-G6/Flight Date: April 04, 1994	EDR

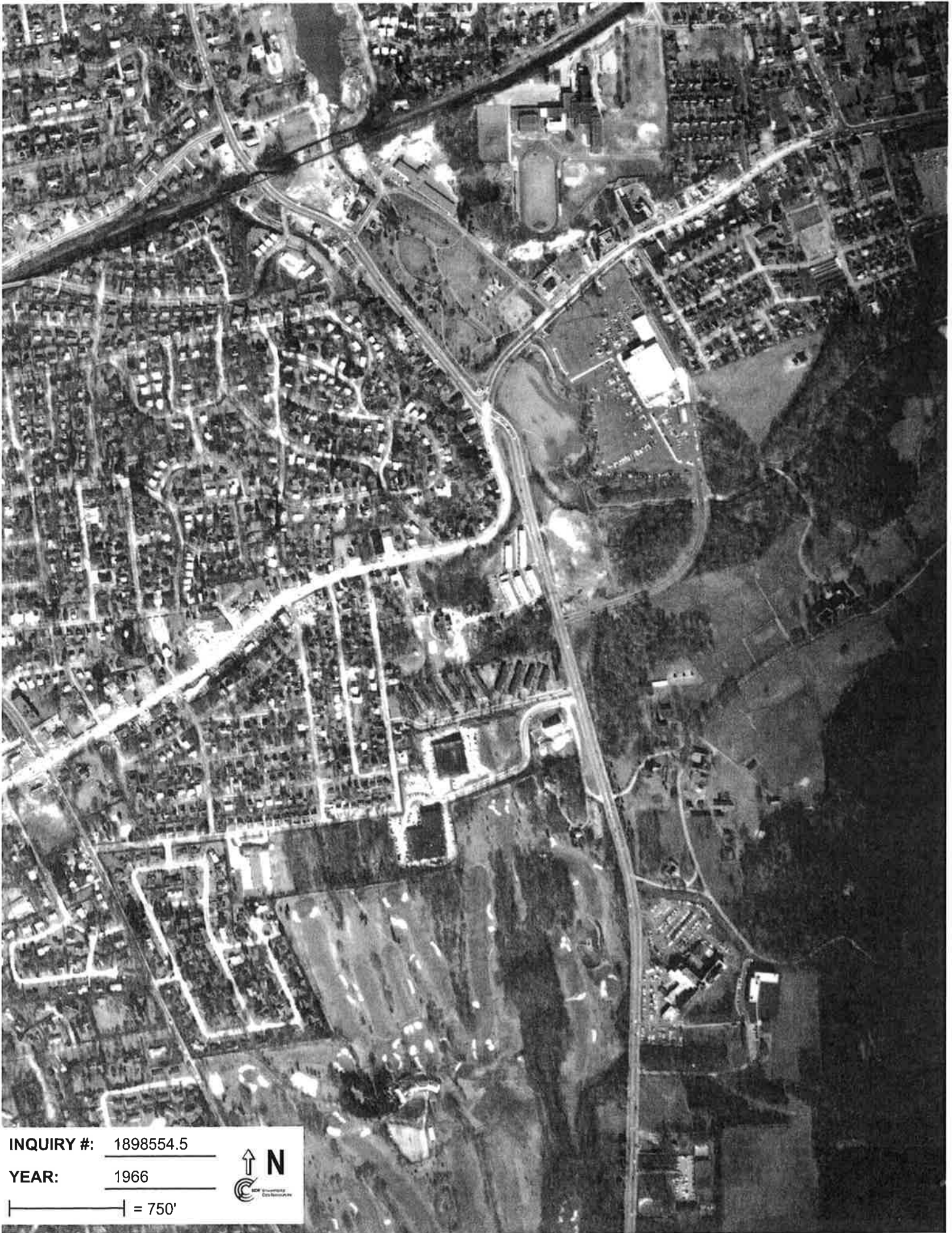


INQUIRY #: 1898554.5

YEAR: 1954

| = 750'





INQUIRY #: 1898554.5

YEAR: 1966

| = 750'





INQUIRY #: 1898554.5

YEAR: 1976

| = 750'





189854.5

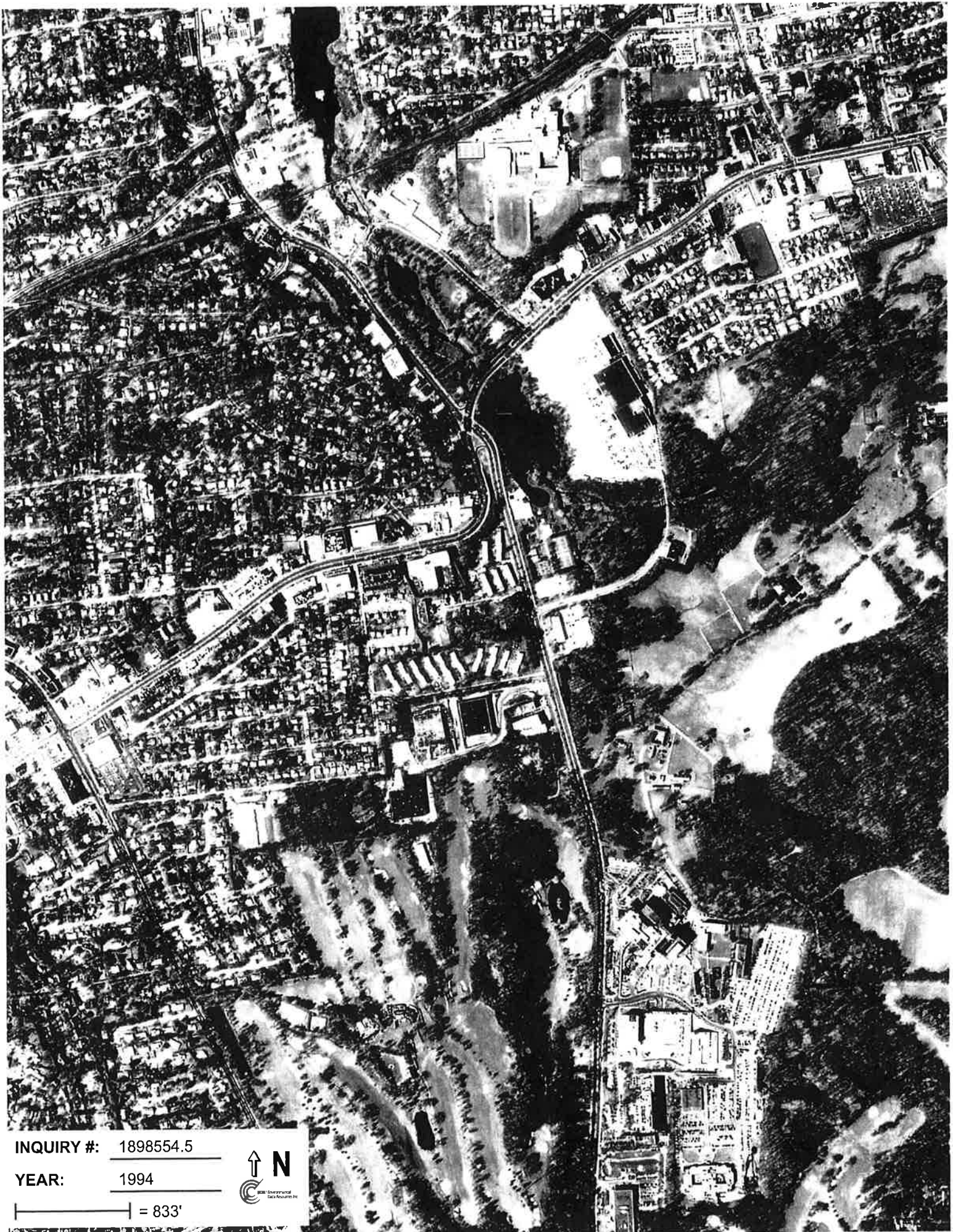
15-1726

INQUIRY #: 189854.5

YEAR: 1980

| = 750'





INQUIRY #: 1898554.5

YEAR: 1994

— = 833'





**EDR**® Environmental  
Data Resources Inc

# **EDR Historical Topographic Map Report**

**Manhasset Hortonshpere Site  
43 High Street  
Manhasset, NY 11030**

**Inquiry Number: 1898554.4**

**April 10, 2007**

## **The Standard in Environmental Risk Management Information**

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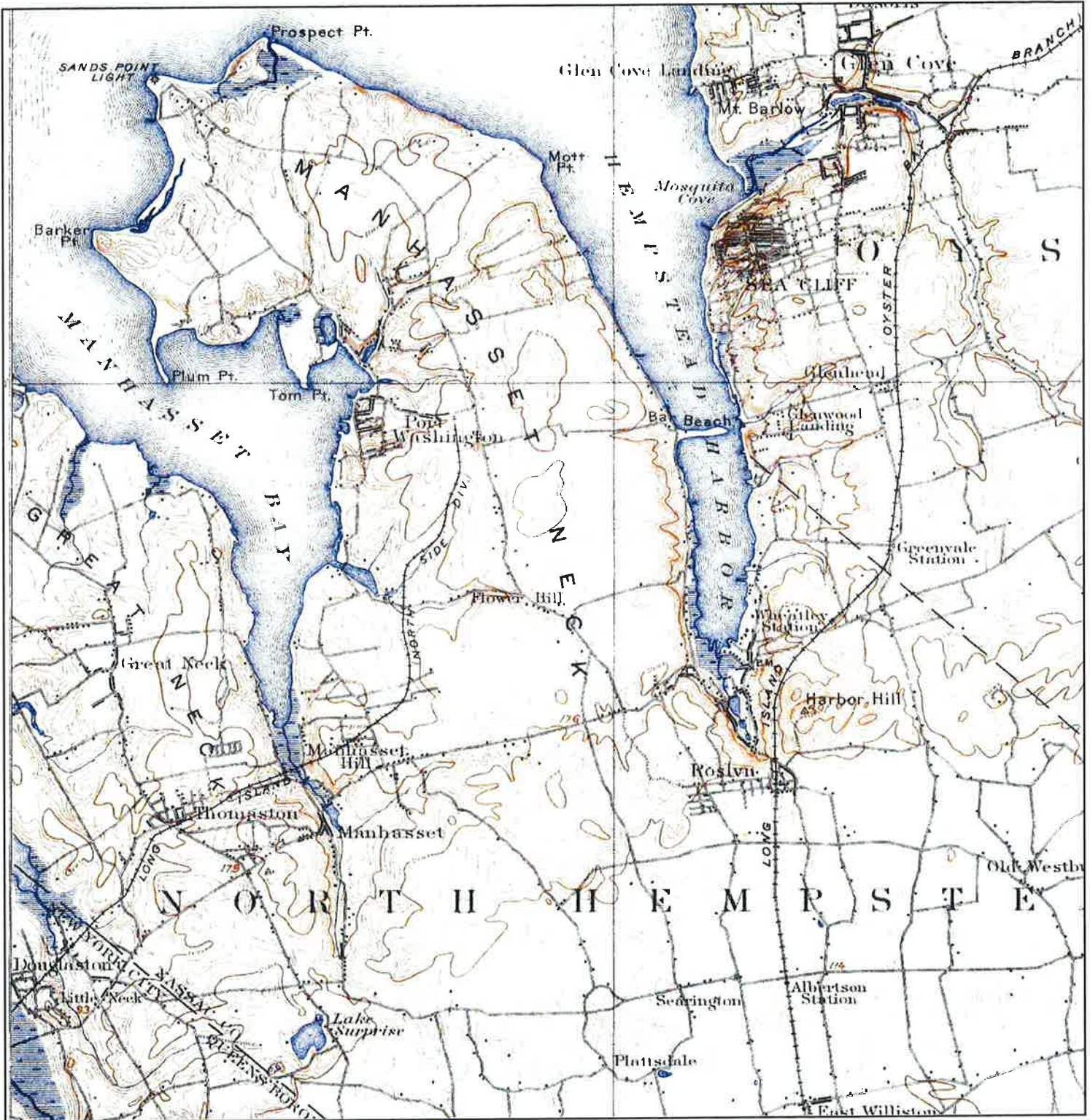
# Historical Topographic Map




<p>N ↑</p>	<p>TARGET QUAD NAME: OYSTER BAY MAP YEAR: 1900</p>	<p>SITE NAME: Manhasset Hortonshpere Site</p>	<p>CLIENT: GEI Consultants Inc.</p>
	<p>SERIES: 15 SCALE: 1:62500</p>	<p>ADDRESS: 43 High Street Manhasset, NY 11030</p> <p>LAT/LONG: 40.7841 / 73.706</p>	<p>CONTACT: Lynn Willey INQUIRY#: 1898554.4 RESEARCH DATE: 04/10/2007</p>

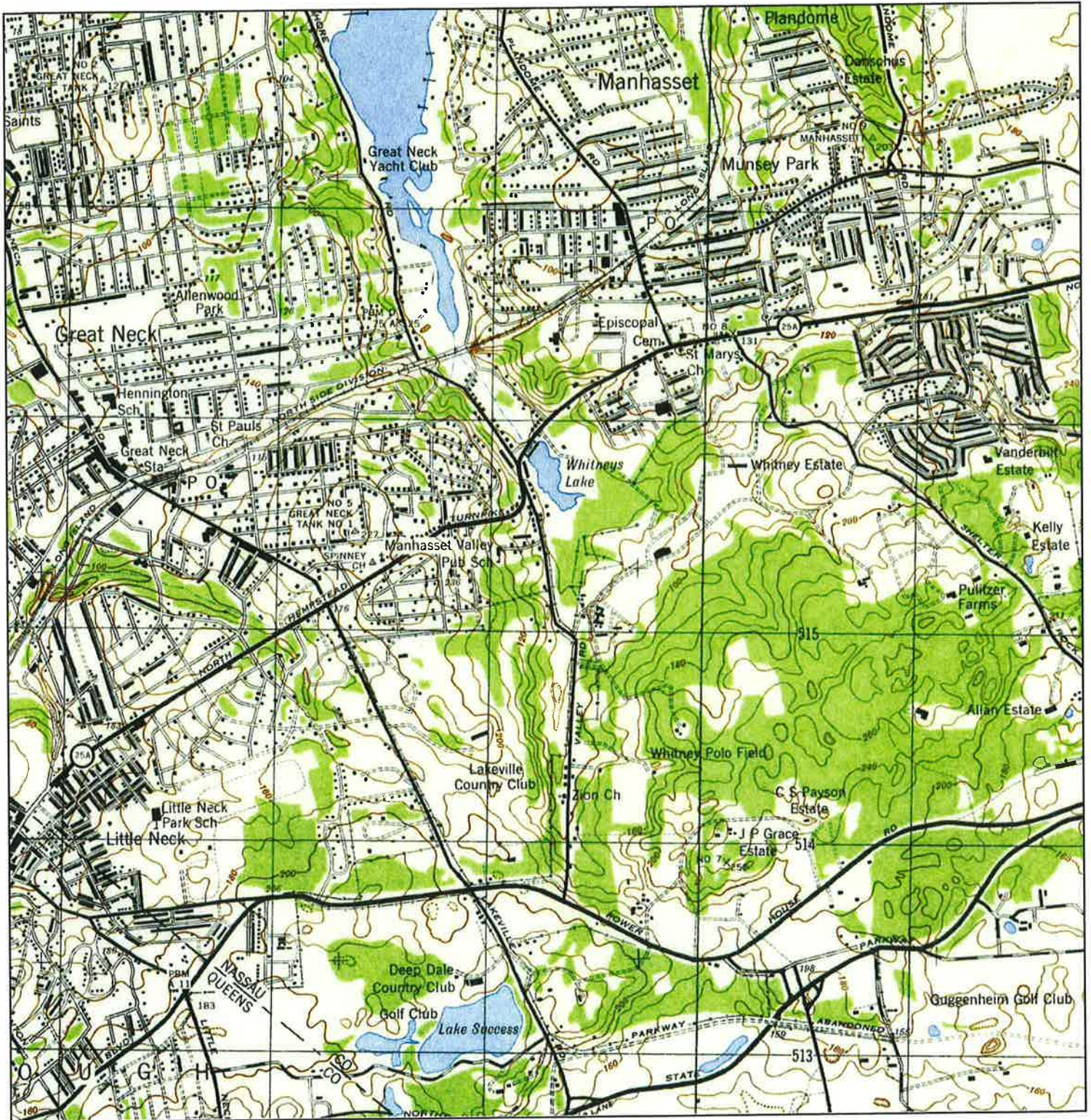



# Historical Topographic Map



<p>N</p> 	TARGET QUAD	SITE NAME:	Manhasset Hortonsphere Site	CLIENT:	GEI Consultants Inc.	
	NAME:	CAMP MILLS	ADDRESS:	43 High Street	CONTACT:	Lynn Willey
	MAP YEAR:	1918		Manhasset, NY 11030	INQUIRY#:	1898554.4
	SERIES:	15	LAT/LONG:	40.7841 / 73.706	RESEARCH DATE:	04/10/2007
	SCALE:	1:62500				

# Historical Topographic Map



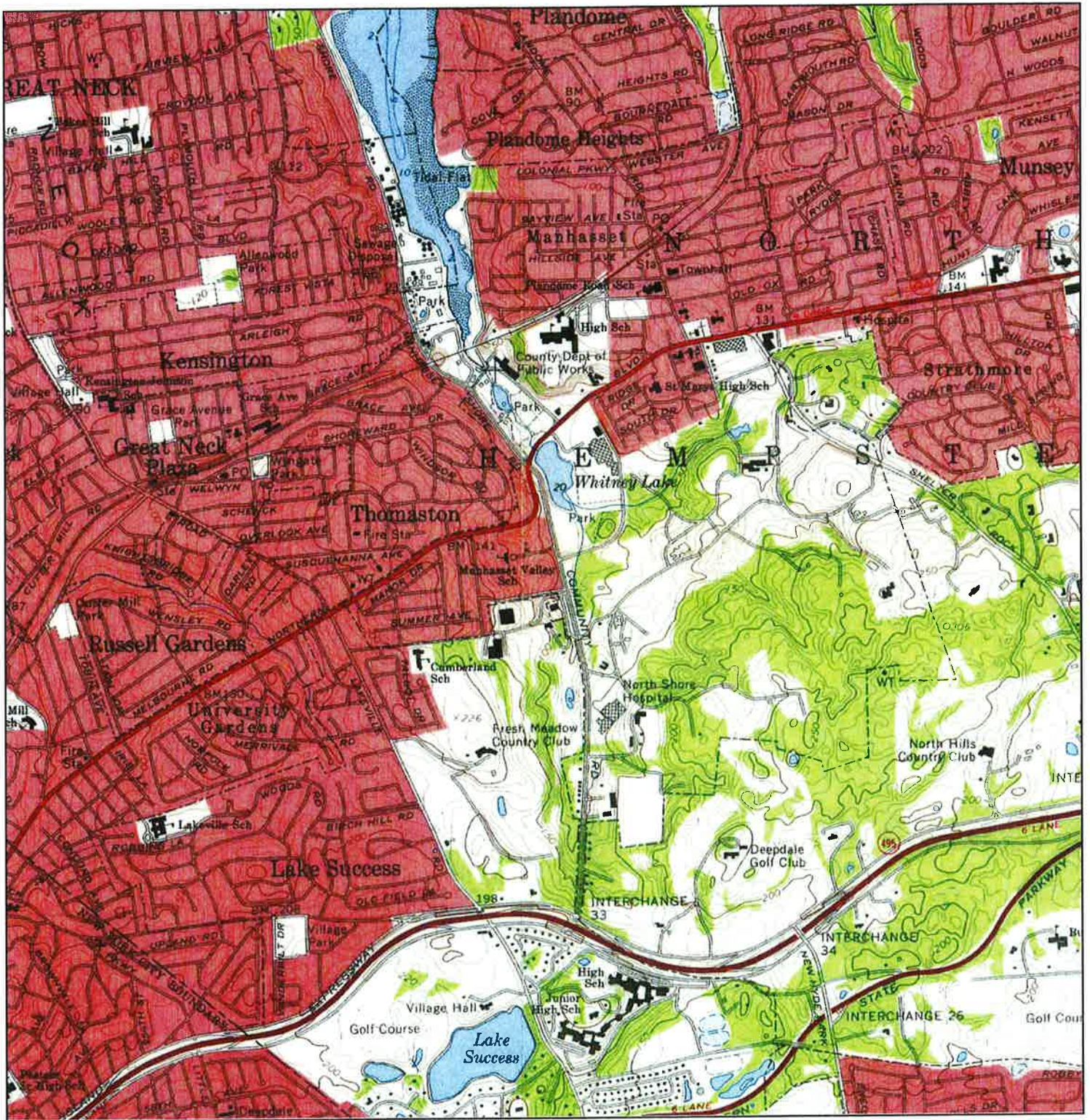
<p>N</p> 	TARGET QUAD	SITE NAME:	Manhasset Hortonsphere Site	CLIENT:	GEI Consultants Inc.
	NAME: SEA CLIFF	ADDRESS:	43 High Street	CONTACT:	Lynn Willey
	MAP YEAR: 1947		Manhasset, NY 11030	INQUIRY#:	1898554.4
	SERIES: 7.5	LAT/LONG:	40.7841 / 73.706	RESEARCH DATE:	04/10/2007
	SCALE: 1:25000				

# Historical Topographic Map



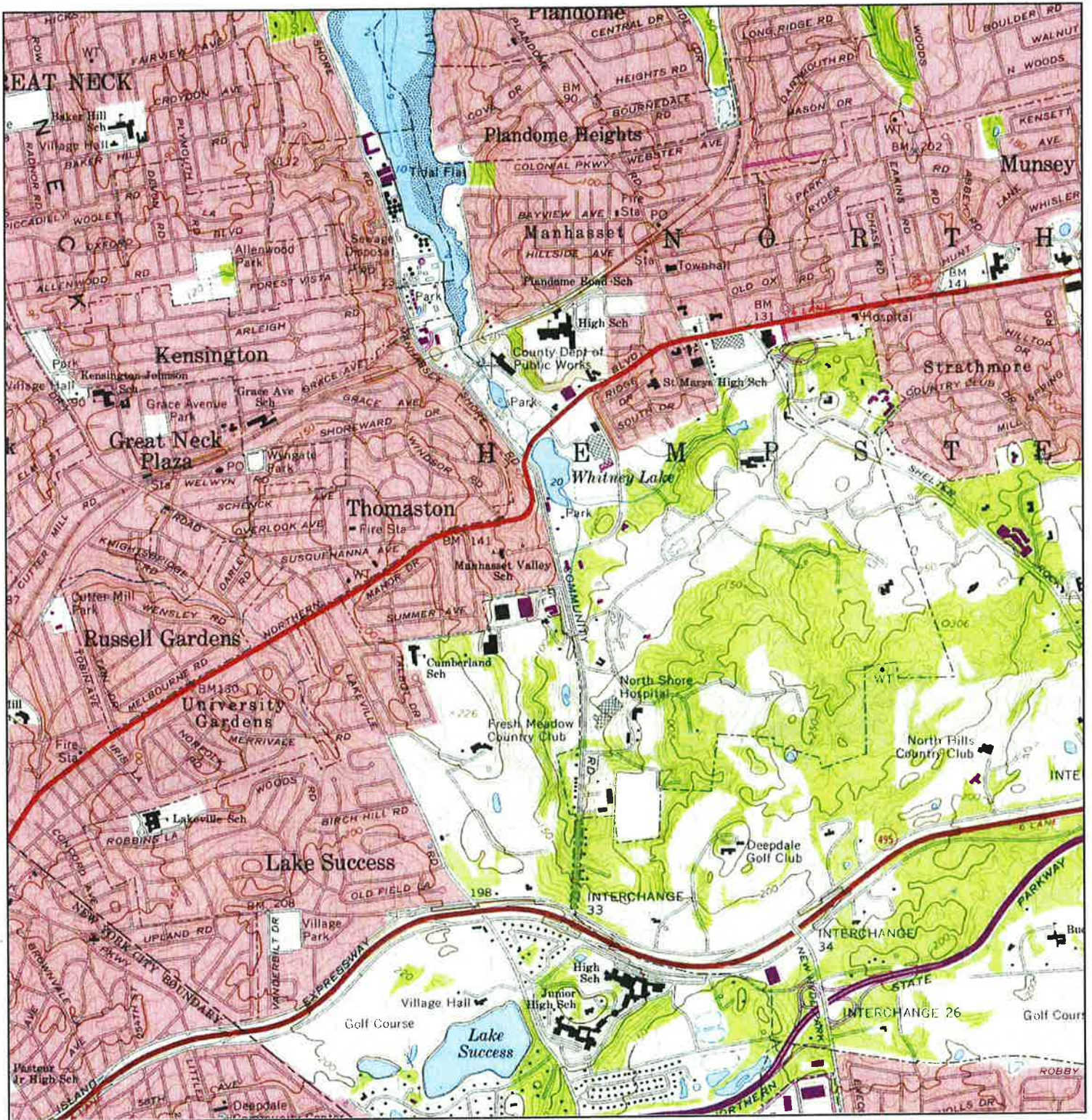
<p>N</p> <p>↑</p>	<p>TARGET QUAD</p> <p>NAME: SEA CLIFF</p> <p>MAP YEAR: 1954</p>	<p>SITE NAME: Manhasset Hortonshpere Site</p> <p>ADDRESS: 43 High Street Manhasset, NY 11030</p> <p>LAT/LONG: 40.7841 / 73.706</p>	<p>CLIENT: GEI Consultants Inc.</p> <p>CONTACT: Lynn Willey</p> <p>INQUIRY#: 1898554.4</p> <p>RESEARCH DATE: 04/10/2007</p>
	<p>SERIES: 7.5</p> <p>SCALE: 1:24000</p>		

# Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Manhasset Hortonsphere Site	CLIENT:	GEI Consultants Inc.
	NAME: SEA CLIFF	ADDRESS:	43 High Street Manhasset, NY 11030	CONTACT:	Lynn Willey
	MAP YEAR: 1968	LAT/LONG:	40.7841 / 73.706	INQUIRY#:	1898554.4
	SERIES: 7.5			RESEARCH DATE:	04/10/2007
	SCALE: 1:24000				

# Historical Topographic Map



N ↑	TARGET QUAD	SITE NAME:	Manhasset Hortonsphere	CLIENT:	GEI Consultants Inc.
	NAME: SEA CLIFF	ADDRESS:	43 High Street	CONTACT:	Lynn Willey
	MAP YEAR: 1979		Manhasset, NY 11030	INQUIRY#:	1898554.4
	PHOTOREVISED FROM: 1968	LAT/LONG:	40.7841 / 73.706	RESEARCH DATE:	04/10/2007
	SERIES: 7.5				
	SCALE: 1:24000				

gas into the holder when the pressure on the transmission line exceeds 14 pounds and feeds back into the line when the pressure in this drops below 10 pounds. A control switch in series stops the compressor when the holder pressure reaches 60 pounds. By means of long distance gages the operation of this automatic station can be observed by the engineer in the main plant compressor room 2 miles away.

**Spherical High Pressure Gas Holders.** Spherical steel tanks for the storage of gas under high pressure were introduced by the Chicago Bridge and Iron Works. They were named Hortonspheres after George T. Horton, president of that firm. In a paper<sup>51</sup> describing them, Horton has shown that it is necessary in a cylindrical tank with hemispherical ends to make the walls of the cylindrical section twice as thick as those of the hemispherical ends in order to withstand the same pressure, and that hence the weight,  $W$ , of steel for a given storage capacity,  $S$ , is smallest when the cylindrical section is of zero length, that is, when the hemispherical ends meet forming a sphere. While it is an admitted fact that the cost of construction outside of the materials is somewhat greater for the spherical form than the cylindrical form, experience shows that in spherical tanks this increase in construction costs is considerably less than the saving in steel.

An interesting relationship is that if we assume a joint efficiency of 78.5 per cent and a working stress of 13,750 pounds per square inch for the steel, which allows a factor of safety of 4, the weight,  $W$ , in pounds of the steel in the sphere, without including the weight of the joints and supports, is equal to the storage capacity,  $S$ , in cubic feet.

$$W = S$$

Further, the storage capacity of a given sphere varies directly with the absolute pressure, and the thickness of the walls necessary to withstand the pressure also varies directly with the absolute pressure. Hence in a given size of sphere the weight of steel increases directly with storage capacity. Again, if the pressure is kept constant, the storage capacity or volume varies with the *cube* of the radius. Now the stress, and hence the thickness of the steel to withstand a given pressure, varies *directly* with the radius, and the area to be covered with steel varies with the *square* of the radius. Hence the weight of steel to withstand a given pressure in spheres of different sizes increases with the cube of the radius or of the diameter, just the same as does the volume or storage capacity at constant pressure. Therefore, if we disregard the weight of steel in the joints and supports, the amount of steel necessary for a given storage capacity in spherical

high pressure tanks is independent of the number and diameter of the spheres. To illustrate, if we wish to store 500,000 cubic feet of gas, we might do it at 30 pounds pressure in one sphere 78 feet in diameter, in two spheres 62 feet in diameter, or in three spheres 54 feet in diameter, the volume in each of these cases being 250,000 cubic feet. The thickness of the steel necessary to withstand the 30 pound pressure would be respectively 0.64, 0.51, and 0.44 inch. We might also store 500,000 cubic feet of gas under 45 pounds pressure in one sphere 69 feet in diameter, in five spheres 40 feet in diameter, or in six spheres 37 feet in diameter. Each of these combinations gives a volume of 167,000 cubic feet. The thickness of the steel necessary in these cases to withstand the 45 pound pressure is respectively 0.85, 0.49 and 0.46 inch.

In considering the construction, 78 and 69 foot spheres with steel 0.64 and 0.85 inch thick would require butt strap joints, while the other spheres with steel from 0.44 to 0.51 inch could have lap joints. It will be found then that the weight of steel for the 500,000 cubic foot storage capacity would be about 45 per cent greater than the theoretical 500,000 pounds for the spheres which require butt strap joints and about 35 per cent greater for those with lap joints. Horton finds the maximum economy is obtained with steel of  $\frac{7}{16}$  to  $\frac{9}{16}$  inch in thickness. With this material the cost for a given storage in various sizes and numbers of spheres does not vary more than 10 per cent. This permits a great flexibility in the erection of these holders, allowing them to be built in sizes and numbers that best suit the conditions of the available sites and at different times to suit the need of storage capacity. These holders are also fabricated with butt welded joints which reduces the amount of steel required to approximately the theoretical figure above mentioned.<sup>52</sup> For a more detailed discussion of design problems in connection with these holders reference should be made to Horton's paper<sup>51</sup> and to the article by Milbourne.<sup>53</sup> Figure 27 illustrates a Hortonsphere erected for the Long Island Lighting Co. at Farmingdale, New York. It is 57 feet 6 inches in diameter and is designed to store 400,000 cubic feet of gas at 60 pounds gage pressure.

These holders also have the advantage of requiring only moderate foundations. On account of their shape and the fact that gas pressure within tends to keep them spherical, slight settling of the foundations is not serious. Since there are no moving parts and no liquid seals, they require practically no attention, and their maintenance is small. These advantages, together with the fact that a sphere painted with

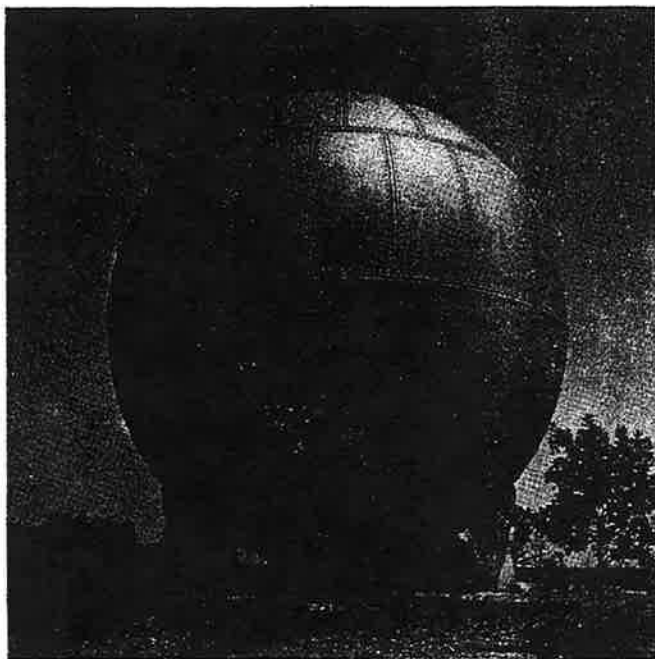


FIG. 27. Hortonsphere High Pressure Gas Holder, 57.5 feet in Diameter.  
(Courtesy of Chicago Bridge & Iron Works, Chicago, Ill.)

aluminum or a suitable colored paint may be easily made to harmonize with the landscape, make the Hortonsphere especially adapted to use for outlying holders in residential districts. Figure 28 shows how well one of these holders, which is 40 feet in diameter and stores 135,000 cubic feet of gas at 60 pounds pressure, blends with the surroundings.

**Purging of High Pressure Holders.** In the purging of high pressure holders there are no moving parts and no sealing liquids to complicate matters. The purging is therefore only a matter of replacing the gas content of a closed container. Figure 29 shows the principal connections to be made for purging horizontal cylindrical and spherical high pressure holders. The connections for a vertical cylindrical holder are similar to those for a spherical holder. In addition test cocks should be provided around the spherical or vertical cylindrical holder about one-third of its vertical height from the top, and at points on the top of the horizontal holder at maximum distances from the standard vent or vents. In the removal of a holder from service

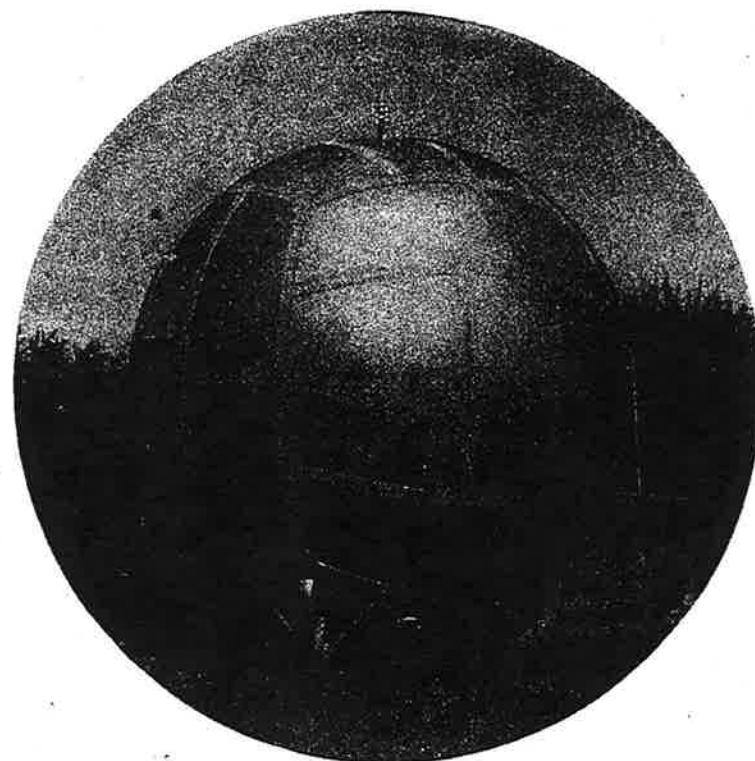


FIG. 28. Hortonsphere High Pressure Gas Holder, 40 feet in Diameter, Blends Well with Background. (Courtesy of Chicago Bridge & Iron Works, Chicago, Ill.)

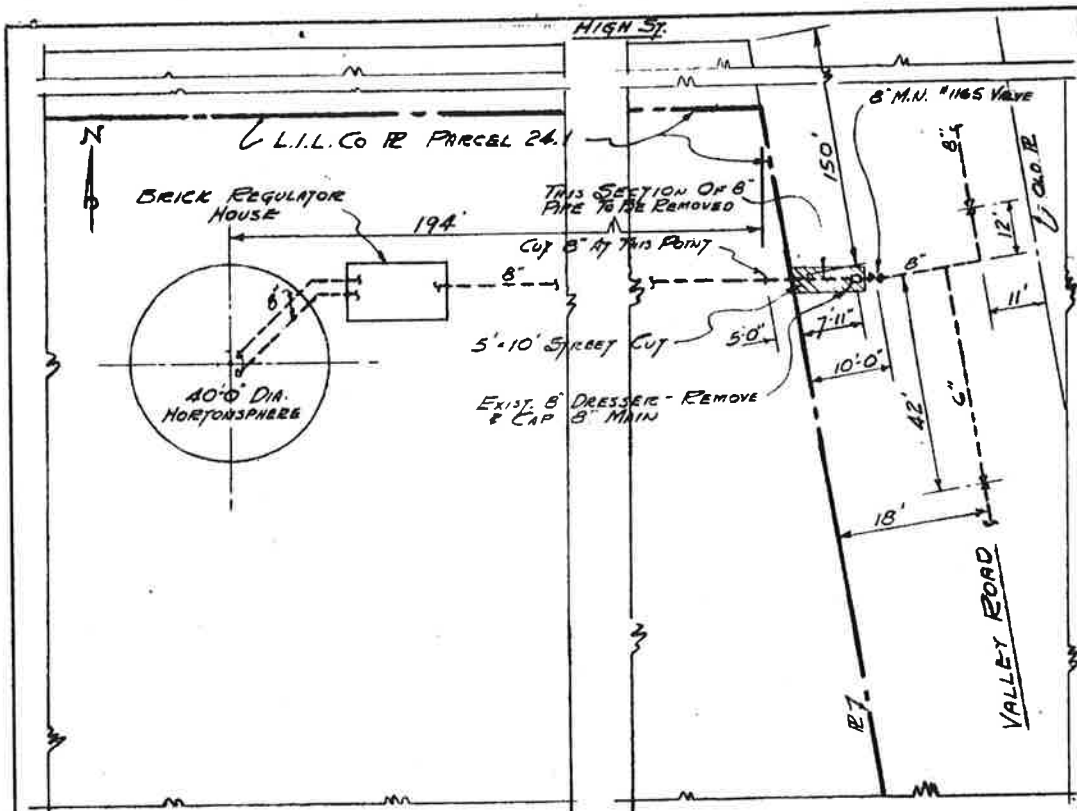
any oil present must be drawn off and the gas pressure reduced to about 6 inches water gage before purging operations are begun. With these exceptions the principles of purging of these holders may be easily inferred from our discussion of purging low pressure holders. Exact details of operation are given in the procedure recommended by the American Gas Association<sup>19</sup> and this should be consulted previous to any attempt to purge such holders.

**Underground Storage of Gas.** Natural gas occurs, as we have already indicated,<sup>1</sup> stored under pressure in the pores of the so-called gas sands. These are really sedimentary rocks which have a porosity averaging from 8 to 22 per cent, although sands with a porosity up to 35 per cent are known. In its occurrence the natural gas is stored in the pores of the rock either alone under high pressures, or dissolved

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**NOTE:**  
 DISCONNECT ALL PIPING AT SPHERE & IN  
 REGULATOR HOUSE & REMOVE TO 6"  
 BELOW GRADE  
 DEMOLISH SPHERE & REGULATOR HOUSE  
 & ALL CONCRETE FOOTINGS & FOUND-  
 ATIONS TO 6" BELOW GRADE  
 AFTER COMPLETION OF ABOVE REMOVE ALL  
 DEBRIS & ROUGH GRADE AREA OF  
 SPHERE & HOUSE  
 ALL UNDERGROUND PIPING TO BE ABANDONED  
 IN PLACE EXCEPT AS NOTED

SCALE: 1" = 30'

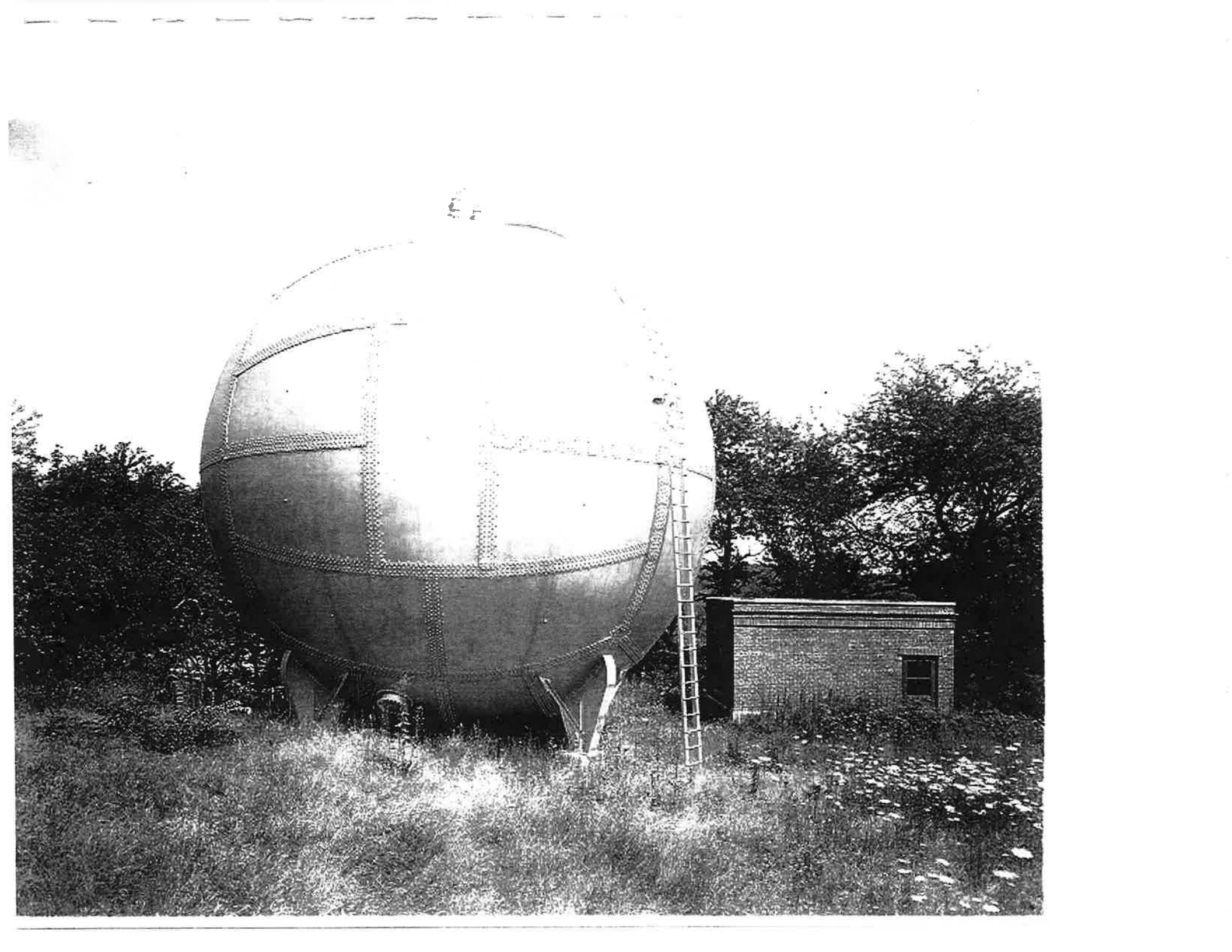
Transmitted to *Johnson*  
 Transmittal No. *2*  
 Work Order No. *46606*  
 Date *8-19-60*

**REFERENCE DWGS:**  
 F-6387 - GOVERNORS & CONNECTIONS  
 F-6055 - 40' HORTONS SPHERE, LOCATION PLAN  
 F-6428 - GOVERNOR HOUSE, ELEV. & SECT.

No	DATE	REVISION	W.S.V. H.W.T.
1	8-17-60	REV. CUT OFF IN STREET	W.S.V. H.W.T.

**RETIREMENT OF SPHERE, GOVERNOR HOUSE & EQUIPMENT  
 MANHASSET, N. Y.**

W. O. No. <i>46606</i>	LONG ISLAND LIGHTING COMPANY 175 OLD COUNTRY ROAD HICKSVILLE, NEW YORK Engineering Department	Date <i>3-29-60</i>
Drawn by <i>AJ. YOSSEL</i>		Dwg. <i>L-209-Q</i>
App'd by <i>H.W.T.</i>		





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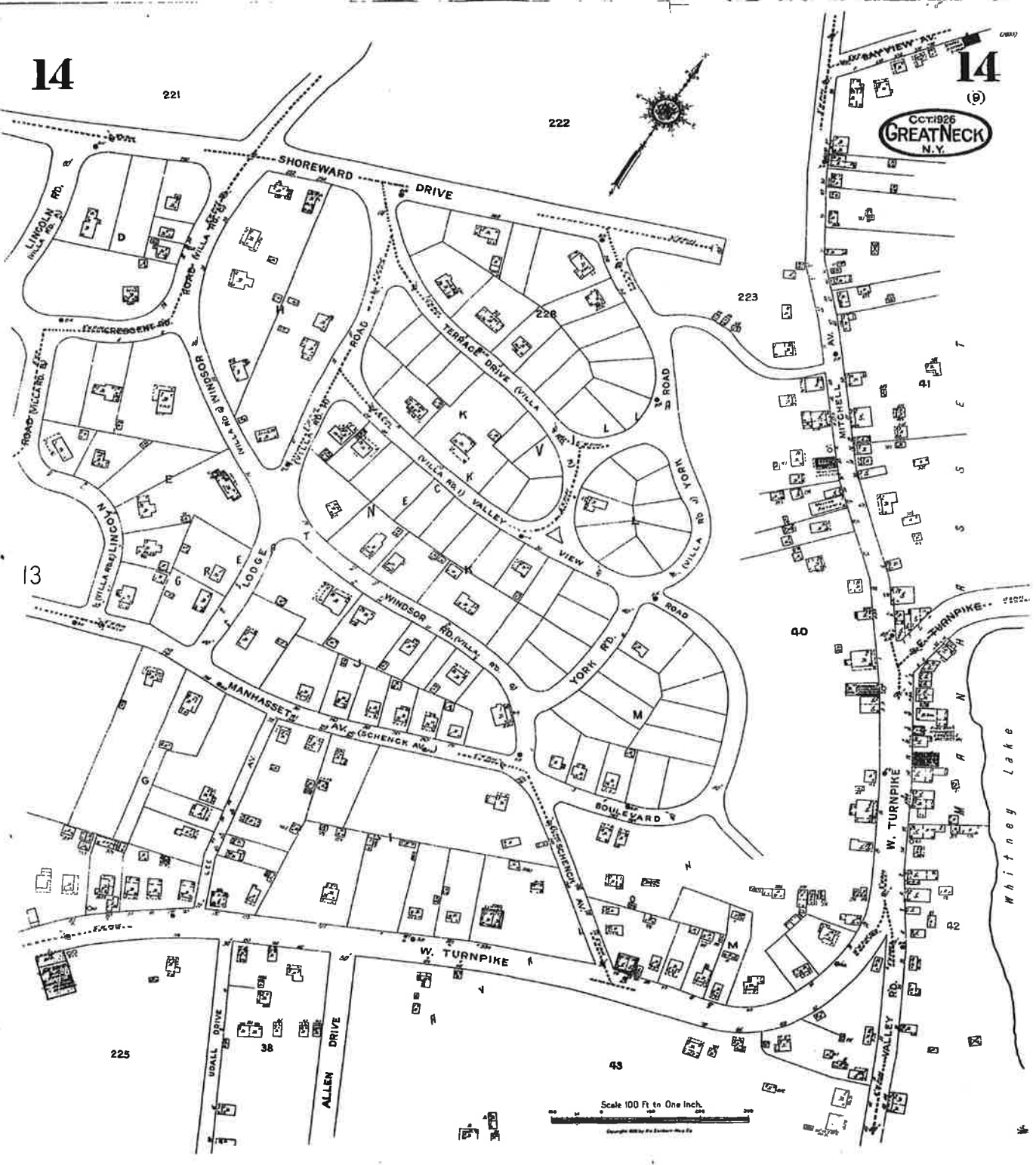
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Oct 1826  
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N.Y.



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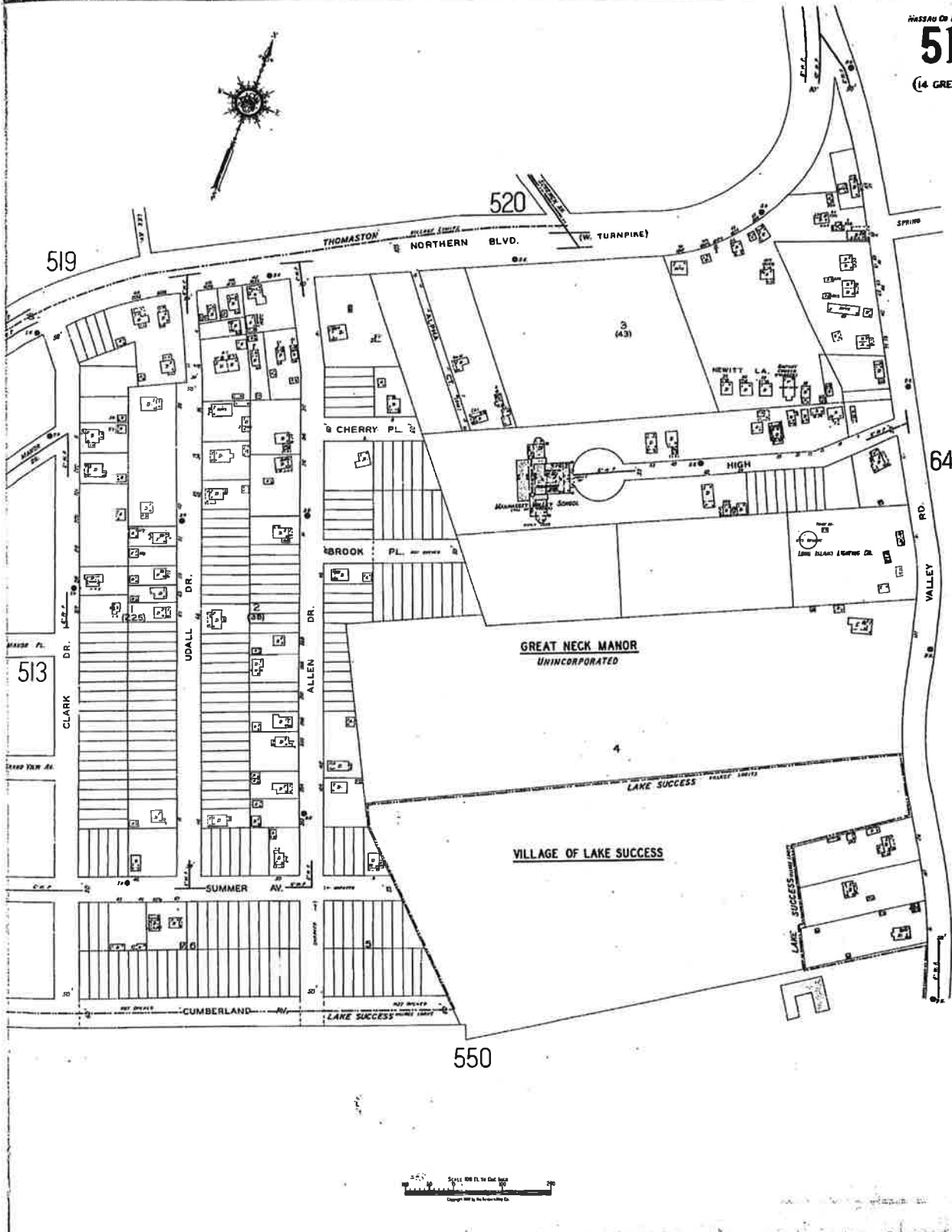
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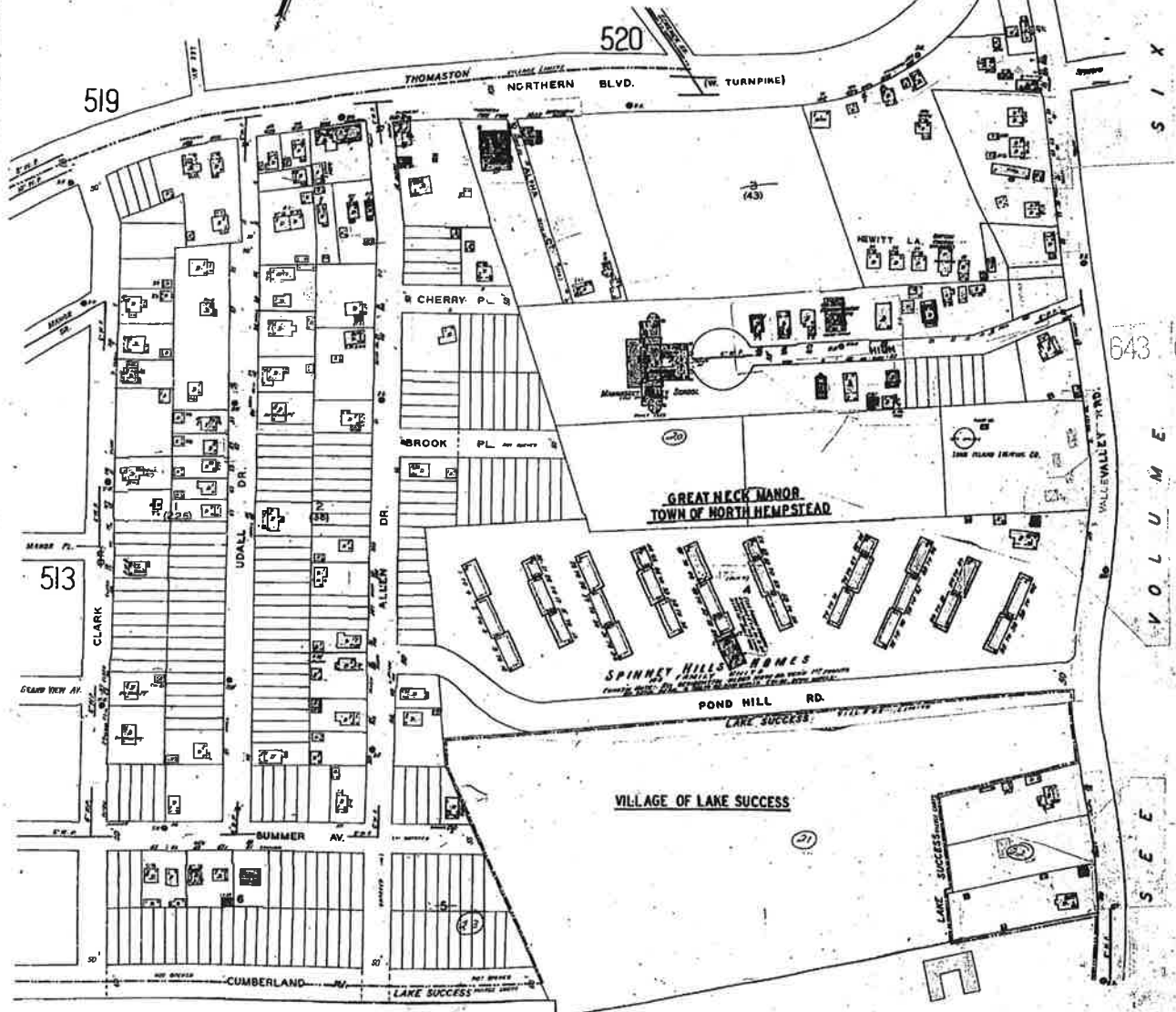
43

40

Scale 100 Ft. to One Inch.  
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Whitney Lake

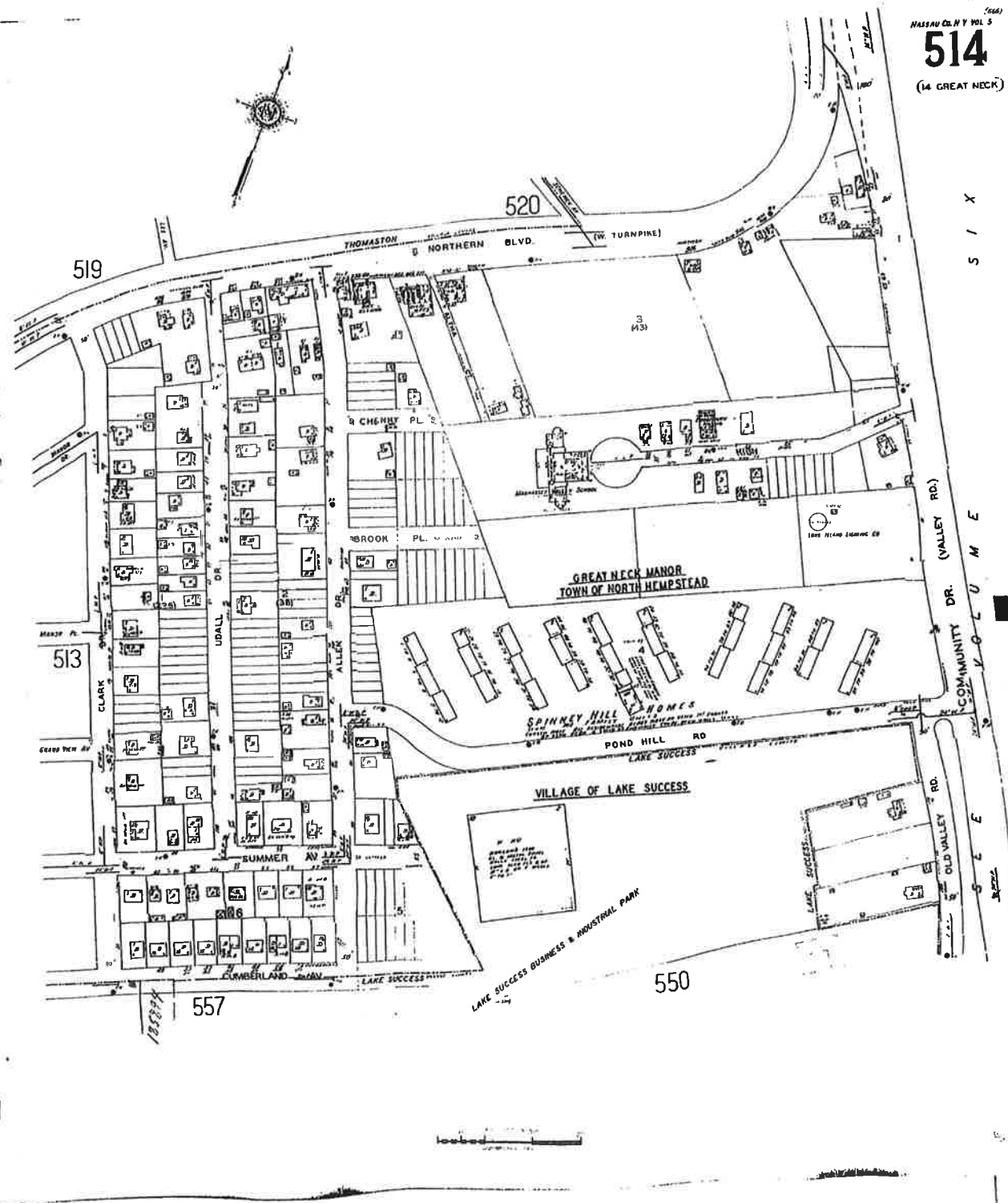




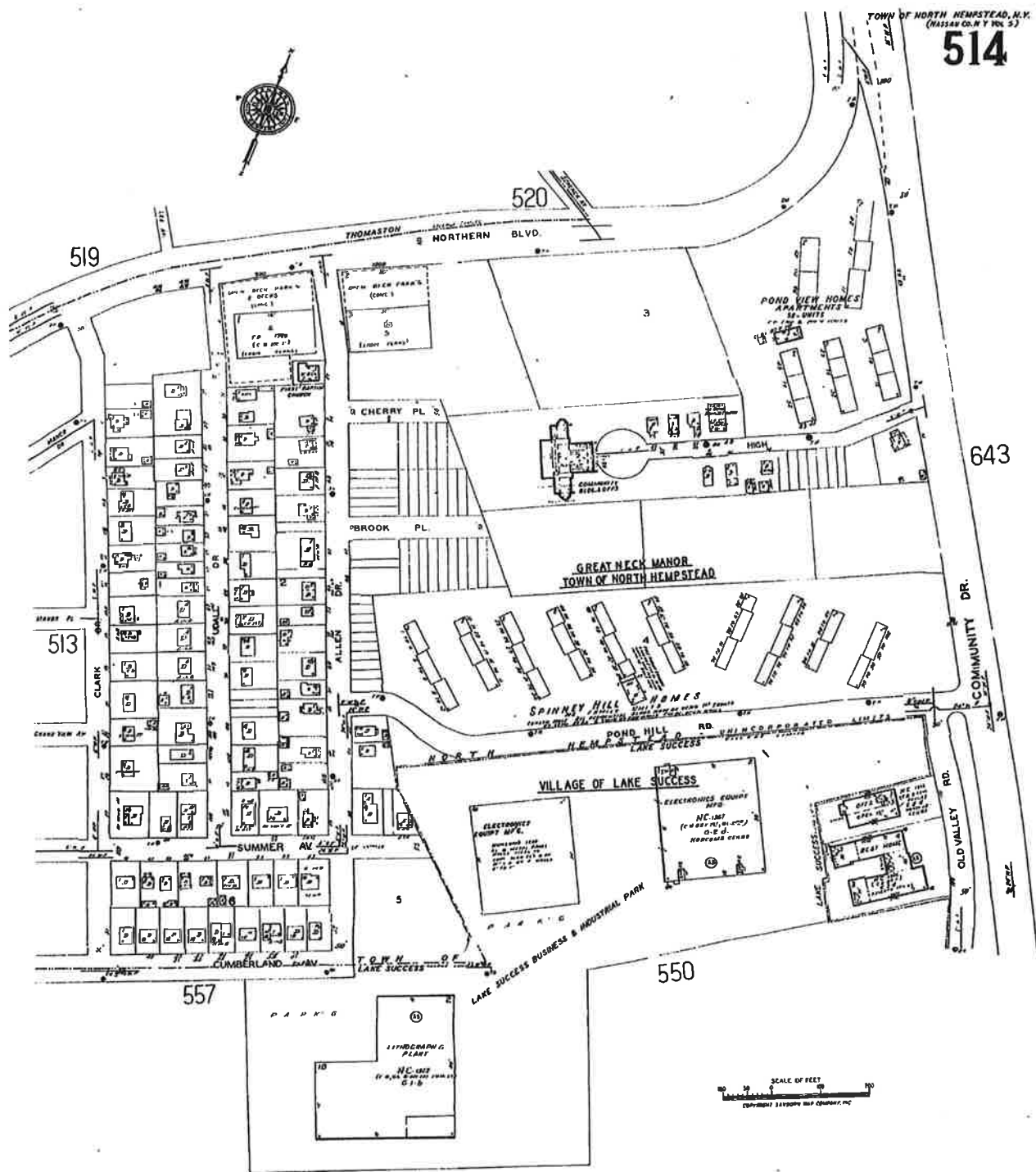
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**Review of Long Island Gas Manufacture  
and Distribution (1907 – 1950)**

**Submitted to:**

National Grid  
175 East Old County Road  
Hicksville, NY 11801

**Submitted by:**

GEI Consultants, Inc.  
455 Winding Brook Drive  
Suite 201  
Glastonbury, CT 06033  
860-368-5300

April 2009  
Revised October 2009

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Dennis Unites  
Sr. Vice President



## Introduction

GEI Consultants, Inc. (GEI) has conducted a review of the history of the Long Island Lighting Company (LILCO) to provide a better understanding of the manufactured gas operations and distribution. The primary objective of the review has been to determine the location of gas manufacturing plants and, secondarily, to understand the part played by the Hortonspheres in the distribution system. GEI has reviewed previously published corporate histories, the history of the MGP operations produced by Atlantic Environmental Services, Inc., (1996), annual reports on the file in the New York State Archives, and Public Service Commission (PSC) annual reports provided by National Grid. Given the passage of time, change of companies from year to year, and older recordkeeping methodologies, research is difficult and information about each location is a function of those documents that could be located.

Since 1907, utilities in New York have been required to file annual reports with the PSC. These reports have changed in format over the years, but generally require a summary of ownership, finance, and operation of the utility for the reporting year. They include a listing of major capital equipment such as gas manufacturing plants, storage tanks and gas transmission lines. While these are company prepared reports, they were subject to audit by the public service commission.

The history of LILCO is one of financial and operational consolidation that mirrored the utility industry in the rest of the United States. The period from 1910 through 1932 saw the consolidation of many small gas and electric companies into large holding companies of national or even international scope. At the same time, gas and electric generation was moving away from a model of small operations close to the energy users to larger more centralized facilities with distribution to the centers of usage.

## The Long Island Lighting Company

LILCO was incorporated on December 31, 1910 as a consolidation of Amityville Electric Light Co., Islip Electric Light Co., Northport Electric Light Co., and Sayville Electric Co.<sup>1</sup> All of these companies sold electricity exclusively; however, Islip used a producer gas engine for generation.<sup>2</sup> Subsequently, the company acquired by purchase or merger, the following companies listed in Table 1, below.

<b>Company</b>	<b>Year Acquired</b>
Babylon Electric Light Co.	1915
Suffolk Gas & Electric Light Co.	1917
South Shore Gas Co.*	1917

<sup>1</sup> Moody's, 1995. p. 670.

<sup>2</sup> Carpenter, [n.d.]. p73

<b>Table 1 (Continued)</b> <b>Companies Acquired by</b> <b>The Long Island Lighting Company</b>	
<b>Company</b>	<b>Year Acquired</b>
Huntington Light & Power Co.	1919
Huntington Gas Co.*	1919
North Shore Electric Light & Power Co.	1919
Consumers Gas Co. of Long Island	1922
Riverhead Electric Light Co.	1922
Southold Lighting Co.*	1922
Suffolk Light, Heat & Power Co.	1922
Nassau Light & Power Co.	1922
Long Island Gas Corp.*	1924
Patchogue Gas Co.*	1924
Sag Harbor Electric Light & Power Co.	1924
Sea Cliff and Glen Cove Gas Co.*	1924
East Hampton Electric Light Co.	1926
Public Service Corp. of Long Island	1927
Clinton Gas Co.*	1930
Liland Corp.	1933
Queens Borough Gas & Electric Co.*	1950
Nassau & Suffolk Lighting Co.*	1950
Long Beach Gas Co., Inc.	1950
Shelter Island Light & Power Co.	1959
Patchogue Electric Light Co.	1964

\* indicates companies with gas manufacturing operations.

Queens Borough Gas & Electric and Nassau & Suffolk Lighting were consolidated into LILCO in 1950; however, LILCO had controlling interest in these operating companies since 1923.

## Gas Manufacture and Distribution

In the beginning of the manufactured gas era, gas was manufactured in small plants close to where it was used. Table 2 lists the original gas works that later made up the LILCO system. Over LILCO's history, these local gas manufacturing companies were consolidated into three operating companies:

Nassau & Suffolk Lighting Company, Queens Borough Gas and Electric Company, and Long Island Lighting Company. Figure 1 shows the growth of the system. The following sections provide a brief history of each of the operating companies.

Gas plant	Years of Operation	Operating Company
Sag Harbor	1859-1928 <sup>3</sup>	LILCO predecessor
Garden City	1874?--1906(?)	Nassau & Suffolk predecessor
Babylon	1884-1904(?)	LILCO predecessor
Hempstead Clinton	1860-1904	Nassau & Suffolk predecessor
Hempstead Intersection Street	1904-1950s	Nassau & Suffolk
Rockaway	1880-1950s	Queens Borough Gas and Electric
Far Rockaway	1895-1904(?)	Queens Borough Gas and Electric predecessor
Huntington (Halesite)	1893-1925 <sup>4</sup>	LILCO
Glen Cove	1904-1927 <sup>5</sup>	LILCO
Bay Shore	1889-1970s	LILCO
Southold	1906-1921	LILCO predecessor
Clinton (East Hampton)	1904-1930	LILCO predecessor
Patchogue	1904-1914 <sup>6</sup>	LILCO predecessor

<sup>3</sup> Last gas reported made February 1928. An auditor's note in the 1934 report indicates no manufacture after October 1932 for Huntington, Patchogue, Sag Harbor and Glen Cove.

<sup>4</sup> Last reported gas manufacture 1925.

<sup>5</sup> After 1926 PSC records show all gas purchased from Public Service of Long Island.

<sup>6</sup> PSC reports show no significant gas manufacture after 1914.

## Nassau & Suffolk Lighting Company

One of the earliest manufacturers of gas in Nassau & Suffolk Counties occurred at the Clinton Street plant which was later to become part of the Nassau & Suffolk Lighting Company system. In all, three gas works operated in the company's territory. On January 23, 1860, gas was first produced in Hempstead at a plant constructed on the east side of Clinton Street, just north of Front Street.<sup>7</sup> The plant operated until circa 1904 when it was apparently replaced by the plant at Intersection Street.<sup>8</sup> The Garden City gas works, the third plant, was acquired in 1906. Gas was produced only at the Hempstead Intersection Street facility after 1906 until the system was converted to natural gas in the 1950s.

In addition to gas storage at the manufactured gas plant, gas was stored at the Stewart Avenue holder station, constructed in 1929 and the Bellmore Hortonsphere, put into service in 1928.

Because of its location, Nassau & Suffolk served as a "middleman" in the LILCO system in the later years of gas manufacturing. It purchased large volumes of gas from Queens Borough Gas and Electric and sold large volumes to LILCO. Table 3 provides Nassau & Suffolk Intra-Company gas sales for selected years. Note that both Public Service Company of Long Island and Long Beach Gas Company were solely distribution companies, which only purchased gas throughout their corporate histories.

Year	Sold to	Volume (mmcf)*	Purchased from	Volume (mmcf)*	Gas Made at Plant (mmcf)*
1915	Public Service Corp of LI	32		None	226
	Long Beach Gas Co.	339mcf			
1920	Public Service Corp of LI	131	Southshore Gas Co.	66mcf	512
	Long Beach Gas Co.	15			
	Masapequa Gas Electric Light & Power	413mcf			
1925	Public Service Corp of LI	233	LILCO	120mcf	846
	Long Beach Gas Co.	73			
	Masapequa Gas Electric Light & Power	2			
1930	LILCO	754	LILCO	30mcf	864
			Queens Borough Gas and Electric	964	
1935	LILCO	807	Queens Borough Gas and Electric	1082	794
1940	LILCO	1380	Queens Borough Gas and Electric	1769	1003

\* mmcf = million cubic feet, mcf = thousand cubic feet

<sup>7</sup> Carpenter, [n.d.]. P. 4.

<sup>8</sup> Atlantic Environmental Services, Inc., 1996. P. 4-11.

## Queens Borough Gas and Electric Company

Queens Borough Gas and Electric was made up of a number of small companies which went through several changes of ownership prior to the formation of Queens Borough Gas and Electric in 1902. There were two plants - Rockaway and Far Rockaway.

The first works was built in Rockaway in 1880 but did not appear to begin production until 1894.<sup>9</sup> A second works operated in Far Rockaway from 1895<sup>10</sup> until some time prior to 1908. PSC records for 1908 show the existence of the Far Rockaway works but do not indicate any production. Production at these works is not noted in subsequent reports.

Off plant gas storage facilities in the Queens Borough system were the Lynbrook Holder, a water sealed holder constructed in 1904 and decommissioned in 1932<sup>11</sup> and the Inwood holder, a large water sealed holder constructed in 1924.<sup>12</sup>

The Rockaway plant was used as a source of gas for much of the LILCO system. From the late 1920s onward, roughly half of the gas produced was sold to affiliated companies, primarily Long Beach Gas and Nassau & Suffolk. Based on Nassau and Suffolk records, it is likely that some of this gas was further sold into the LILCO distribution system. Table 4 provides a listing of selected intra company sales. 1924 was selected as the starting date because of gaps in the available PSC records.

Year	Sold to	Volume (mmcf)*	Purchased from	Volume (mmcf)*	Gas Made at Plant (mmcf)*
1924		None		None	1082
1930	Nassau & Suffolk Lighting	964			2593
	Long Beach Gas Co.	188			
1935	Nassau & Suffolk Lighting	1082			2469
	Long Beach Gas Co.	156			
1940	Nassau & Suffolk Lighting	1769			3470
	Long Beach Gas Co.	177			
1945	Nassau & Suffolk Lighting	2000			3967
	Long Beach Gas Co.	236			
1945	Nassau	2000			3967

\* mmcf = million cubic feet, mcf = thousand cubic feet

<sup>9</sup> Carpenter, [n.d.]. Pp. 37-43.

<sup>10</sup> Carpenter, [n.d.] P 43.

<sup>11</sup> PSC 1932 auditors note.

<sup>12</sup> PSC 1924.

## Long Island Lighting Company

The Long Island Lighting Company (LILCO) name was used for both the overall holding company and the operating company which provided gas and electric services to the eastern part of the service area. It was of greater geographic extent than the other two holding companies and has a more complex history of consolidation.

South Shore Gas Company was the first gas holding incorporated into the LILCO holding company and operating company in 1917. This company owned plants in (West) Babylon and Bay Shore. The Babylon plant apparently had ceased general production prior to 1907 (when PSC reporting began), as the plant is shown as part of the capital equipment but no production records are provided.

A third plant, Halesite, was added to the system in 1919 when LILCO acquired the Huntington Gas Company. This plant operated until 1925. An auditor's note in the 1934 PSC report indicated that this plant and three others had ceased making gas in October of 1932. This note appears to indicate that subsequent to 1932 they were no longer used as a standby reserve.

Southold Lighting Company was acquired along with the Southold acetylene plant in 1922.

The Patchogue, Glen Cove, and Sag Harbor Plants were added to the system in 1924 with the acquisition of Patchogue Gas Company, Sea Cliff and Glen Cove Gas Company and the Long Island Gas Company respectively. In the case of Patchogue, regular gas manufacture had essentially ceased around 1914 and gas was purchased from a LILCO subsidiary. Glen Cove and Sag Harbor ceased regular manufacture within a few years of purchase. All three of these plants were the subject of the 1934 auditor's note that indicated no gas manufactured after October 1932.

The acquisition in 1930 of the Clinton Gas Company and its gasoline vaporization works in East Hampton was the final purchase of a gas plant. Operations at all of the ancillary plants had ceased by 1932. By then, all gas was either provided from the Bay Shore plant or purchased from the other operating companies.

The distribution system for the LILCO system was complex as befits the large geographic extent of the companies. Water sealed holders, at active or inactive plants, made up one part of the distribution system. The 1930 PSC report shows holders at: Bay Shore, Huntington, Sag Harbor, Patchogue and, Glen Cove.

High pressure tanks constructed between 1918 and 1928 also provided storage for the distribution system. The 1935 PSC report shows a total of 47 such tanks located in: Amityville (5), Sayville (3), Huntington (10), Patchogue (7), Northport (3), Southampton (3), Sag Harbor (3), Hicksville (5), and Glen Cove (8). These holders were horizontal cylinders. One point of potential confusion is that several of these storage sites, which have no history of gas manufacture, are shown on some Sanborn maps as "Electric and Gas Plants" (see for example, Amityville).

Hortonspheres also provided high pressure storage. Nine of these were constructed and incorporated in the system between 1927 and 1931. The 1935 PSC report shows the following: Farmingdale (1927), Huntington (1928), Patchogue (1927), Port Jefferson (1930), East Hampton (1930), Sag Harbor (1931), Glen Cove (1927), Manhasset (1929), and Oyster Bay (1930).

During the earlier years, LILCO was a small net exporter of gas (Table 5), selling to Patchogue Gas and Nassau & Suffolk Lighting. After 1930, its exports were limited, and some years more gas was imported than was produced at Bay Shore. In 1935 there was an inter company purchase as a relatively small amount of gas was purchased from Nassau and Queens Gas Company, A Consolidated Edison subsidiary.

<b>Date</b>	<b>Sold to</b>	<b>Volume (mmcf)*</b>	<b>Purchased from</b>	<b>Volume (mmcf)*</b>	<b>Gas Made at plants (mmcf)*</b>
1915		None		None	None
1920	Patchogue Gas Co.	30		None	169 Bay Shore 17 Huntington
	Nassau & Suffolk Lighting Co.	77mcf			
1925	Patchogue Gas Co.	50			364 Bay Shore 31 Huntington
	Nassau & Suffolk Lighting Co.	103 mcf			
1930	Patchogue Gas Co.	32			882 Bay Shore
	Nassau & Suffolk Lighting Co.	31 mcf	Nassau & Suffolk Lighting Co.	513	
1935			Nassau & Suffolk Lighting Co.	807	888 Bay Shore
			New York and Queens Gas co.	116mcf	
1940			Nassau & Suffolk Lighting Co.	1380	1254 Bay Shore
1945			Nassau & Suffolk Lighting Co.	1511	2011 Bay Shore

\* mmcf = one million cubic feet, mcf = one thousand cubic feet

## Conclusions

The history of LILCO was one of consolidation of gas companies and smaller plants. Based on a review of the PSC records, thirteen gas plants were identified as operating in the early 1900s. By 1930, these had been reduced to three main plants: Rockaway, Hempstead Intersection Street, and Bay Shore. The Hortonspheres were part of the distribution system and, except for Glen Cove, Sag Harbor, Patchogue and Huntington, they were built away from existing gas plants.

Figure 2 provides a layout of the entire system at the maximum extent of gas manufacturing in 1950. The Riverhead gas cracking facility apparently began production in 1948. The figure does not depict the

Review of Long Island Gas Manufacture and Distribution  
April 2009 – Revised October 2009

Glenwood gas cracking facility which was constructed by 1949, perhaps because it did not actually go on-line until sometime in 1951.

As to the source of gas for any particular Hortonsphere, one can assume that most of the time the gas would have been supplied by that operating company's base load plant.

That is, Hempstead would have supplied Bellmore, and Bay Shore would have supplied the rest. However, considering the intra company sales and purchase and the internal links of the distribution system, any Hortonsphere could have been supplied by any plant.

The approach used has a number of limitations. The archives do not have records for all of the companies that ultimately were merged or acquired by the LILCO holding company. Saltaire did not appear in any of the PSC reports. The information about each location is also limited. While the Hortonspheres are identified in the capital equipment lists, there is not any other information provided about the Hortonsphere locations. These limitations notwithstanding, the available information provides a better insight into the history and operation of the system.

## References

*Moody's, Public Utility Manual*. Volume 1, Moody's Investors Service, Inc. New York, New York, , 1995, p. 670.

Carpenter, James W, 1960., *Lighting Long Island*, Hicksville, New York, Long Island Lighting Company..

Atlantic, June 26,1996. Historic Review of MGP Plants on Long Island, Final Report, Atlantic Environmental Services, Colchester CT.

*Twenty Five Years of the Long Island Lighting System 1911-1936*, By The Long Island Lighting System , 1936, p. 17

H:\WPROJ\Project\KEYSPAN\11 Site Characterizations\PSC Research\Lilco history Oct 09.docx



# GROWTH

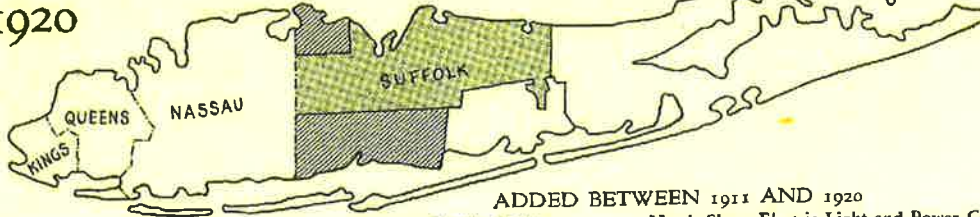
1911



— THE ORIGINAL GROUP —

Amityville Electric Light Co. Northport Electric Light Co.  
Islip Electric Light Co. Sayville Electric Co.

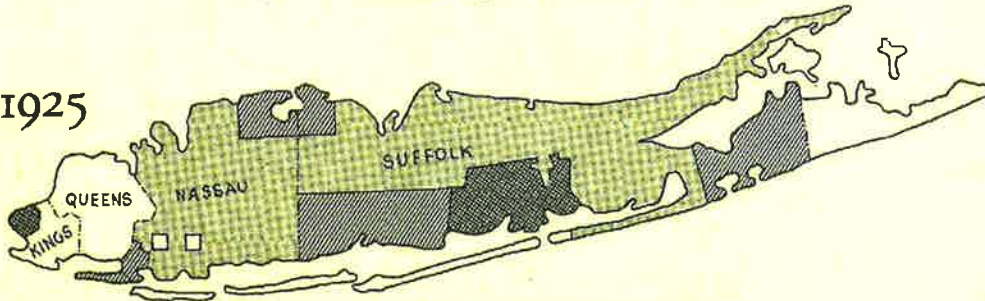
1920



ADDED BETWEEN 1911 AND 1920

Babylon Electric Light Co. North Shore Electric Light and Power Co.  
Huntington Gas Co. South Shore Gas Co.  
Huntington Light and Power Co. Suffolk Gas and Electric Light Co.

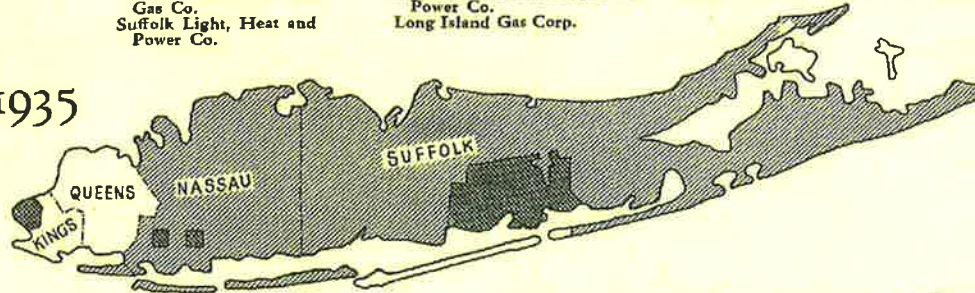
1925



ADDED BETWEEN 1920 AND 1925

Riverhead Electric Light Co. Nassau Light and Power Co. Southold Lighting Co.  
Patchogue Gas Co. Kings County Lighting Co. Consumers Gas Co. of Long Island  
Sea Cliff and Glen Cove Gas Co. Sag Harbor Electric Light and Power Co. Queens Borough Gas and Electric Co.  
Suffolk Light, Heat and Power Co. Long Island Gas Corp.

1935



ADDED BETWEEN 1925 AND 1935

Long Beach Power Co. Nassau & Suffolk Lighting Co.  
Long Beach Gas Co., Inc. Public Service Corp. of Long Island  
East Hampton Electric Light Co. Clinton Gas Co.



ELECTRIC ONLY GAS & ELECTRIC GAS ONLY

**SOURCE:**

TWENTY FIVE YEARS OF THE LONG ISLAND LIGHTING SYSTEM 1911 - 1936, BY THE LONG ISLAND LIGHTING SYSTEM ©1936, PAGE 17.

LILCO PSC REVIEW  
LONG ISLAND, NEW YORK

**nationalgrid**

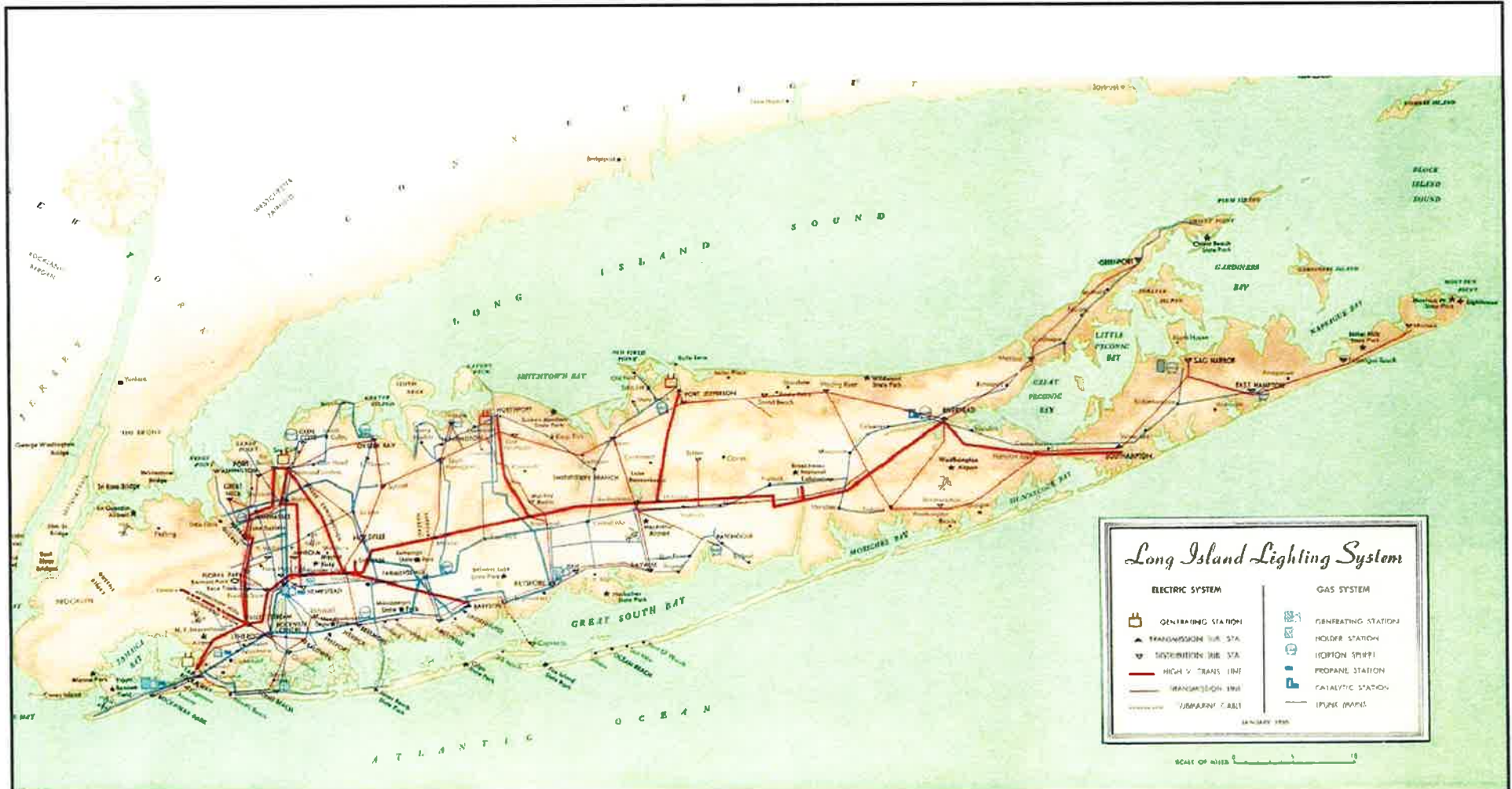


Project 090230

GROWTH OF THE  
LILCO SYSTEM

March 2009

Figure 1



LILCO PSC REVIEW  
 LONG ISLAND, NEW YORK

**nationalgrid**

**GEI**   
 Consultants

Project 090230

**1950 SYSTEM  
 CONFIGURATION**

March 2009

Figure 2



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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported  
 Water quality data end date: Not Reported  
 Ground water data begin date: Not Reported  
 Ground water data count: Not Reported

Water quality data begin date: Not Reported  
 Water quality data count: Not Reported  
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

**F41**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**NY WELLS NYWS006131**

Well Id: NY2902836  
 System Id: N-09308  
 Type: WL  
 County: NASSAU COUNTY  
 Longitude: 734214 000  
 Agency: SCHRADER, PAUL  
 Address: P.O. BOX 359  
 City/State/Zip: MANHASSET NY 11030  
 Phone: 516-627-9454

System name: MANHASSET LAKEVILLE W.D.  
 Well name: E. SHORE RD. 5  
 Active?: A  
 Latitude: 404632 000  
 Slec\_type\_: AC



**G42**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS2115088**

Agency cd: USGS  
 Site name: N 854. 1  
 Latitude: 404732  
 Longitude: 0734237  
 Dec lon: -73.70985303  
 Coord acc: S  
 Dec latlong datum: NAD83  
 State: 36  
 Country: US  
 Location map: NC 716 2 66  
 Altitude: 8.0  
 Altitude method: Level or other surveying method  
 Altitude accuracy: 0.1  
 Altitude datum: National Geodetic Vertical Datum of 1929  
 Hydrologic: Northern Long Island. New York. Area = 915 sq.mi.  
 Topographic: Not Reported  
 Site type: Ground-water other than Spring  
 Date inventoried: Not Reported  
 Local standard time flag: N  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: GLACIAL AQUIFER, UPPER  
 Well depth: 150.  
 Source of depth data: Not Reported  
 Project number: Not Reported  
 Real time data flag: Not Reported  
 Daily flow data end date: Not Reported  
 Peak flow data begin date: Not Reported  
 Peak flow data count: Not Reported  
 Water quality data end date: Not Reported  
 Ground water data begin date: Not Reported  
 Ground water data count: Not Reported

Site no: 404732073423701  
 Dec lat: 40.79232335  
 Coord meth: M  
 Latlong datum: NAD27  
 District: 36  
 County: 059  
 Land net: Not Reported  
 Map scale: Not Reported  
 Date construction: Not Reported  
 Mean greenwch time offset: EST  
 Hole depth: 150.  
 Daily flow data begin date: Not Reported  
 Daily flow data count: Not Reported  
 Peak flow data end date: Not Reported  
 Water quality data begin date: Not Reported  
 Water quality data count: Not Reported  
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404733073423803
Site name:	N 869. 1		
Latitude:	404733	Dec lat:	40.79260113
Longitude:	0734238	Coord meth:	M
Dec lon:	-73.71013082	Latlong datum:	NAD27
Coord accor:	S	District:	36
Dec latlong datum:	NAD83	County:	059
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	NC 716 2 66		
Altitude:	8.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	150.	Hole depth:	150.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G54**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

NY WELLS    NYWS006079

Well Id:	NY2902836	System name:	MANHASSET LAKEVILLE W.D.
System Id:	N-04243	Well name:	PARKWAY 2
Type:	WL	Active?:	A
County:	NASSAU COUNTY	Latitude:	404733 000
Longitude:	734238 000	Slec_type_:	AC
Agency:	SCHRADER, PAUL		
Address:	P.O. BOX 359		
City/State/Zip:	MANHASSET NY 11030		
Phone:	516-627-9454		



**G55**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

FED USGS    USGS2115101

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404733073424001
Site name:	N 7966. 1		
Latitude:	404733	Dec lat:	40.79260113
Longitude:	0734240	Coor meth:	M
Dec lon:	-73.71068639	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	059
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Localion map:	NC 706 2		
Altitude:	15.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	141.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G56**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**NY WELLS    NYWS006078**

Well Id:	NY2902836	System name:	MANHASSET LAKEVILLE W.D.
System Id:	N-03905	Well name:	PARKWAY 1
Type:	WL	Active?:	A
County:	NASSAU COUNTY	Latitude:	404733 000
Longitude:	734240 000	Slec_type_:	AC
Agency:	SCHRADER, PAUL		
Address:	P.O. BOX 359		
City/State/Zip:	MANHASSET NY 11030		
Phone:	516-627-9454		



**G57**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS    USGS2115111**

## Appendix D

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### Soil Boring, Monitoring Well Logs and Map of Water Table Elevations in Vicinity of Manhasset, New York



GEI Consultants, Inc.  
455 Winding Brook Road  
Glastonbury, CT 06033  
(860) 366-5300

CLIENT: KeySpan  
PROJECT NAME: Manhasset Hortonsphere SC  
CITY/STATE: Manhasset, New York  
GEI PROJECT NUMBER: 072710-8-1702

**BORING LOG**

PAGE  
1 of 2

**MS-GP-01**

GROUND SURFACE ELEVATION (FT): 75 LOCATION: \_\_\_\_\_  
NORTHING: 224992.07 EASTING: 1065872.59 TOTAL DEPTH (FT): 45.00  
DRILLED BY: Zebra Environmental / Luke Caballero DATUM VERT. / HORZ.: NAVD 1988 / NAD83 NY Long Island Zone  
LOGGED BY: Melissa Felter DATE START / END: 11/15/2007 - 11/16/2007  
DRILLING DETAILS: Geoprobe  
WATER LEVEL DEPTHS (FT): \_\_\_\_\_

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)			
0					[Patterned Strata Column]	MS-GP-01 (0-4)	0 - 4 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, ~20% gravel, ~5% fines; max. size 6 in., moist, tan, cobbles, loose roots 0-0.5', HAND CLEARED.
5	S-1	5.0	27	0.1		5 - 30 NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand; ~10% fines, dry, light tan with light orangeish tan, loose.	
10	S-2	5.0	42	0.1			
15	S-3	5.0	42	0.1			
20	S-4	5.0	34	0.1			

ENVIRONMENTAL BORING LOG MH5 SC BORING LOGS.GPJ GEI CONSULTANTS.GDT 2/20/08

**NOTES:**

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REC = RECOVERY LENGTH OF SAMPLE  
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

ppm = PARTS PER MILLION  
IN. = INCHES  
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR  
PLO = PETROLEUM LIKE ODOR  
TLO = TAR LIKE ODOR  
CLO = CHEMICAL LIKE ODOR  
ALO = ASPHALT LIKE ODOR

CrLO = CREOSOTE LIKE ODOR  
OLO = ORGANIC LIKE ODOR  
SLO = SULFUR LIKE ODOR  
MLO = MUSTY LIKE ODOR





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BORING LOG

PAGE  
2 of 2

MS-GP-01

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)			
25	S-5	5.0	36	0.1		MS-GP-01 (44-45)	
30	S-6	5.0	34	0.1			30 - 35 NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand; ~10% fines, dry to moist, light tan with light orangeish tan.
35	S-7	5.0	33	0.1			35 - 45 NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand; ~10% fines, moist, light tan with light orangeish tan.
40							
45				0.2			Bottom of borehole at 45.0 feet. Drove Geoprobe groundwater sampler to 60 feet and collected MS-GW-01

ENVIRONMENTAL BORING LOG MHS SC BORING LOGS.GPJ GEI CONSULTANTS.GDT 2/20/08

**NOTES:**

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GEI PROJECT NUMBER: **072710-8-1702**

**BORING LOG**

PAGE  
1 of 2

**MS-GP-02**

GROUND SURFACE ELEVATION (FT): 76.06 LOCATION: \_\_\_\_\_  
 NORTHING: 225009.58 EASTING: 1065877.71 TOTAL DEPTH (FT): 40.00  
 DRILLED BY: Zebra Environmental / Luke Caballero DATUM VERT. / HORZ.: NAVD 1988 / NAD83 NY Long Island Zone  
 LOGGED BY: Melissa Felter DATE START / END: 11/16/2007 - 11/16/2007  
 DRILLING DETAILS: Geoprobe  
 WATER LEVEL DEPTHS (FT): \_\_\_\_\_

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)			
0						MS-GP-02 (0-5)	0 - 5 WIDELY GRADED SAND (SW); ~85% sand; ~5% fines, ~10% fine to coarse gravel, max. size 1 in., dry, brown, loose, HAND CLEARED.
5	S-1	5.0	60	0.1			5 - 10 WIDELY GRADED SAND (SW); ~85% sand; ~5% fines, ~10% fine to coarse gravel, max. size 1.5 in., dry, brown, dense.
10	S-2	5.0	44	0.1			10 - 12 WIDELY GRADED SAND (SW); ~90% sand; ~5% fines, ~5% fine gravel, max. size 0.5 in., dry, brown, dense.  12 - 25 NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand; ~10% fines, dry, light tan with light orangeish tan.
15	S-3	5.0	42	0.1			
20	S-4	5.0	36	0.1			

**NOTES:**

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL  
 REC = RECOVERY LENGTH OF SAMPLE  
 PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

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 IN. = INCHES  
 FT. = FEET

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 CLO = CHEMICAL LIKE ODOR  
 ALO = ASPHALT LIKE ODOR

CrLO = CREOSOTE LIKE ODOR  
 OLO = ORGANIC LIKE ODOR  
 SLO = SULFUR LIKE ODOR  
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GEI PROJECT NUMBER: 072710-8-1702

**BORING LOG**

PAGE  
2 of 2

**MS-GP-02**

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)			
25	S-5	5.0	35	0.1		MS-GP-02 (38-40)	25 - 30 WIDELY GRADED SAND WITH SILT (SW-SM); ~90% sand; ~10% fines, dry, light tan with light orangeish tan.
30	S-6	5.0	35	0.1			30 - 40 NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand; ~10% fines, dry, light tan with light orangeish tan.
35	S-7	5.0	30	0.1			
40	Bottom of borehole at 40.0 feet. Drove Geoprobe groundwater sampler to 63 feet and collected MS-GW-02						

ENVIRONMENTAL BORING LOG MHS SC BORING LOGS.GPJ GEI CONSULTANTS.GDT 2/20/08

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IN. = INCHES  
FT. = FEET

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GEI PROJECT NUMBER: **072710-8-1702**

**BORING LOG**

PAGE  
1 of 2

**MS-GP-03/ MS-MW-03**

GROUND SURFACE ELEVATION (FT): 41.89 LOCATION: \_\_\_\_\_  
NORTHING: 225017.18 EASTING: 1066031.74 TOTAL DEPTH (FT): 25.00  
DRILLED BY: Zebra Environmental / Luke Caballero DATUM VERT. / HORZ.: NAVD 1988 / NAD83 NY Long Island Zone  
LOGGED BY: Melissa Felter DATE START / END: 11/15/2007 - 11/15/2007  
DRILLING DETAILS: Geoprobe  
WATER LEVEL DEPTHS (FT): ▽ 15.00

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)				
0						MS-GP-03 (0-5)	0 - 0.5 WIDELY GRADED SAND WITH SILT (SW-SM); ~90% sand, ~10% fines; brown, organics/roots, leaves, loose, HAND CLEARED. 0.5 - 5 SAND (SW); ~85% sand, ~10% gravel, ~5% fines; max. size 2 in., moist, light tan, loose, HAND CLEARED.	
5	S-1	5.0	47	0.1			5 - 15 NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand; ~10% fines, dry to moist, light tan and light orangeish tan, loose, 1" silt lens at 4".	
10	S-2	5.0	45	0.1				
15	S-3	5.0	42	0.1		MS-GP-03 (15-17)	15 - 20 NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand; ~10% fines, wet, light grayish tan and light orangeish tan, loose.	
20	S-4	5.0	44				20 - 25 NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand; ~10% fines, wet, light grayish tan with light orangeish tan, loose.	

**NOTES:**

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REC = RECOVERY LENGTH OF SAMPLE  
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ppm = PARTS PER MILLION  
IN. = INCHES  
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR  
PLO = PETROLEUM LIKE ODOR  
TLO = TAR LIKE ODOR  
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GEI PROJECT NUMBER: **072710-8-1702**

**BORING LOG**

PAGE  
2 of 2

**MS-GP-03/ MS-MW-03**

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)				
25				0.1			Bottom of borehole at 25.0 feet.	

**NOTES:**

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HEADSPACE)

ppm = PARTS PER MILLION  
IN. = INCHES  
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR  
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GEI PROJECT NUMBER: **072710-8-1702**

**BORING LOG**

PAGE  
2 of 2

**MS-GP-04/ MS-MW-04**

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)				
25	S-5	5.0	32	0.4	[Strata pattern]	MS-GP-04 (25-27)	25 - 33 NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand; ~10% fines, moist to wet, light grayish tan with light orangeish tan, dense, perched water table.	[Well construction diagram]
30	S-6	5.0	38	0.1				
35	Bottom of borehole at 35.0 feet.							

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ppm = PARTS PER MILLION  
IN. = INCHES  
FT. = FEET

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PLO = PETROLEUM LIKE ODOR  
TLO = TAR LIKE ODOR  
CLO = CHEMICAL LIKE ODOR  
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**BORING LOG**

PAGE  
1 of 2

**MS-GP-04A/ MS-MW-04**

GROUND SURFACE ELEVATION (FT): 59.27 LOCATION: \_\_\_\_\_  
NORTHING: 225128.61 EASTING: 1065781.53 TOTAL DEPTH (FT): 47.00  
DRILLED BY: Aquifer Drilling and Testing DATUM VERT. / HORZ.: NAVD 1988 / NAD83 NY Long Island Zone  
LOGGED BY: Lynn Willey DATE START / END: 12/18/2007 - 12/18/2007  
DRILLING DETAILS: Hollow Stem Auger  
WATER LEVEL DEPTHS (FT): ∇ 41.00

DEPTH FT.	SAMPLE INFORMATION					STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	Blows (/6 in.)	PID (ppm)				
0								0 - 35 Boring information from 0-35 feet can be obtained from adjacent boring, MS-GP-04.	
5									
10									
15									
20									

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IN. = INCHES  
FT. = FEET

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TLO = TAR LIKE ODOR  
CLO = CHEMICAL LIKE ODOR  
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CrLO= CREOSOTE LIKE ODOR  
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**BORING LOG**

PAGE  
1 of 2

**MS-GP-05**

GROUND SURFACE ELEVATION (FT): 93.22 LOCATION: \_\_\_\_\_  
NORTHING: 224982.51 EASTING: 1065501.09 TOTAL DEPTH (FT): 47.00  
DRILLED BY: Zebra Environmental / Luke Caballero DATUM VERT. / HORZ.: NAVD 1988 / NAD83 NY Long Island Zone  
LOGGED BY: Melissa Felter DATE START / END: 11/16/2007 - 11/16/2007  
DRILLING DETAILS: Geoprobe  
WATER LEVEL DEPTHS (FT): \_\_\_\_\_

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)			
0						MS-GP-05 (0-5)	0 - 7 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand; ~20% fine to coarse gravel, ~5% fines, ~5% brick, coal and glass, max. size 4 in., dry, brown.
5	S-1	5.0	40	0.2			7 - 10.5 NARROWLY GRADED SAND WITH SILT (SP-SM); ~85% sand; ~10% fines, ~5% fine gravel, <5% coal and glass, max. size 0.5 in., dry, brown and tan, dense.
10	S-2	5.0	49	0.1			10.5 - 17.5 WIDELY GRADED SAND (SW); ~90% sand; ~5% fines, ~5% fine to coarse gravel, max. size 2 in., dry, brown, loose.
15	S-3	5.0	42	0.2			17.5 - 20 WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand; ~10% fines, ~15% fine gravel, max. size 0.5 in., moist to wet, brown, dense, wet at 19'.
20	S-4	5.0	34	0.1		20 - 21 WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand; ~5% fines, ~15% fine gravel, max. size 2 in., wet, brown. 21 - 25 SILT WITH SAND (ML); ~80% fines; ~20% fine to coarse sand, moist, brown and light tan, very dense.	

**NOTES:**

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IN. = INCHES  
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR  
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TLO = TAR LIKE ODOR  
CLO = CHEMICAL LIKE ODOR  
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BORING LOG

PAGE  
2 of 2

MS-GP-05

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)			
25	S-5	5.0	31	0.1		25 - 32.5 SILTY SAND (SM); ~80% sand; ~20% fines, moist, light gray and light orangeish tan, dense.	
30	S-6	5.0	41	0.1		32.5 - 35 SANDY SILT (ML); ~60% fines; varved, ~40% fine sand, moist, dark gray with brown, very dense.	
35	S-7	5.0	38	0.1		35 - 38.5 SILTY SAND (SM); ~60% sand; varved, ~40% fines, moist, dark gray with brown, dense.	
40	S-8	5.0	38	0.1		38.5 - 39.5 LEAN CLAY (CL); moist, grayish brown, dense.	
45	S-9	2.0	23	0.1		39.5 - 40 SILTY SAND (SM); ~70% sand; ~30% fines, moist, grayish brown. 40 - 47 SILTY SAND (SM); ~80% sand; ~20% fines, moist, light gray and light orangeish tan, dense.	

Bottom of borehole at 47.0 feet.

NOTES:

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REC = RECOVERY LENGTH OF SAMPLE  
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

ppm = PARTS PER MILLION  
IN. = INCHES  
FT. = FEET

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TLO = TAR LIKE ODOR  
CLO = CHEMICAL LIKE ODOR  
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR  
OLO = ORGANIC LIKE ODOR  
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ENVIRONMENTAL BORING LOG - MHS SC BORING LOGS.GPJ GEI CONSULTANTS.GDT 2/20/08



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BORING LOG

PAGE 1 of 4

MS-GP-05A/ MS-MW-05

GROUND SURFACE ELEVATION (FT): 93.42 LOCATION: \_\_\_\_\_  
 NORTHING: 224965.75 EASTING: 1065500.72 TOTAL DEPTH (FT): 81.00  
 DRILLED BY: Aquifer Drilling and Testing DATUM VERT. / HORZ.: NAVD 1988 / NAD83 NY Long Island Zone  
 LOGGED BY: Lynn Willey DATE START / END: 12/7/2007 - 12/8/2007  
 DRILLING DETAILS: Hollow Stem Auger  
 WATER LEVEL DEPTHS (FT): 71.00

DEPTH FT.	SAMPLE INFORMATION					STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	Blows (/6 in.)	PID (ppm)				
0								0 - 47 Boring information from 0-47 feet can be obtained from adjacent boring, MS-GP-05.	
5									
10									
15									
20									

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL ppm = PARTS PER MILLION NLO = NAPHTHALENE LIKE ODOR CrLO= CREOSOTE LIKE ODOR  
 REC = RECOVERY LENGTH OF SAMPLE IN. = INCHES PLO = PETROLEUM LIKE ODOR OLO = ORGANIC LIKE ODOR  
 PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE) FT. = FEET TLO = TAR LIKE ODOR SLO = SULFUR LIKE ODOR  
 CLO = CHEMICAL LIKE ODOR MLO = MUSTY LIKE ODOR  
 ALO = ASPHALT LIKE ODOR

ENVIRONMENTAL BORING LOG MHS SC BORING LOGS.GPJ GEI CONSULTANTS.GDT 2/20/08



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**BORING LOG**

PAGE  
2 of 4

**MS-GP-05A/ MS-MW-05**

DEPTH FT.	SAMPLE INFORMATION					STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS	
	TYPE and NO.	PEN FT.	REC IN.	Blows (/6 in.)	PID (ppm)					
25										
30										
35										
40										
45										
	S-10	2.0	24	18-15- 16-15	0.6			47 - 47.1 SILT WITH SAND (ML); ~85% fines, low plasticity, ~15% sand; homogeneous, moist, grayish brown.		
	S-11	2.0	12	29-33- 43-49	1.2			47.1 - 49 NARROWLY GRADED SAND (SP); ~95% sand, ~5% fines; dry, light tan, with mottling orange at top 2".		
50	S-12	2.0	24	15-14- 15-11	0.3			49 - 51 NARROWLY GRADED SAND (SP); ~95% sand, ~5% fines; dry, reddish brown, mottling.		
								51 - 53 NARROWLY GRADED SAND (SP);		

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PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

ppm = PARTS PER MILLION  
IN. = INCHES  
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR  
PLO = PETROLEUM LIKE ODOR  
TLO = TAR LIKE ODOR  
CLO = CHEMICAL LIKE ODOR  
ALO = ASPHALT LIKE ODOR

CrLO = CREOSOTE LIKE ODOR  
OLO = ORGANIC LIKE ODOR  
SLO = SULFUR LIKE ODOR  
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG MHS SC BORING LOGS.GPJ GEI CONSULTANTS.GDT 2/20/08





GEI Consultants, Inc.  
455 Winding Brook Road  
Glastonbury, CT 06033  
(860) 368-5300

CLIENT: KeySpan  
PROJECT NAME: Manhasset Hortonsphere SC  
CITY/STATE: Manhasset, New York  
GEI PROJECT NUMBER: 072710-8-1702

BORING LOG

PAGE  
4 of 4

MS-GP-05A/ MS-MW-05

DEPTH FT.	SAMPLE INFORMATION					STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	Blows (/6 in.)	PID (ppm)				
80								tan gray.	

Bottom of borehole at 81.0 feet.

ENVIRONMENTAL BORING LOG - MHS SC BORING LOGS.GPJ GEI CONSULTANTS.GDT 2/20/08

**NOTES:**

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL  
REC = RECOVERY LENGTH OF SAMPLE  
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

ppm = PARTS PER MILLION  
IN. = INCHES  
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR  
PLO = PETROLEUM LIKE ODOR  
TLO = TAR LIKE ODOR  
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GEI Consultants, Inc.  
455 Winding Brook Road  
Glastonbury, CT 06033  
(860) 368-5300

CLIENT: KeySpan  
PROJECT NAME: Manhasset Hortonsphere SC  
CITY/STATE: Manhasset, New York  
GEI PROJECT NUMBER: 072710-8-1702

BORING LOG

PAGE 1 of 2

MS-GP-06/ MS-MW-06

GROUND SURFACE ELEVATION (FT): 41.58 LOCATION:  
NORTHING: 224929.08 EASTING: 1066065.85 TOTAL DEPTH (FT): 25.00  
DRILLED BY: Zebra Environmental / Luke Caballero DATUM VERT. / HORZ.: NAVD 1988 / NAD83 NY Long Island Zone  
LOGGED BY: Chris Berotti DATE START / END: 11/20/1997 - 11/20/2007  
DRILLING DETAILS: Geoprobe  
WATER LEVEL DEPTHS (FT): 12.75

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)				
0	S-1	5.0		0	[Pattern]	MS-GP-06 (1-3)	0 - 1 WIDELY GRADED SAND WITH SILT; ~80% sand, ~15% fines, ~5% gravel; max. size 0.75 in., brown, roots and leaf material, small amount of asphalt-like material, loose, HAND CLEARED. 1 - 5 WIDELY GRADED SAND WITH SILT; ~80% sand, ~10% fines; ~10% fine to coarse gravel, max. size 1 in., wet, tan brown, wet due to rain, HAND CLEARED.	[Well Construction Diagram]
5	S-2	5.0	56	0			5 - 10 WIDELY GRADED SAND WITH SILT; ~90% sand, ~10% fines; homogeneous, orange brown, loose, moist due to rain.	
10	S-3	5.0	38	0	[Pattern]	MS-GP-06 (12-13)	10 - 15 SILTY SAND; ~85% sand, ~15% fines; homogeneous, wet, tan.	
15	S-4	5.0	27	0			15 - 20 WIDELY GRADED SAND; ~90% sand, ~5% fines; homogeneous, ~5% fine to coarse gravel, wet, orange tan.	
20	S-5	5.0	42	0	[Pattern]	20 - 25 WIDELY GRADED SAND; ~90% sand, ~5% fines; homogeneous, ~5% fine to coarse sand, max. size 0.75 in., wet, tan.		

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL ppm = PARTS PER MILLION NLO = NAPHTHALENE LIKE ODOR CrLO= CREOSOTE LIKE ODOR  
 REC = RECOVERY LENGTH OF SAMPLE IN. = INCHES PLO = PETROLEUM LIKE ODOR OLO = ORGANIC LIKE ODOR  
 PID = PHOTOIONIZATION DETECTOR READING (JAR FT. = FEET TLO = TAR LIKE ODOR SLO = SULFUR LIKE ODOR  
 HEADSPACE) ALO = ASPHALT LIKE ODOR CLO = CHEMICAL LIKE ODOR MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG, MHS SC BORING LOGS.GPJ, GEI CONSULTANTS.GDT, 2/20/08





GEI Consultants, Inc.  
455 Winding Brook Road  
Glastonbury, CT 06033  
(860) 368-5300

CLIENT: **KeySpan**  
PROJECT NAME: **Manhasset Hortonsphere SC**  
CITY/STATE: **Manhasset, New York**  
GEI PROJECT NUMBER: **072710-8-1702**

**BORING LOG**

PAGE  
2 of 2

**MS-GP-06/ MS-MW-06**

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)				
25								

Bottom of borehole at 25.0 feet.

ENVIRONMENTAL BORING LOG - MHS SC BORING LOGS.GPJ - GEI CONSULTANTS.GDT 2/20/08

**NOTES:**

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SLO = SULFUR LIKE ODOR  
MLO = MUSTY LIKE ODOR







GEI Consultants, Inc.  
455 Winding Brook Road  
Glastonbury, CT 06033  
(860) 368-5300

CLIENT: National Grid  
PROJECT NAME: Manhasset Hortonsphre SSC  
CITY/STATE: Manhasset, New York  
GEI PROJECT NUMBER: 072710-8

BORING LOG

PAGE  
1 of 1

MS-GP-09

GROUND SURFACE ELEVATION (FT): 93.44 LOCATION: \_\_\_\_\_  
 NORTHING: 224981.26676 EASTING: 1065517.88004 TOTAL DEPTH (FT): 25.00  
 DRILLED BY: Zebra Environmental / Evan Moraits DATUM VERT. / HORZ.: NAVD 88 / NAD83 NY Long Island Zone  
 LOGGED BY: Kim Barber DATE START / END: 2/19/2009 - 2/19/2009  
 DRILLING DETAILS: Geoprobe  
 WATER LEVEL DEPTHS (FT): \_\_\_\_\_

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)			
0		5.0		0.1		MS-GP-09 (1-5)	0 - 2 WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, ~25% gravel, fine to coarse, subangular, ~5% fines; ~5% coal, beer can, wood, moist, dark brown, HAND CLEARED.
5	S-1	5.0	48	1.2			2 - 5 WIDELY GRADED GRAVEL WITH SILT AND SAND (GW-GM); ~60% gravel, ~35% sand, fine to coarse, ~5% fines; ~5% glass, coal, wet, blackish gray, HAND CLEARED.
10	S-2	5.0	48	0.4		5 - 12 WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, ~20% gravel, fine to coarse, subangular, ~10% fines; ~10% wood, brick, pavement, moist, grayish brown, lens of wood and pavement at 5 ft.	
15	S-3	5.0	30	0.0		12 - 20 WIDELY GRADED SAND (SW); ~75% sand, fine to coarse, ~15% fines, ~10% gravel, fine to coarse, subrounded; moist, orangeish brown.	
20	S-4	5.0	36	0.1		MS-GP-09 (15-17)	20 - 22 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, subrounded, ~5% fines; moist, orangeish brown.
22							22 - 23 SANDY SILT (ML); ~60% fines, ~40% sand, fine; varved, moist, orangeish tan, dense.
23							23 - 24 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, subrounded, ~5% fines; moist, orangeish brown.
24							24 - 25 SANDY SILT (ML); ~60% fines, ~40% sand, fine; varved, moist, orangeish tan, dense.
25							Bottom of borehole at 25.0 feet.

NOTES:

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ppm = PARTS PER MILLION  
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 FT. = FEET

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 SLO = SULFUR LIKE ODOR  
 MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG BORING LOGS.GPJ GEI CONSULTANTS.GDT 3/17/09



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455 Winding Brook Road  
Glastonbury, CT 06033  
(860) 368-5300

CLIENT: National Grid  
PROJECT NAME: Manhasset Hortonsphre SSC  
CITY/STATE: Manhasset, New York  
GEI PROJECT NUMBER: 072710-8

BORING LOG

PAGE  
1 of 1

MS-GP-10

GROUND SURFACE ELEVATION (FT): 59.66 LOCATION: \_\_\_\_\_  
 NORTHING: 225127.55841 EASTING: 1065785.20535 TOTAL DEPTH (FT): 6.50  
 DRILLED BY: Zebra Environmental / Evan Moraits DATUM VERT. / HORZ.: NAVD 88 / NAD83 NY Long Island Zone  
 LOGGED BY: Kim Barber DATE START / END: 2/20/2009 - 2/20/2009  
 DRILLING DETAILS: Geoprobe  
 WATER LEVEL DEPTHS (FT): \_\_\_\_\_

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)			
0		5.0		0.0	[Patterned Strata]	MS-GP-10 (1-2)	0 - 2 WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, subangular, ~5% fines; ~5% brick, coal, dry, blackish brown, HAND CLEARED. 2 - 6 WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~20% gravel, fine to coarse, subrounded, ~10% fines; moist, orangeish brown, HAND CLEARED TO 5 ft.
5	S-1	1.5		0.0		MS-GP-10 (5.5-6.5)	6 - 6.5 SILTY SAND (SM); ~55% sand, fine, ~40% fines, ~5% gravel; varved, moist, orangeish tan. Refusal at 6.5 feet. Bottom of borehole at 6.5 feet.

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL ppm = PARTS PER MILLION NLO = NAPHTHALENE LIKE ODOR CrLO= CREOSOTE LIKE ODOR  
 REC = RECOVERY LENGTH OF SAMPLE IN. = INCHES PLO = PETROLEUM LIKE ODOR OLO = ORGANIC LIKE ODOR  
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ENVIRONMENTAL BORING LOG BORING LOGS.GPJ GEI CONSULTANTS.GDT 3/17/09



GEI Consultants, Inc.  
455 Winding Brook Road  
Glastonbury, CT 06033  
(860) 368-5300

CLIENT: National Grid  
PROJECT NAME: Manhasset Hortonsphre SSC  
CITY/STATE: Manhasset, New York  
GEI PROJECT NUMBER: 072710-8

BORING LOG  
PAGE 1 of 1  
MS-GP-11

GROUND SURFACE ELEVATION (FT): 61.16 LOCATION:  
NORTHING: 225106.17273 EASTING: 1065775.70324 TOTAL DEPTH (FT): 15.00  
DRILLED BY: Zebra Environmental / Evan Moraits DATUM VERT. / HORZ.: NAVD 88 / NAD83 NY Long Island Zone  
LOGGED BY: Kim Barber DATE START / END: 2/20/2009 - 2/20/2009  
DRILLING DETAILS: Geoprobe  
WATER LEVEL DEPTHS (FT):

DEPTH FT.	SAMPLE INFO				STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN FT.	REC IN.	PID (ppm)			
0		5.0		0.0		<p>MS-GP-11 (1-4)</p> <p>0 - 4 WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~20% gravel, ~10% fines; ~10% pavement, brick, coal, moist, blackish brown, HAND CLEARED.</p> <p>MS-GP-11 (5-10)</p> <p>4 - 7 WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~60% sand, fine to coarse, ~20% gravel, fine to coarse, subrounded, ~20% fines; moist, orangeish brown, dense, HAND CLEARED TO 5 ft.</p> <p>7 - 7.5 ELASTIC SILT WITH SAND (MH); ~80% fines, ~20% sand, fine; tan.</p> <p>7.5 - 9 WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~60% sand, fine to coarse, ~20% gravel, fine to coarse, subrounded, ~20% fines; moist, orangeish brown, dense, wet at 7.5-8 ft.</p> <p>9 - 10 SILTY SAND (SM); ~55% sand, fine, ~40% fines, ~5% gravel, fine, subrounded; varved, moist, orangeish tan, lense of blackish brown silt at 9 ft.</p> <p>10 - 15 LINER JAMMED, NO RECOVERY.</p>	
5	S-1	5.0	60	0.0			
10	S-2	5.0	0				
15	Bottom of borehole at 15.0 feet.						

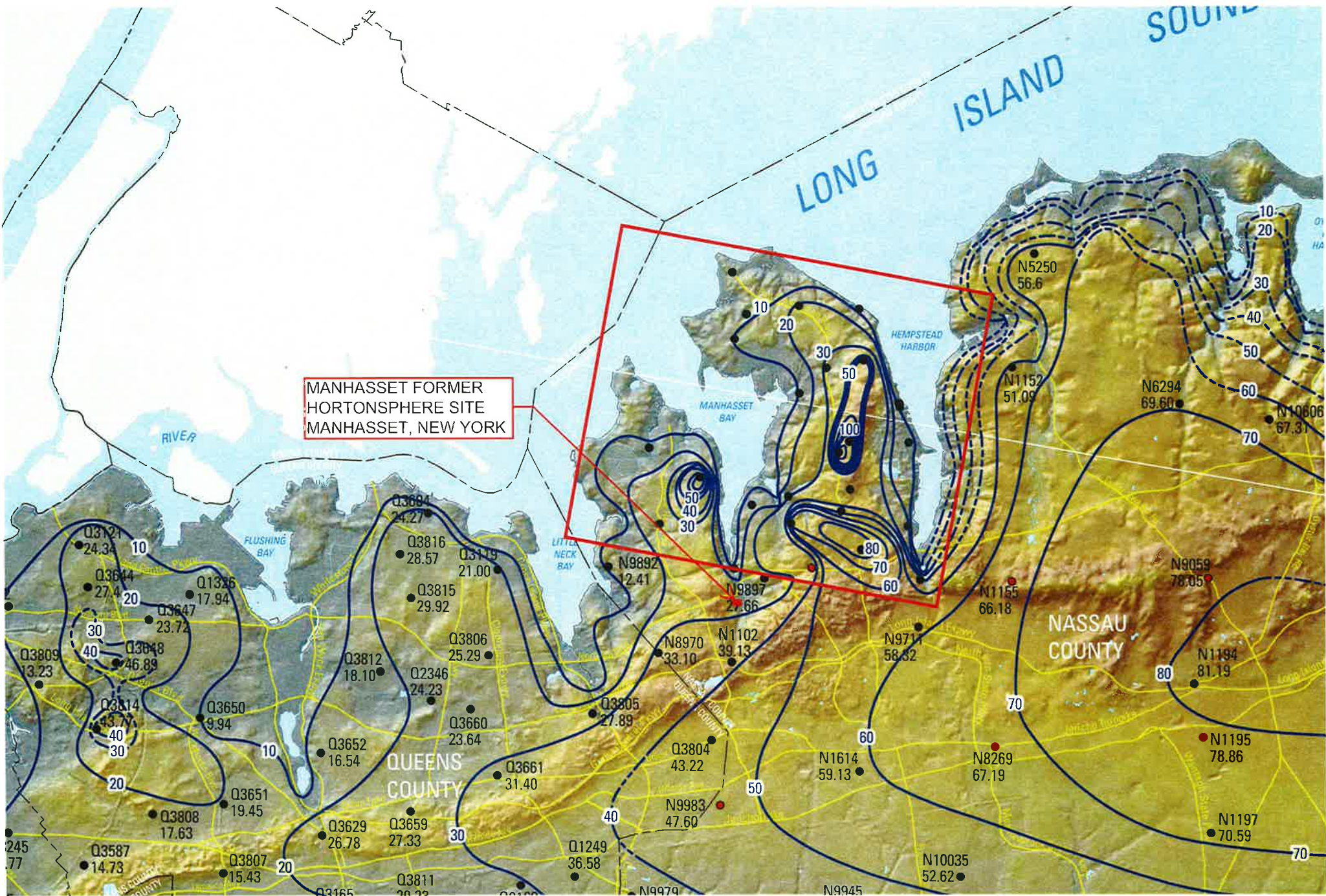
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 CLO = CHEMICAL LIKE ODOR MLO = MUSTY LIKE ODOR  
 ALO = ASPHALT LIKE ODOR

ENVIRONMENTAL BORING LOG BORING LOGS.GPJ GEI CONSULTANTS.GDT 3/17/09



# Water Table Elevations in Vicinity of Manhasset, New York





## Appendix E

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### Data Usability Summary Report and Electronic Data Deliverables

(Electronic Only)

## **APPENDIX J**

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MULRYAN  
ENGINEERING, P.C.

# TRAFFIC ENGINEERING REPORT

## MT. OLIVE SENIOR AFFORDABLE HOUSING RESIDENTIAL DEVELOPMENT

COMMUNITY DRIVE

MANHASSET

TOWN OF NORTH HEMPSTEAD  
NASSAU COUNTY

PROJECT NO. M14-020  
AUGUST 2014

# TABLE OF CONTENTS

<b>TABLE OF CONTENTS</b> .....	<b>i</b>
<b>TECHNICAL APPENDIX TABLE OF CONTENTS</b> .....	<b>ii</b>
<b>EXECUTIVE SUMMARY</b> .....	<b>1</b>
<b>INTRODUCTION</b> .....	<b>3</b>
<b>STUDY METHODOLOGY</b> .....	<b>4</b>
<b>EXISTING CONDITIONS</b> .....	<b>5</b>
EXISTING ROADWAY NETWORK .....	5
SURROUNDING LAND USES .....	5
PUBLIC TRANSPORTATION .....	6
EXISTING TRAFFIC VOLUMES .....	6
ADJUSTED TRAFFIC VOLUME FLOW RATE .....	7
<b>NO BUILD CONDITIONS</b> .....	<b>8</b>
AMBIENT TRAFFIC GROWTH.....	8
<b>FUTURE BUILD CONDITIONS</b> .....	<b>9</b>
TRIP GENERATION .....	9
AS OF RIGHT ALTERNATIVE .....	9
PROPOSED ALTERNATIVE .....	9
TRIP DISTRIBUTION .....	10
PARKING STUDY .....	10
SITE PARKING AND CIRCULATION .....	11
CONSTRUCTION .....	11
<b>LEVEL OF SERVICE TABLES</b> .....	<b>13</b>
POTENTIAL LEVEL OF SERVICE IMPACTS BUILD CONDITIONS .....	23
FINDINGS .....	23
OFF SITE IMPROVEMENTS .....	23
MITIGATION .....	23
<b>CONCLUSIONS</b> .....	<b>24</b>

**TECHNICAL APPENDIX TABLE OF CONTENTS**

**SECTION NO. 01 ..... TRAFFIC VOLUME DATA**  
**SECTION NO. 02 ..... TRIP & PARKING GENERATION STUDY**  
**SECTION NO. 03 ..... US CENSUS DATA**  
**SECTION NO. 04 ..... FIGURES**  
**SECTION NO. 05 ..... HIGHWAY CAPACITY ANALYSIS DESCRIPTION**  
**SECTION NO. 06 ..... HIGHWAY CAPACITY ANALYSIS**

## EXECUTIVE SUMMARY

- Mulryan Engineering, P.C. has prepared a traffic engineering analysis of the roadway network surrounding the site of the proposed residential development located on Community Drive between Pond Hill Road and High Court. The subject property is located across from Community Drive East. The site is in the hamlet of Manhasset, in close proximity to the Village of Great Neck border. The hamlet of Manhasset is located within the Town of North Hempstead in Nassau County, New York.
- The subject site located in the Residence C District (R-C) and is currently undeveloped.
- The properties to the north and south are developed with apartment buildings. A handful of single family homes are located on High Court. The Hagedon Community Center is located at the west end of High Court. The properties to the west of the site are primarily developed with single family homes. The Macy's Shopping Center is located on E Community Drive, east of the subject site. Whitney Pond Park, the Nassau County Police Station and the Manhasset Lakeville Fire Department are also located along Community Drive East. North Shore Community Hospital is located to the south of the site along Community Drive. Northern Boulevard located to the north of the subject site is developed with office, commercial and retail land uses.
- The proposed project will improve the site with a 72 Senior Affordable Housing Apartment Units providing a total of 98 parking spaces. The parking provided exceeds the 49 spaces required by the Town of North Hempstead.
- The site access design, illustrated on the site plan prepared by PS&S, proposes a single site access on Community Drive and an emergency access from High Court. The site access on Community Drive will be aligned with Community Drive East. The applicant will modify the existing traffic signal to facilitate full signalized access to and from the subject site. The proposed site access design is subject to the review and approval of the Town of North Hempstead and the Nassau County Department of Public Works.

- A growth rate of 0.25 % per year was applied to the existing traffic volumes for a period of two years to determine the future ambient no build traffic volumes. This rate exceeds the standard ambient growth forecasted for this area which is 0.15 percent. The growth rate is applied to the existing volumes to generate the ambient no build traffic volumes. For the purposes of this analysis, the future no build and build conditions are anticipated to occur within the next two years.
- Level of Service Analysis Findings:
  - 01. Community Drive at Community Drive East/Site Access \_\_\_\_\_No Impact
  - 02. Community Drive at North Shore Community Hospital \_\_\_\_\_No Impact
  - 03. Community Drive East at Manhasset Lakeville Fire \_\_\_\_\_No Impact
- The Highway Capacity Analysis shows that the traffic generated by the proposed development will have no perceptible impact on the level of service at the study intersections.
- Off-site improvements measures for this project will involve the removal and installation of a new traffic signal at the intersection of Community Drive and Community Drive East.
- No mitigation measures were found to be warranted based on a comparison of the existing and proposed conditions on the surrounding roadway network.

## **INTRODUCTION**

Mulryan Engineering, P.C. has prepared a traffic engineering analysis of the roadway network surrounding the site of the proposed residential development. The subject site located in the Residence C District (R-C) and is currently undeveloped.

The properties to the north and south are developed with apartment buildings. A handful of single family homes are located on High Court. The Hagedon Community Center is located at the west end of High Court. The properties to the west of the site are primarily developed with single family homes.

The proposed project will improve the site with a 72 Senior Affordable Housing Apartment Units providing a total of 98 parking spaces. The parking provided exceeds the 49 spaces required by the Town of North Hempstead.

The site access design, illustrated on the site plan prepared by PS&S, proposes a single site access on Community Drive and an emergency access from High Court. The site access on Community Drive will be aligned with Community Drive East. The applicant will modify the existing traffic signal to facilitate full signalized access to and from the subject site. The proposed site access design is subject to the review and approval of the Town of North Hempstead and the Nassau County Department of Public Works.

This study identifies the changes in traffic movements along the adjacent roadway network which will occur as a result of the proposed development and identifies the potential impact of the future build condition on the adjacent street system.



## **STUDY METHODOLOGY**

The traffic engineering analysis prepared for this project serves as the basis for this report and the recommendations and conclusions contained within. This report is based on the recommended guidelines and practices outlined by the Institute of Transportation Engineers (ITE). The report analyzes the following information:

- A review of the existing roadway and traffic conditions in the vicinity of the site including roadway geometry, traffic volumes, signal operations, and intersection capacities;
- A detailed review of the existing traffic volumes and travel patterns on the roadway network surrounding the site and a determination of the existing peak hour volumes during each of the time periods studied;
- Calculations of the projected ambient background traffic growth on the existing roadways;
- Trip generation analysis of the volume of traffic expected to be generated by the proposed residential development;
- Highway capacity analysis of the existing and future traffic volumes considering the development of the site under future build conditions;
- An analysis of proposed driveway configuration, parking, and overall site layout in regards to access and internal circulation; and
- The results, findings and conclusions of our traffic engineering analysis of the existing roadway network and the future conditions based on the traffic characteristics of the proposed development of the subject site.

## **EXISTING CONDITIONS**

### **EXISTING ROADWAY NETWORK**

Figure No. 1 shows the roadway network and the area surrounding the subject site. The following provides a description of the key roadways located in proximity to the subject site.

Community Drive provides two lanes in each direction and a center left turn lane. Additional right turn lanes are provided at certain intersections. Community Drive runs north and south from Northern Boulevard to the Long Island Expressway South Service Road. Community Drive is under the jurisdiction of the Nassau County Department of Public Works.

North Shore Community Hospital is located south of the subject site along Community Drive.

Community Drive East provides one lane in each direction generally running east and west. Community Drive East provides access to Whitney Pond Park, the Nassau County Police Station, the Manhasset Lakeville Fire Department and the Macy's shopping center.

Northern Boulevard is located to the north of the site. The Long Island Expressway is located to the south of the subject site. These major arterial highways provide access to the east and west.

### **SURROUNDING LAND USES**

The properties to the north and south are developed with apartment buildings. A handful of single family homes are located on High Court. The Hagedon Community Center is located at the west end of High Court. The properties to the west of the site are primarily developed with single family homes. The Macy's Shopping Center is located on E Community Drive east of the subject site. Whitney Pond Park, the Nassau County Police Station and the Manhasset Lakeville Fire Department are also located along Community Drive East. North Shore Community Hospital is located to the south of the site along Community Drive. Northern Boulevard located to the north of the subject site is developed with office, commercial and retail land uses.

## **PUBLIC TRANSPORTATION**

The area is served by the Long Island Railroad and two Nassau Inter-County Express (NICE) bus routes. These are the N25 Lynbrook Great Neck and the N26 Jamaica Great Neck bus routes.

The Nassau Inter-County Express (NICE) buses have a seating capacity of 45 including provisions for 2-wheelchair and a standing capacity of 21-passangers. Each bus has a total capacity to accommodate 66-passengers.

The Manhasset train station is located along the Port Washington train line with service to Port Washington and Penn Station in Manhattan. The Manhasset train station is approximately one and a half mile from the subject site.

## **EXISTING TRAFFIC VOLUMES**

Turning movement counts were collected during the weekday morning and evening peak hours at the study intersections. Counts were also collected on Saturday afternoon. The peak hours of commuter traffic on Community Drive are consistent with the peak hours studied. The peak hour turning movement volumes are provided within the Technical Appendix. The turning movement data was collected during the following time periods:

- In the morning from 7:00 a.m. to 9:00 a.m.
- In the evening from 4:00 p.m. to 6:00 p.m.
- On Saturday from 12:00 a.m. to 2:00 p.m.

A majority of the turning movement counts were collected using Miovision Scout Video Collection Units. Electronic Jamar hand-held Traffic Data Collectors were used to collect counts at the balance of the study intersections. The turning movement count data was processed using PETRAPro software.

The results of these traffic counts were analyzed to determine the distinct hour during each of the time periods surveyed when traffic experiences its highest level referred to as the “peak hour.” The peak hour volume is used in our analysis to model the critical demand during each time period. Counts were collected on Tuesday, June 3<sup>rd</sup> and Saturday May 31, 2014. The following is a list of the study intersections included in our analysis of the proposed project.

1. Community Drive at Community Drive East/Site Access
2. Community Drive at North Shore Community Hospital (main access)
3. Community Drive East at Manhasset Lakeville Fire Department

### **ADJUSTED TRAFFIC VOLUME FLOW RATE**

The Highway Capacity Analysis uses the adjusted flow rate based on the peak hour volume and the peak hour factor at each location. The peak hour volume is divided by the peak hour factor to produce the critical 15-minute demand projected over the entire one hour period. The results of this analysis provide the level of service experienced during the busiest 15-minute period within the peak hour.

## NO BUILD CONDITIONS

### AMBIENT TRAFFIC GROWTH

The volume of traffic using the roadway network changes each year based on population growth and development. An ambient growth rate is used to determine the future base traffic volumes. The ambient growth rate takes into account developments that will increase the volume of traffic at the study intersections prior to the completion of this project.

The subject property is located within Census Tract 36.059-3018.00. The following table provides census data for the area surrounding the subject site. The population data provides information on population changes that have occurred in the area over the past 20-years. This historical data is used to calculate the anticipated future growth rate.

Census Tract	Area (in square-miles)	Population 2010	<sup>1</sup> Population Change		
			1990-2000	2000-2010	2010-2015
3018.00	1.7941	5,370	1.10	0.01	0.02
3004.00	0.7214	5,199	0.30	0.02	0.05
3015.00	1.1853	3,048	0.30	-0.11	-0.01
3009.00	4.6689	7,963	1.70	1.13	0.96
3016.00	1.6147	4,496	0.00	-0.03	0.03
3017.00	0.5188	2,590	0.20	-0.16	0.02
3019.00	0.5912	2,998	-0.10	-0.06	0.03
3006.00	1.0803	6,503	0.10	0.09	0.10
<b>Total/Average</b>	12.17	38,167	0.45	0.11	<b>0.15</b>

The existing traffic volumes at the study intersections were increased by a growth rate factor of 0.25 percent compounded yearly. This rate exceeds the standard ambient growth forecasted for this area which is 0.15 percent. The growth rate is applied to the existing volumes to generate the ambient no build traffic volumes. The future no build and build conditions are anticipated to occur within the next two years.

<sup>1</sup> Source: US Census/ESRI Demographic Update Methodology: 2010/2015

## FUTURE BUILD CONDITIONS

### TRIP GENERATION

The development of the subject site will generate a certain number of vehicle trips throughout the day. The volume of trips generated by the proposed development was calculated using the standard calculations compiled by the Institute of Transportation Engineers (ITE) in the 9<sup>th</sup> Edition Trip Generation, 2012. This is often referred to as the Trip Generation Manual and is considered the industry standard for traffic engineering studies.

### AS OF RIGHT ALTERNATIVE

The trip generation of the proposed development was calculated using the ITE Land Use Code 210. The independent variable used in the calculation is the number of “dwelling units”. This land use code represents Single Family Housing. The volumes below represent the peak number of trips generated during a one hour time period.

**ITE Land Use 210**  
**28 Single Family Homes**

Proposed	AM Peak	PM Peak	Saturday Peak
Entering	5	18	14
<u>Exiting</u>	<u>16</u>	<u>10</u>	<u>12</u>
Total	21	28	26

### PROPOSED ALTERNATIVE

The trip generation of the proposed development was calculated using the ITE Land Use Code 252. The independent variable used in the calculation is the number of “dwelling units”. This land use code represents Attached Senior Adult Housing. The volumes below represent the peak number of trips generated during a one hour time period.

**ITE Land Use 252**  
**72 Apartment Units**

Proposed	AM Peak	PM Peak	Saturday Peak
Entering	5	10	13
<u>Exiting</u>	<u>10</u>	<u>8</u>	<u>10</u>
Total	15	18	23

## **TRIP DISTRIBUTION**

Trips generated by the development of the subject site are distributed throughout the roadway network and assigned to the study intersections. The percent distribution is applied to the trip generation to establish the number of trips assigned to specific turning movements at each of the study intersections. One hundred percent of the trip generation is distributed and assigned to the site access.

A portion of the total trip generation is distributed and assigned to each of the other study intersections. The volume of trips assigned to each intersection is based on the percentage of vehicles that are anticipated to use these intersections while traveling to and from the site. The distribution at the site driveway is based on the local roadway network.

The site access on Community Drive will be aligned with Community Drive East. The applicant will modify the existing traffic signal to facilitate full signalized access to and from the subject site. The proposed site access design is subject to the review and approval of the Town of North Hempstead and the Nassau County Department of Public Works.

## **PARKING STUDY**

The development of the subject site will generate a certain number of parked vehicles. The number of parked vehicles generated by the proposed development was based on the standard calculations compiled by the Institute of Transportation Engineers (ITE) in the 4th Edition Parking Generation, 2010. This is often referred to as the Parking Generation Manual and is considered the industry standard for traffic engineering studies.

The parking generation of the proposed development was calculated using the ITE Land Use Code 252. The independent variable used in the calculation is the “dwelling units”. This land use code represents Attached Senior Adult Housing. Based on the ITE parking generation data, the proposed 72 units are anticipated to generate a peak of 42 parked vehicles. The peak parking demand for residential properties occurs at night when the majority of residents are home. The anticipated number of parked vehicles includes residents and visitors.

In order to supplement the data provided by the ITE, our office also reviewed data from the United States Census Bureau. According to the Census Bureau's Population Estimates Program,

83.3% of households in the Manhasset have 2 or fewer vehicles and 38.1% have 1 or no vehicles. Vehicle ownership is a primary component of parking demand for residential developments.

The United States Census Bureau report is provided in the technical appendix (reference section: Vehicles Available on page 2 of 5 for supporting information). The report provides information relating to Manhasset which is defined by the Census Bureau as a CDP. CDP is the abbreviation for Census Designated Place, the statistical counterpart of incorporated places and are delineated to provide data for settled concentrations of population that identifiable by name but are not legally incorporated under the laws of the state in which they are located. CDPs are delineated cooperatively by state and local officials and the Census Bureau, following Census Bureau guidelines.

Based on the ITE and Census data the proposed site will provide apply parking to accommodate the anticipated demand.

## **SITE PARKING AND CIRCULATION**

The Institute of Transportation Engineers Traffic Engineering Handbook 5<sup>th</sup> Edition provides Parking Layout Dimension Guidelines. These guidelines classify residential developments as having medium to low parking turnover. The site design provides 8.5 foot wide parking stalls, a stall depth of 18 feet and aisle width of 24 feet. The proposed design adheres to these guidelines. The number of parking spaces provided exceeds the requirements of the zoning code.

Delivery vehicles will park on-site and access the building through the main lobby entrance. Emergency vehicles such as ambulances and police cars will enter the site from Community Drive. Larger emergency vehicles such as fire trucks can access the site via the main site access or from High Court via an emergency access.

## **CONSTRUCTION**

It is anticipated that the applicant will prepare a detailed construction staging plan prior to the start of construction. The applicant should coordinate with the Town of North Hempstead and the Nassau County Department of Public Works to minimize overlap between other projects that may be under construction at the same time as the subject site.



Based on the geometry of the site it is anticipated that Community Drive will be used as the construction site access. The size of the site provides ample room to accommodate a parking area for construction workers and/or for equipment and material storage. Construction is estimated to be completed within 15 months. Potential construction impacts will be short term and are not considered to require mitigation above and beyond the standard temporary work zone traffic control measures. These temporary work zone traffic control measures should conform to the Federal Manual of Traffic on Uniform Traffic Control Devices.

Work along Community Drive should be coordinated with the Nassau County Department of Public Works and will be completed under a County Highway Work Permit. The Nassau County Department of Public Works will oversee work within the right of way and will require the contractor to provide the necessary construction warning signs, barrels and flag personnel during all stages of construction within the right of way.

## **LEVEL OF SERVICE TABLES**

The following provides the results of the highway capacity analysis prepared for this project in terms of level of service and delay experienced at the study intersections, under the Existing, No Build and Build Conditions. The delay provided for signalized intersections represents the overall average intersection delay in seconds. The delay provided for stop controlled intersections represents the control delay on the critical approach in seconds. The technical appendix includes the highway capacity analysis output files detailing the level of service and delay at each of the study intersections.

The “Existing Condition” provides an analysis of the critical 15-minute period during the peak hour observed at the study intersections. The “No Build Condition” takes into account the background traffic growth that will increase the traffic volumes at the study intersections. To determine the future volume of traffic on the roadway network upon completion of the proposed project; the “Build Condition” considers the trip generation, trip distribution and no build traffic volumes.

Hamlet: Manhasset  
 Project No. M14-021

Intersection		Community Drive at Community Drive East											
Time Period		AM Peak Hour											
Condition		EXISTING											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	---	---	0.49	---	0.01	---	0.46	0.08	0.04	0.43	---	
Delay (sec)	---	---	---	27.7	---	24.4	---	4.8	1.0	3.1	4.6	---	
LOS	---	---	---	C	---	C	---	A	A	A	A	---	
Approach Delay (sec)	---	---	---	---	27.3	---	---	4.4	---	---	4.6	---	
Approach LOS	---	---	---	---	C	---	---	A	---	---	A	---	
Overall Delay (sec)	5.6												
Overall LOS	A												

Condition		NO BUILD											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	---	---	0.50	---	0.01	---	0.46	0.08	0.04	0.43	---	
Delay (sec)	---	---	---	27.7	---	24.4	---	4.8	1.0	3.2	4.6	---	
LOS	---	---	---	C	---	C	---	A	A	A	A	---	
Approach Delay (sec)	---	---	---	---	27.3	---	---	4.4	---	---	4.6	---	
Approach LOS	---	---	---	---	C	---	---	A	---	---	A	---	
Overall Delay (sec)	5.6												
Overall LOS	A												

Condition		BUILD											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	0.02	---	0.58	0.01	---	0.01	0.46	0.08	0.04	0.43	---	
Delay (sec)	---	25.7	---	32.1	25.7	---	3.1	5.0	3.3	3.3	4.8	---	
LOS	---	C	---	C	C	---	A	A	A	A	A	---	
Approach Delay (sec)	---	25.7	---	---	31.3	---	---	4.9	---	---	4.8	---	
Approach LOS	---	C	---	---	C	---	---	A	---	---	A	---	
Overall Delay (sec)	6.2												
Overall LOS	A												

Condition		NO BUILD TO BUILD COMPARISON											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio				0.08	0.00			0.00	0.00	0.00	0.00		
Delay (sec)				4.4	1.3			0.2	2.3	0.1	0.2		
LOS				---	---			---	---	---	---		
Approach Delay (sec)					4.0			0.5			0.2		
Approach LOS					---			---			---		
Overall Delay (sec)	0.6												
Overall LOS	---												

Hamlet: Manhasset  
 Project No. M14-021

Intersection		Community Drive at Community Drive East											
Time Period		PM Peak Hour											
Condition		EXISTING											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	---	---	0.53	---	0.02	---	0.45	0.09	0.12	0.46	---	
Delay (sec)	---	---	---	26.7	---	22.7	---	5.9	1.0	4.9	6.0	---	
LOS	---	---	---	C	---	C	---	A	A	A	A	---	
Approach Delay (sec)	---	---	---	---	26.1	---	---	5.4	---	---	6.0	---	
Approach LOS	---	---	---	---	C	---	---	A	---	---	A	---	
Overall Delay (sec)	7.2												
Overall LOS	A												

Condition		NO BUILD											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	---	---	0.54	---	0.02	---	0.45	0.09	0.12	0.47	---	
Delay (sec)	---	---	---	26.7	---	22.7	---	5.9	1.0	4.1	5.4	---	
LOS	---	---	---	C	---	C	---	A	A	A	A	---	
Approach Delay (sec)	---	---	---	---	26.1	---	---	5.4	---	---	6.0	---	
Approach LOS	---	---	---	---	C	---	---	A	---	---	A	---	
Overall Delay (sec)	7.2												
Overall LOS	A												

Condition		BUILD											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	0.01	---	0.69	0.02	---	0.02	0.45	0.09	0.12	0.46	---	
Delay (sec)	---	23.3	---	34.6	23.4	---	3.9	5.8	4.0	4.8	5.9	---	
LOS	---	C	---	C	C	---	A	A	A	A	A	---	
Approach Delay (sec)	---	23.3	---	---	32.8	---	---	5.6	---	---	5.9	---	
Approach LOS	---	C	---	---	C	---	---	A	---	---	A	---	
Overall Delay (sec)	7.8												
Overall LOS	A												

Condition		NO BUILD TO BUILD COMPARISON											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio				0.15	0.00			0.00	0.00	0.00	-0.01		
Delay (sec)				7.9	0.7			-0.1	3.0	0.7	0.5		
LOS				---	---			---	---	---	---		
Approach Delay (sec)					6.7			0.2			-0.1		
Approach LOS					---			---			---		
Overall Delay (sec)	0.6												
Overall LOS	---												

Hamlet: Manhasset  
 Project No. M14-021

Intersection	Community Drive at Community Drive East											
Time Period	Saturday Peak Hour											

Condition	EXISTING											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	---	---	0.57	---	0.01	---	0.28	0.13	0.02	0.33	---
Delay (sec)	---	---	---	26.6	---	21.6	---	5.3	1.1	4.2	5.6	---
LOS	---	---	---	C	---	C	---	A	A	A	A	---
Approach Delay (sec)		---			26.3			4.3			5.6	
Approach LOS		---			C			A			A	
Overall Delay (sec)	7.3											
Overall LOS	A											

Condition	NO BUILD											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	---	---	0.58	---	0.01	---	0.29	0.13	0.02	0.33	---
Delay (sec)	---	---	---	26.6	---	21.6	---	5.3	1.1	4.2	5.6	---
LOS	---	---	---	C	---	C	---	A	A	A	A	---
Approach Delay (sec)		---			26.3			4.3			5.6	
Approach LOS		---			C			A			A	
Overall Delay (sec)	7.3											
Overall LOS	A											

Condition	BUILD											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.02	---	0.67	0.01	---	0.02	0.29	0.13	0.02	0.33	---
Delay (sec)	---	22.4	---	32.0	22.4	---	4.7	5.8	5.2	4.7	6.1	---
LOS	---	C	---	C	C	---	A	A	A	A	A	---
Approach Delay (sec)		22.4			31.5			5.7			6.1	
Approach LOS		C			C			A			A	
Overall Delay (sec)	8.8											
Overall LOS	A											

Condition	NO BUILD TO BUILD COMPARISON											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio				0.09	0.00			0.00	0.00	0.00	0.00	
Delay (sec)				5.4	0.8			0.5	4.1	0.5	0.5	
LOS				---	---			---	---	---	---	
Approach Delay (sec)					5.2			1.4			0.5	
Approach LOS					---			---			---	
Overall Delay (sec)	1.5											
Overall LOS	---											

Hamlet: Manhasset  
 Project No. M14-021

Intersection		Community Drive at North Shore Hospital Entrance No. 3											
Time Period		AM Peak Hour											
Condition		EXISTING											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	---	---	0.52	---	0.16	---	1.00	0.36	0.57	0.44	---	
Delay (sec)	---	---	---	22.6	---	16.1	---	39.2	4.8	14.8	7.0	---	
LOS	---	---	---	C	---	B	---	D	A	B	A	---	
Approach Delay (sec)	---	---	---	---	21.5	---	---	30.9	---	---	8.1	---	
Approach LOS	---	---	---	---	C	---	---	C	---	---	A	---	
Overall Delay (sec)	22.8												
Overall LOS	C												

Condition		NO BUILD											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	---	---	0.51	---	0.16	---	1.01	0.37	0.57	0.45	---	
Delay (sec)	---	---	---	22.6	---	16.1	---	41.0	4.8	15.0	7.0	---	
LOS	---	---	---	C	---	B	---	D	A	B	A	---	
Approach Delay (sec)	---	---	---	---	21.5	---	---	32.2	---	---	8.2	---	
Approach LOS	---	---	---	---	C	---	---	C	---	---	A	---	
Overall Delay (sec)	23.6												
Overall LOS	C												

Condition		BUILD											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	---	---	0.51	---	0.16	---	1.01	0.37	0.57	0.45	---	
Delay (sec)	---	---	---	22.6	---	16.1	---	41.4	4.8	15.0	7.1	---	
LOS	---	---	---	C	---	B	---	D	A	B	A	---	
Approach Delay (sec)	---	---	---	---	21.5	---	---	32.6	---	---	8.2	---	
Approach LOS	---	---	---	---	C	---	---	C	---	---	A	---	
Overall Delay (sec)	23.8												
Overall LOS	C												

Condition		NO BUILD TO BUILD COMPARISON											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio				0.00		0.00		0.00	0.00	0.00	0.00		
Delay (sec)				0.0		0.0		0.4	0.0	0.0	0.1		
LOS				---		---		---	---	---	---		
Approach Delay (sec)					0.0			0.4			0.0		
Approach LOS					---			---			---		
Overall Delay (sec)	0.2												
Overall LOS	---												

Hamlet: Manhasset  
 Project No. M14-021

Intersection		Community Drive at North Shore Hospital Entrance No. 3											
Time Period		PM Peak Hour											
Condition		EXISTING											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	---	---	0.80	---	0.29	---	0.68	0.11	0.28	0.75	---	
Delay (sec)	---	---	---	27.8	---	15.8	---	18.8	3.5	9.4	14.1	---	
LOS	---	---	---	C	---	B	---	B	A	A	B	---	
Approach Delay (sec)	---	---	---	---	25.4	---	---	16.4	---	---	13.8	---	
Approach LOS	---	---	---	---	C	---	---	B	---	---	B	---	
Overall Delay (sec)	17.6												
Overall LOS	B												

Condition		NO BUILD											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	---	---	0.80	---	0.29	---	0.69	0.11	0.29	0.76	---	
Delay (sec)	---	---	---	28.0	---	15.8	---	18.9	3.5	9.5	14.2	---	
LOS	---	---	---	C	---	B	---	B	A	A	B	---	
Approach Delay (sec)	---	---	---	---	25.6	---	---	16.5	---	---	13.9	---	
Approach LOS	---	---	---	---	C	---	---	B	---	---	B	---	
Overall Delay (sec)	17.7												
Overall LOS	B												

Condition		BUILD											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio	---	---	---	0.80	---	0.29	---	0.69	0.11	0.29	0.76	---	
Delay (sec)	---	---	---	28.0	---	15.8	---	19.0	3.5	9.5	14.2	---	
LOS	---	---	---	C	---	B	---	B	A	A	B	---	
Approach Delay (sec)	---	---	---	---	25.6	---	---	16.6	---	---	14.0	---	
Approach LOS	---	---	---	---	C	---	---	B	---	---	B	---	
Overall Delay (sec)	17.8												
Overall LOS	B												

Condition		NO BUILD TO BUILD COMPARISON											
Direction	Eastbound			Westbound			Northbound			Southbound			
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right	
V/C Ratio				0.00		0.00		0.00	0.00	0.00	0.00		
Delay (sec)				0.0		0.0		0.1	0.0	0.0	0.0		
LOS				---		---		---	---	---	---		
Approach Delay (sec)					0.0			0.1			0.1		
Approach LOS					---			---			---		
Overall Delay (sec)	0.1												
Overall LOS	---												

Hamlet: Manhasset  
 Project No. M14-021

Intersection	Community Drive at North Shore Hospital Entrance No. 3											
Time Period	Saturday Peak Hour											
Condition	EXISTING											
Direction	Eastbound			Westbound			Northbound			Southbound		
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
V/C Ratio	---	---	---	0.35	---	0.03	---	0.45	0.12	0.18	0.39	---
Delay (sec)	---	---	---	24.0	---	18.6	---	9.4	3.6	4.0	4.7	---
LOS	---	---	---	C	---	B	---	A	A	A	A	---
Approach Delay (sec)	---	---	---	---	22.7	---	---	8.3	---	---	4.6	---
Approach LOS	---	---	---	---	C	---	---	A	---	---	A	---
Overall Delay (sec)							8.0					
Overall LOS							A					

Condition	NO BUILD											
Direction	Eastbound			Westbound			Northbound			Southbound		
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
V/C Ratio	---	---	---	0.36	---	0.03	---	0.45	0.12	0.18	0.39	---
Delay (sec)	---	---	---	24.0	---	18.6	---	9.5	3.6	4.0	4.7	---
LOS	---	---	---	C	---	B	---	A	A	A	A	---
Approach Delay (sec)	---	---	---	---	22.7	---	---	8.3	---	---	4.6	---
Approach LOS	---	---	---	---	C	---	---	A	---	---	A	---
Overall Delay (sec)							8.0					
Overall LOS							A					

Condition	BUILD											
Direction	Eastbound			Westbound			Northbound			Southbound		
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
V/C Ratio	---	---	---	0.36	---	0.03	---	0.46	0.12	0.18	0.40	---
Delay (sec)	---	---	---	24.0	---	18.6	---	9.5	3.6	4.0	4.7	---
LOS	---	---	---	C	---	B	---	A	A	A	A	---
Approach Delay (sec)	---	---	---	---	22.7	---	---	8.3	---	---	4.6	---
Approach LOS	---	---	---	---	C	---	---	A	---	---	A	---
Overall Delay (sec)							8.1					
Overall LOS							A					

Condition	NO BUILD TO BUILD COMPARISON											
Direction	Eastbound			Westbound			Northbound			Southbound		
Movement	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
V/C Ratio				0.00		0.00		0.01	0.00	0.00	0.01	
Delay (sec)				0.0		0.0		0.0	0.0	0.0	0.0	
LOS				---		---		---	---	---	---	
Approach Delay (sec)					0.0			0.0			0.0	
Approach LOS					---			---			---	
Overall Delay (sec)							0.1					
Overall LOS							---					



Intersection	Community Drive East at Fire Department Driveway											
Time Period	AM Peak Hour											

Condition	EXISTING											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.08	---	---	0.00	---	---	0.01	---	---	---	---
Delay (sec)	---	0.0	---	---	0.2	---	---	10.1	---	---	---	---
LOS	---	A	---	---	A	---	---	B	---	---	---	---
Approach Delay (sec)		0.0			0.2			10.1				
Approach LOS		A			A			B				
Overall Delay (sec)	0.2											
Overall LOS	A											

Condition	NO BUILD											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.08	---	---	0.00	---	---	0.01	---	---	---	---
Delay (sec)	---	0.0	---	---	0.2	---	---	10.1	---	---	---	---
LOS	---	A	---	---	A	---	---	B	---	---	---	---
Approach Delay (sec)		0.0			0.2			10.1				
Approach LOS		A			A			B				
Overall Delay (sec)	0.2											
Overall LOS	A											

Condition	BUILD											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.08	---	---	0.00	---	---	0.01	---	---	---	---
Delay (sec)	---	0.0	---	---	0.2	---	---	10.1	---	---	---	---
LOS	---	A	---	---	A	---	---	B	---	---	---	---
Approach Delay (sec)		0.0			0.2			10.1				
Approach LOS		A			A			B				
Overall Delay (sec)	0.2											
Overall LOS	A											

Condition	NO BUILD TO BUILD COMPARISON											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.00	---	---	0.00	---	---	0.00	---	---	---	---
Delay (sec)	---	0.0	---	---	0.0	---	---	0.0	---	---	---	---
LOS	---	---	---	---	---	---	---	---	---	---	---	---
Approach Delay (sec)		0.0			0.0			0.0				
Approach LOS		---			---			---				
Overall Delay (sec)	0.0											
Overall LOS	---											

Intersection	Community Drive East at Fire Department Driveway											
Time Period	PM Peak Hour											

Condition	EXISTING											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.10	---	---	0.01	---	---	0.01	---	---	---	---
Delay (sec)	---	0.0	---	---	0.3	---	---	11.0	---	---	---	---
LOS	---	A	---	---	A	---	---	B	---	---	---	---
Approach Delay (sec)		0.0			0.3			11.0				
Approach LOS		A			A			B				
Overall Delay (sec)	0.3											
Overall LOS	A											

Condition	NO BUILD											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.10	---	---	0.01	---	---	0.01	---	---	---	---
Delay (sec)	---	0.0	---	---	0.3	---	---	11.0	---	---	---	---
LOS	---	A	---	---	A	---	---	B	---	---	---	---
Approach Delay (sec)		0.0			0.3			11.0				
Approach LOS		A			A			B				
Overall Delay (sec)	0.3											
Overall LOS	A											

Condition	BUILD											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.10	---	---	0.01	---	---	0.01	---	---	---	---
Delay (sec)	---	0.0	---	---	0.3	---	---	11.0	---	---	---	---
LOS	---	A	---	---	A	---	---	B	---	---	---	---
Approach Delay (sec)		0.0			0.3			11.0				
Approach LOS		A			A			B				
Overall Delay (sec)	0.3											
Overall LOS	A											

Condition	NO BUILD TO BUILD COMPARISON											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.00	---	---	0.00	---	---	0.00	---	---	---	---
Delay (sec)	---	0.0	---	---	0.0	---	---	0.0	---	---	---	---
LOS	---	---	---	---	---	---	---	---	---	---	---	---
Approach Delay (sec)		0.0			0.0			0.0				
Approach LOS		---			---			---				
Overall Delay (sec)	0.0											
Overall LOS	---											

Intersection	<b>Community Drive East at Fire Department Driveway</b>
Time Period	<b>Saturday Peak Hour</b>

Condition	EXISTING											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.13	---	---	0.00	---	---	0.00	---	---	---	---
Delay (sec)	---	0.0	---	---	0.0	---	---	11.2	---	---	---	---
LOS	---	A	---	---	A	---	---	B	---	---	---	---
Approach Delay (sec)		0.0			0.0			11.2				
Approach LOS		A			A			B				
Overall Delay (sec)	0.1											
Overall LOS	A											

Condition	NO BUILD											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.14	---	---	0.00	---	---	0.00	---	---	---	---
Delay (sec)	---	0.0	---	---	0.0	---	---	11.2	---	---	---	---
LOS	---	A	---	---	A	---	---	B	---	---	---	---
Approach Delay (sec)		0.0			0.0			11.2				
Approach LOS		A			A			B				
Overall Delay (sec)	0.1											
Overall LOS	A											

Condition	BUILD											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.14	---	---	0.00	---	---	0.00	---	---	---	---
Delay (sec)	---	0.0	---	---	0.3	---	---	11.0	---	---	---	---
LOS	---	A	---	---	A	---	---	B	---	---	---	---
Approach Delay (sec)		0.0			0.0			11.2				
Approach LOS		A			A			B				
Overall Delay (sec)	0.1											
Overall LOS	A											

Condition	NO BUILD TO BUILD COMPARISON											
	Eastbound			Westbound			Northbound			Southbound		
Direction	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Movement												
V/C Ratio	---	0.00	---	---	0.00	---	---	0.00	---	---	---	---
Delay (sec)	---	0.0	---	---	0.3	---	---	-0.2	---	---	---	---
LOS	---	---	---	---	---	---	---	---	---	---	---	---
Approach Delay (sec)		0.0			0.0			0.0				
Approach LOS		---			---			---				
Overall Delay (sec)	0.0											
Overall LOS	---											

## **POTENTIAL LEVEL OF SERVICE IMPACTS BUILD CONDITIONS**

01. Community Drive at Community Drive East/Site Access \_\_\_\_\_No Impact
02. Community Drive at North Shore Community Hospital (main access) \_\_\_\_\_No Impact
03. Community Drive East at Manhasset Lakeville Fire \_\_\_\_\_No Impact

## **FINDINGS**

The highway capacity analysis of the study intersections shows that the development of this property will have no perceptible impact to the level of service on the surrounding roadway network.

## **OFF SITE IMPROVEMENTS**

The site access design seeks to improve the intersection of Community Drive and Community Drive East with a new traffic signal. The new signal will control the existing approaches as well as the proposed site access. The existing pavement markings will be altered to provide a dedicated northbound left turn lane. The westbound approach will also be modified to provide a shared right-through lane. The traffic signal phasing will be altered to accommodate the new eastbound approach. The traffic signal and intersection improvements will require the review and approval of the Nassau County Department of Public Works. The applicant would be responsible for the cost associated with these improvements.

## **MITIGATION**

No mitigation measures were found to be warranted based on a comparison of the existing and proposed conditions on the surrounding roadway network.

## CONCLUSIONS

In summary, the proposed project will improve the site with a 72 Senior Affordable Housing Apartment Units providing a total of 98 parking spaces. The parking provided exceeds the 49 spaces required by the Town of North Hempstead.

The site design provides 8.5 foot wide parking stalls, a stall depth of 18 feet and aisle width of 24 feet. The site design adheres to the guidelines set forth by the Institute of Transportation Engineer for residential developments.

The site access design, illustrated on the site plan prepared by PS&S, proposes a single site access on Community Drive and an emergency access from High Court. The site access on Community Drive will be aligned with Community Drive East. The applicant will modify the existing traffic signal to facilitate full signalized access to and from the subject site. The proposed site access design is subject to the review and approval of the Town of North Hempstead and the Nassau County Department of Public Works. The applicant would be responsible for the cost associated with these improvements.

No mitigation measures were found to be warranted based on a comparison of the existing and proposed conditions on the surrounding roadway network.

The highway capacity analysis of the study intersections shows that the development of this property will have no perceptible impact to the level of service on the surrounding roadway network.

# TECHNICAL APPENDIX

**SECTION NO. 01 ..... TRAFFIC VOLUME DATA**  
**SECTION NO. 02 ..... TRIP & PARKING GENERATION STUDY**  
**SECTION NO. 03 ..... US CENSUS DATA**  
**SECTION NO. 04 ..... FIGURES**  
**SECTION NO. 05 ..... HIGHWAY CAPACITY ANALYSIS DESCRIPTION**  
**SECTION NO. 06 ..... HIGHWAY CAPACITY ANALYSIS**

**SECTION NO. 01 ..... TRAFFIC VOLUME DATA**

Hamlet: Manhasset  
Project No. M14-021

Growth Factor: 0.25%  
No. of Years: 2  
Growth Rate: 1.005

ITE Trip Generation Data			
	AM	PM	SAT
Enter	5	10	13
Exit	10	8	10
Total	15	18	23

Community Drive at E Community Drive/Site Access		Southbound				Westbound				Northbound				Eastbound				Total
		U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	
Site Generated Volume	AM	---	1	---	---	---	0	---	---	---	---	4	---	7	1	3	15	
	PM	---	3	---	---	---	1	---	---	---	---	7	---	6	0	2	18	
	SAT	---	3	---	---	---	1	---	---	---	---	9	---	7	1	3	23	
Existing AM Peak Hour	8:00 AM	0	0	960	11	0	13	0	97	0	110	1019	0	0	0	0	2210	
Existing PM Peak Hour	4:45 PM	0	0	1025	35	0	27	0	150	0	130	994	0	0	0	0	2361	
Existing Sat Peak Hour	12:30 PM	0	0	709	10	0	10	0	177	0	190	612	0	0	0	0	1708	
AM Adjusted Flow Rate	0.894	---	0	1074	12	---	15	0	108	---	123	1140	0	---	0	0	2472	
PM Adjusted Flow Rate	0.943	---	0	1087	37	---	29	0	159	---	138	1054	0	---	0	0	2504	
Sat Adjusted Flow Rate	0.943	---	0	752	11	---	11	0	188	---	202	649	0	---	0	0	1812	
No Build AM	1.005	---	0	1079	12	---	15	0	109	---	124	1146	0	---	0	0	2484	
No Build PM	1.005	---	0	1093	37	---	29	0	160	---	139	1059	0	---	0	0	2517	
No Build Sat	1.005	---	0	756	11	---	11	0	189	---	203	653	0	---	0	0	1821	
Build AM Peak Hour		---	1	1079	12	---	15	0	109	---	124	1146	4	---	7	1	3	2499
Build PM Peak Hour		---	3	1093	37	---	29	1	160	---	139	1059	7	---	6	0	2	2535
Build Sat Peak Hour		---	3	756	11	---	11	1	189	---	203	653	9	---	7	1	3	1844
Community Drive at North Shore Hospital Main Access		Southbound				Westbound				Northbound				Eastbound				Total
		U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	
Site Generated Volume	AM	---	---	7	---	---	---	---	---	---	---	4	---	---	---	---	11	
	PM	---	---	6	---	---	---	---	---	---	---	7	---	---	---	---	13	
	SAT	---	---	7	---	---	---	---	---	---	---	9	---	---	---	---	16	
Existing AM Peak Hour	7:30 AM	0	0	912	155	0	74	0	347	0	490	1527	0	0	0	0	3505	
Existing PM Peak Hour	4:00 PM	0	0	1458	79	0	183	0	736	0	185	984	0	0	0	0	3625	
Existing Sat Peak Hour	12:00 PM	0	0	893	72	0	50	0	157	0	200	804	0	0	0	0	2176	
AM Adjusted Flow Rate	0.945	---	0	965	164	---	78	0	367	---	518	1615	0	---	0	0	3708	
PM Adjusted Flow Rate	0.971	---	0	1501	81	---	188	0	758	---	190	1013	0	---	0	0	3732	
Sat Adjusted Flow Rate	0.944	---	0	946	76	---	53	0	166	---	212	851	0	---	0	0	2304	
No Build AM	1.005	---	0	970	165	---	79	0	369	---	521	1624	0	---	0	0	3727	
No Build PM	1.005	---	0	1509	82	---	189	0	762	---	191	1018	0	---	0	0	3751	
No Build Sat	1.005	---	0	950	77	---	53	0	167	---	213	856	0	---	0	0	2316	
Build AM Peak Hour		---	0	977	165	---	79	0	369	---	521	1627	0	---	0	0	3737	
Build PM Peak Hour		---	0	1514	82	---	189	0	762	---	191	1025	0	---	0	0	3763	
Build Sat Peak Hour		---	0	957	77	---	53	0	167	---	213	865	0	---	0	0	2332	
East Community Drive at Fire House Entrance		Southbound				Westbound				Northbound				Eastbound				Total
		U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	
Site Generated Volume	AM	---	---	---	---	---	---	0	---	---	---	---	---	---	1	---	1	
	PM	---	---	---	---	---	---	1	---	---	---	---	---	---	0	---	1	
	SAT	---	---	---	---	---	---	1	---	---	---	---	---	---	1	---	1	
Existing AM Peak Hour	8:00 AM	0	0	0	0	0	0	103	2	0	0	0	3	0	2	107	0	217
Existing PM Peak Hour	5:00 PM	0	0	0	0	0	0	186	7	0	0	0	4	0	4	150	0	351
Existing Sat Peak Hour	12:30 PM	0	0	0	0	0	0	168	1	0	0	0	2	0	1	192	0	364
AM Adjusted Flow Rate	0.775	---	0	0	0	---	0	133	3	---	0	0	4	---	3	138	0	280
PM Adjusted Flow Rate	0.886	---	0	0	0	---	0	210	8	---	0	0	5	---	5	169	0	396
Sat Adjusted Flow Rate	0.843	---	0	0	0	---	0	199	1	---	0	0	2	---	1	228	0	432
No Build AM	1.005	---	0	0	0	---	0	134	3	---	0	0	4	---	3	139	0	281
No Build PM	1.005	---	0	0	0	---	0	211	8	---	0	0	5	---	5	170	0	398
No Build Sat	1.005	---	0	0	0	---	0	200	1	---	0	0	2	---	1	229	0	434
Build AM Peak Hour		---	0	0	0	---	0	134	3	---	0	0	4	---	3	139	0	282
Build PM Peak Hour		---	0	0	0	---	0	211	8	---	0	0	5	---	5	170	0	399
Build Sat Peak Hour		---	0	0	0	---	0	201	1	---	0	0	2	---	1	230	0	435



Hamlet: Manhasset  
 Project No. M14-021

Growth Factor: 0.50%  
 No. of Years: 2  
 Growth Rate: 1.010

ITE			
Trio Generation Data			
	AM	PM	SAT
Enter	5	10	13
Exit	10	8	10
Total	15	18	23

Community Drive at E Community Drive		Southbound				Westbound				Northbound				Eastbound				Total
		U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	
Proposed Distribution	Entering	25%				5%				70%								100%
Proposed Distribution	Exiting													70% 5% 25%				100%
Site Generated Volume	AM	---	1.3	---	---	---	---	0.3	---	---	---	---	3.5	---	7.0	0.5	2.5	15
	PM	---	2.5	---	---	---	---	0.5	---	---	---	---	7.0	---	5.6	0.4	2.0	18
	SAT	---	3.3	---	---	---	---	0.7	---	---	---	---	9.1	---	7.0	0.5	2.5	23
Community Drive at North Shore Hospital Main Access		Southbound				Westbound				Northbound				Eastbound				Total
		U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	
Proposed Distribution	Entering									70%								70%
Proposed Distribution	Exiting	70%																70%
Site Generated Volume	AM	---	---	7.0	---	---	---	---	---	---	---	3.5	---	---	---	---	---	11
	PM	---	---	5.6	---	---	---	---	---	---	---	7.0	---	---	---	---	---	13
	SAT	---	---	7.0	---	---	---	---	---	---	---	9.1	---	---	---	---	---	16
East Community Drive at Fire House Entrance		Southbound				Westbound				Northbound				Eastbound				Total
		U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	
Proposed Distribution	Entering					5%												5%
Proposed Distribution	Exiting													5%				5%
Site Generated Volume	AM	---	---	---	---	---	---	0.3	---	---	---	---	---	---	---	0.5	---	1
	PM	---	---	---	---	---	---	0.5	---	---	---	---	---	---	---	0.4	---	1
	SAT	---	---	---	---	---	---	0.7	---	---	---	---	---	---	---	0.5	---	1

Hamlet: Manhasset			Project No. M14-021																	
Community Drive at E Community Drive/Site Access			Southbound				Westbound				Northbound				Eastbound				Vehicle Total	
			U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left		
<b>AM Turning Movement Counts</b>	7:00 AM		0	0	151	0	0	0	13	0	11	174	0	0	0	0	0	0	349	
	7:15 AM		0	0	183	0	0	4	12	0	15	210	0	0	0	0	0	0	424	
	7:30 AM		0	0	213	4	0	3	25	0	24	291	0	0	0	0	0	0	560	
	7:45 AM		0	0	222	1	0	3	32	0	19	277	0	0	0	0	0	0	554	
	8:00 AM		0	0	218	5	0	3	27	0	24	277	0	0	0	0	0	0	554	
	8:15 AM		0	0	246	2	0	1	23	0	18	221	0	0	0	0	0	0	511	
	8:30 AM		0	0	232	2	0	7	19	0	26	241	0	0	0	0	0	0	527	
	8:45 AM		0	0	264	2	0	2	28	0	42	280	0	0	0	0	0	0	618	
	7:00 AM	to	8:00 AM	0	0	769	5	0	10	82	0	69	952	0	0	0	0	0	0	1887
	7:15 AM	to	8:15 AM	0	0	836	10	0	13	96	0	82	1055	0	0	0	0	0	0	2092
	7:30 AM	to	8:30 AM	0	0	899	12	0	10	107	0	85	1066	0	0	0	0	0	0	2179
7:45 AM	to	8:45 AM	0	0	918	10	0	14	101	0	87	1016	0	0	0	0	0	0	2146	
8:00 AM	to	9:00 AM	0	0	960	11	0	13	97	0	110	1019	0	0	0	0	0	0	2210	
<b>Midday Turning Movement Counts</b>	12:00 PM																		0	
	12:15 PM																		0	
	12:30 PM																		0	
	12:45 PM																		0	
	1:00 PM																		0	
	1:15 PM																		0	
	1:30 PM																		0	
	1:45 PM																		0	
	12:00 PM	to	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	to	1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	to	1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12:45 PM	to	1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:00 PM	to	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>PM Turning Movement Counts</b>	4:00 PM		0	0	225	5	0	6	29	0	42	270	0	0	0	0	0	0	577	
	4:15 PM		0	0	260	8	0	6	26	0	38	220	0	0	0	0	0	0	558	
	4:30 PM		0	0	277	13	0	8	26	0	31	243	0	0	0	0	0	0	598	
	4:45 PM		0	0	318	9	0	6	21	0	28	244	0	0	0	0	0	0	626	
	5:00 PM		0	0	220	5	0	9	49	0	27	229	0	0	0	0	0	0	539	
	5:15 PM		0	0	226	13	0	10	33	0	37	267	0	0	0	0	0	0	586	
	5:30 PM		0	0	261	8	0	2	47	0	38	254	0	0	0	0	0	0	610	
	5:45 PM		0	0	266	4	0	1	46	0	15	214	0	0	0	0	0	0	546	
	4:00 PM	to	5:00 PM	0	0	1080	35	0	26	102	0	139	977	0	0	0	0	0	0	2359
	4:15 PM	to	5:15 PM	0	0	1075	35	0	29	122	0	124	936	0	0	0	0	0	0	2321
	4:30 PM	to	5:30 PM	0	0	1041	40	0	33	129	0	123	983	0	0	0	0	0	0	2349
4:45 PM	to	5:45 PM	0	0	1025	35	0	27	150	0	130	994	0	0	0	0	0	0	2361	
5:00 PM	to	6:00 PM	0	0	973	30	0	22	175	0	117	964	0	0	0	0	0	0	2281	
<b>Saturday Turning Movement Counts</b>	12:00 PM		0	0	178	8	0	4	27	0	45	163	0	0	0	0	0	0	425	
	12:15 PM		0	0	179	5	0	5	36	0	43	160	0	0	0	0	0	0	428	
	12:30 PM		0	0	166	4	0	2	43	0	57	168	0	0	0	0	0	0	440	
	12:45 PM		0	0	166	2	0	3	37	0	33	149	0	0	0	0	0	0	390	
	1:00 PM		0	0	189	1	0	2	49	0	46	138	0	0	0	0	0	0	425	
	1:15 PM		0	0	188	3	0	3	48	0	54	157	0	0	0	0	0	0	453	
	1:30 PM		0	0	182	3	0	3	30	0	50	144	0	0	0	0	0	0	412	
	1:45 PM		0	0	158	3	0	2	35	0	38	166	0	0	0	0	0	0	402	
	12:00 PM	to	1:00 PM	0	0	689	19	0	14	143	0	178	640	0	0	0	0	0	0	1683
	12:15 PM	to	1:15 PM	0	0	700	12	0	12	165	0	179	615	0	0	0	0	0	0	1683
	12:30 PM	to	1:30 PM	0	0	709	10	0	10	177	0	190	612	0	0	0	0	0	0	1708
12:45 PM	to	1:45 PM	0	0	725	9	0	11	164	0	183	588	0	0	0	0	0	0	1680	
1:00 PM	to	2:00 PM	0	0	717	10	0	10	162	0	188	605	0	0	0	0	0	0	1692	
<b>Peak Hour</b>	<b>PHF</b>	<b>Start Time</b>																		
	AM	0.894	8:00 AM	0	0	960	11	0	13	97	0	110	1019	0	0	0	0	0	0	2210
	Midday		12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PM	0.943	4:45 PM	0	0	1025	35	0	27	150	0	130	994	0	0	0	0	0	0	2361
Saturday	0.943	12:30 PM	0	0	709	10	0	10	177	0	190	612	0	0	0	0	0	0	1708	

Hamlet: Manhasset			Study Intersection No. 2																	
Project No. M14-021			Southbound				Westbound				Northbound				Eastbound				Vehicle	
Community Drive at North Shore Hospital Main Access			U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	Total	
<b>AM Turning Movement Counts</b>	7:00 AM		0	0	154	24	0	11	0	64	0	142	261	0	0	0	0	0	656	
	7:15 AM		0	0	165	35	0	12	0	134	0	124	312	0	0	0	0	0	782	
	7:30 AM		0	0	220	26	0	21	0	132	0	127	382	0	0	0	0	0	908	
	7:45 AM		0	0	230	49	0	17	0	88	0	150	393	0	0	0	0	0	927	
	8:00 AM		0	0	221	39	0	17	0	68	0	111	418	0	0	0	0	0	874	
	8:15 AM		0	0	241	41	0	19	0	59	0	102	334	0	0	0	0	0	796	
	8:30 AM		0	0	243	36	0	15	0	38	0	132	381	0	0	0	0	0	845	
	8:45 AM		0	0	280	41	0	20	0	49	0	121	437	0	0	0	0	0	948	
	7:00 AM	to	8:00 AM	0	0	769	134	0	61	0	418	0	543	1348	0	0	0	0	0	3273
	7:15 AM	to	8:15 AM	0	0	836	149	0	67	0	422	0	512	1505	0	0	0	0	0	3491
7:30 AM	to	8:30 AM	0	0	912	155	0	74	0	347	0	490	1527	0	0	0	0	0	3505	
7:45 AM	to	8:45 AM	0	0	935	165	0	68	0	253	0	495	1526	0	0	0	0	0	3442	
8:00 AM	to	9:00 AM	0	0	985	157	0	71	0	214	0	466	1570	0	0	0	0	0	3463	
<b>Midday Turning Movement Counts</b>	12:00 PM																		0	
	12:15 PM																		0	
	12:30 PM																		0	
	12:45 PM																		0	
	1:00 PM																		0	
	1:15 PM																		0	
	1:30 PM																		0	
	1:45 PM																		0	
	12:00 PM	to	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	to	1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	to	1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12:45 PM	to	1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:00 PM	to	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>PM Turning Movement Counts</b>	4:00 PM		0	0	310	21	0	44	0	225	0	37	282	0	0	0	0	0	919	
	4:15 PM		0	0	380	20	0	44	0	198	0	45	218	0	0	0	0	0	905	
	4:30 PM		0	0	339	19	0	48	0	164	0	52	246	0	0	0	0	0	868	
	4:45 PM		0	0	429	19	0	47	0	149	0	51	238	0	0	0	0	0	933	
	5:00 PM		0	0	310	9	0	40	0	203	0	44	209	0	0	0	0	0	815	
	5:15 PM		0	0	402	17	0	54	0	203	0	35	216	0	0	0	0	0	927	
	5:30 PM		0	0	443	14	0	30	0	134	0	54	230	0	0	0	0	0	905	
	5:45 PM		0	0	424	22	0	32	0	126	0	44	228	0	0	0	0	0	876	
	4:00 PM	to	5:00 PM	0	0	1458	79	0	183	0	736	0	185	984	0	0	0	0	0	3625
	4:15 PM	to	5:15 PM	0	0	1458	67	0	179	0	714	0	192	911	0	0	0	0	0	3521
4:30 PM	to	5:30 PM	0	0	1480	64	0	189	0	719	0	182	909	0	0	0	0	0	3543	
4:45 PM	to	5:45 PM	0	0	1584	59	0	171	0	689	0	184	893	0	0	0	0	0	3580	
5:00 PM	to	6:00 PM	0	0	1579	62	0	156	0	666	0	177	883	0	0	0	0	0	3523	
<b>Saturday Turning Movement Counts</b>	12:00 PM		0	0	225	14	0	10	0	40	0	50	203	0	0	0	0	0	542	
	12:15 PM		0	0	235	16	0	10	0	48	0	53	214	0	0	0	0	0	576	
	12:30 PM		0	0	213	12	0	18	0	41	0	55	211	0	0	0	0	0	550	
	12:45 PM		0	0	220	30	0	12	0	28	0	42	176	0	0	0	0	0	508	
	1:00 PM		0	0	213	25	0	10	0	35	0	39	203	0	0	0	0	0	525	
	1:15 PM		0	0	209	20	0	9	0	30	0	50	203	0	0	0	0	0	521	
	1:30 PM		0	0	200	19	0	12	0	33	0	44	189	0	0	0	0	0	497	
	1:45 PM		0	0	191	26	0	10	0	27	0	51	200	0	0	0	0	0	505	
	12:00 PM	to	1:00 PM	0	0	893	72	0	50	0	157	0	200	804	0	0	0	0	0	2176
	12:15 PM	to	1:15 PM	0	0	881	83	0	50	0	152	0	189	804	0	0	0	0	0	2159
12:30 PM	to	1:30 PM	0	0	855	87	0	49	0	134	0	186	793	0	0	0	0	0	2104	
12:45 PM	to	1:45 PM	0	0	842	94	0	43	0	126	0	175	771	0	0	0	0	0	2051	
1:00 PM	to	2:00 PM	0	0	813	90	0	41	0	125	0	184	795	0	0	0	0	0	2048	
<b>Peak Hour</b>	<b>PHF</b>	<b>Start Time</b>																		
	AM	0.945	7:30 AM	0	0	912	155	0	74	0	347	0	490	1527	0	0	0	0	0	3505
	Midday		12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PM	0.971	4:00 PM	0	0	1458	79	0	183	0	736	0	185	984	0	0	0	0	0	3625
Saturday	0.944	12:00 PM	0	0	893	72	0	50	0	157	0	200	804	0	0	0	0	0	2176	

Hamlet: Manhasset			Project No. M14-021																	
East Community Drive at Fire House Entrance			Southbound				Westbound				Northbound				Eastbound				Vehicle Total	
			U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left	U-Turn	Right	Through	Left		
<b>AM Turning Movement Counts</b>	7:00 AM		0	0	0	0	0	0	14	0	0	0	0	0	0	0	10	0	24	
	7:15 AM		0	0	0	0	0	0	16	1	0	0	0	0	0	0	17	0	34	
	7:30 AM		0	0	0	0	0	0	26	0	0	0	0	0	0	0	22	0	48	
	7:45 AM		0	0	0	0	0	0	34	2	0	1	0	0	0	0	18	0	55	
	8:00 AM		0	0	0	0	0	0	28	0	0	0	0	1	0	0	28	0	57	
	8:15 AM		0	0	0	0	0	0	23	0	0	0	0	0	0	1	17	0	41	
	8:30 AM		0	0	0	0	0	0	22	1	0	0	0	2	0	1	23	0	49	
	8:45 AM		0	0	0	0	0	0	30	1	0	0	0	0	0	0	39	0	70	
	7:00 AM	to	8:00 AM	0	0	0	0	0	0	90	3	0	1	0	0	0	0	67	0	161
	7:15 AM	to	8:15 AM	0	0	0	0	0	0	104	3	0	1	0	1	0	0	85	0	194
7:30 AM	to	8:30 AM	0	0	0	0	0	0	111	2	0	1	0	1	0	1	85	0	201	
7:45 AM	to	8:45 AM	0	0	0	0	0	0	107	3	0	1	0	3	0	2	86	0	202	
8:00 AM	to	9:00 AM	0	0	0	0	0	0	103	2	0	0	0	3	0	2	107	0	217	
<b>Midday Turning Movement Counts</b>	12:00 PM																		0	
	12:15 PM																		0	
	12:30 PM																		0	
	12:45 PM																		0	
	1:00 PM																		0	
	1:15 PM																		0	
	1:30 PM																		0	
	1:45 PM																		0	
	12:00 PM	to	1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	to	1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	to	1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12:45 PM	to	1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:00 PM	to	2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>PM Turning Movement Counts</b>	4:00 PM		0	0	0	0	0	0	32	0	0	0	0	0	0	0	45	0	77	
	4:15 PM		0	0	0	0	0	0	31	0	0	0	0	0	0	0	45	0	76	
	4:30 PM		0	0	0	0	0	0	27	1	0	0	0	0	0	1	42	0	71	
	4:45 PM		0	0	0	0	0	0	27	3	0	1	0	0	0	0	35	0	66	
	5:00 PM		0	0	0	0	0	0	54	3	0	0	0	0	0	1	32	0	90	
	5:15 PM		0	0	0	0	0	0	40	1	0	0	0	0	0	1	50	0	92	
	5:30 PM		0	0	0	0	0	0	46	3	0	0	0	4	0	2	44	0	99	
	5:45 PM		0	0	0	0	0	0	46	0	0	0	0	0	0	0	24	0	70	
	4:00 PM	to	5:00 PM	0	0	0	0	0	0	117	4	0	1	0	0	0	1	167	0	290
	4:15 PM	to	5:15 PM	0	0	0	0	0	0	139	7	0	1	0	0	0	2	154	0	303
4:30 PM	to	5:30 PM	0	0	0	0	0	0	148	8	0	1	0	0	0	3	159	0	319	
4:45 PM	to	5:45 PM	0	0	0	0	0	0	167	10	0	1	0	4	0	4	161	0	347	
5:00 PM	to	6:00 PM	0	0	0	0	0	0	186	7	0	0	0	4	0	4	150	0	351	
<b>Saturday Turning Movement Counts</b>	12:00 PM		0	0	0	0	0	0	30	0	0	2	0	1	0	1	50	0	84	
	12:15 PM		0	0	0	0	0	0	38	0	0	0	0	0	0	0	45	0	83	
	12:30 PM		0	0	0	0	0	0	45	1	0	0	0	0	0	0	62	0	108	
	12:45 PM		0	0	0	0	0	0	32	0	0	0	0	0	0	0	31	0	63	
	1:00 PM		0	0	0	0	0	0	48	0	0	0	0	0	0	0	45	0	93	
	1:15 PM		0	0	0	0	0	0	43	0	0	0	0	2	0	1	54	0	100	
	1:30 PM		0	0	0	0	0	0	32	2	0	1	0	1	0	1	54	0	91	
	1:45 PM		0	0	0	0	0	0	35	0	0	0	0	0	0	0	41	0	76	
	12:00 PM	to	1:00 PM	0	0	0	0	0	0	145	1	0	2	0	1	0	1	188	0	338
	12:15 PM	to	1:15 PM	0	0	0	0	0	0	163	1	0	0	0	0	0	0	183	0	347
12:30 PM	to	1:30 PM	0	0	0	0	0	0	168	1	0	0	0	2	0	1	192	0	364	
12:45 PM	to	1:45 PM	0	0	0	0	0	0	155	2	0	1	0	3	0	2	184	0	347	
1:00 PM	to	2:00 PM	0	0	0	0	0	0	158	2	0	1	0	3	0	2	194	0	360	
<b>Peak Hour</b>	<b>PHF</b>	<b>Start Time</b>																		
	AM	0.775	8:00 AM	0	0	0	0	0	0	103	2	0	0	0	3	0	2	107	0	217
	Midday		12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PM	0.886	5:00 PM	0	0	0	0	0	0	186	7	0	0	0	4	0	4	150	0	351
Saturday	0.843	12:30 PM	0	0	0	0	0	0	168	1	0	0	0	2	0	1	192	0	364	

**SECTION NO. 02 .....TRIP & PARKING GENERATION STUDY**

Hamlet: Manhasset  
 Project No. M14-021

**Trip Generation Calculations**

**Proposed Development**

Land Use Code: 252  
 Land Use Description: Senior Adult Housing - Attached  
 Independent Variable: Number of Dwelling Units  
 Variable: 72  
 Source: Institute of Transportation Engineers, Trip Generation, 9th Edition 2012

	Directional Distribution	Rate	Standard Deviation	Adjustment Factor	Driveway Volume
7-9 AM Peak Hour Enter	34%	0.07	0.00	1.00	5
7-9 AM Peak Hour Exit	<u>66%</u>	<u>0.13</u>	0.00	1.00	<u>10</u>
7-9 AM Peak Hour Total	100%	0.20	0.45	1.00	14
AM Peak Hour Enter	46%	0.18	0.00	1.00	13
AM Peak Hour Exit	<u>54%</u>	<u>0.21</u>	0.00	1.00	<u>15</u>
AM Peak Hour Total	100%	0.39	0.64	1.00	28
PM Peak Hour Enter	55%	0.19	0.00	1.00	14
PM Peak Hour Exit	<u>45%</u>	<u>0.16</u>	0.00	1.00	<u>11</u>
PM Peak Hour Total	100%	0.35	0.60	1.00	25
4-6 PM Peak Hour Enter	54%	0.14	0.00	1.00	10
4-6 PM Peak Hour Exit	<u>46%</u>	<u>0.12</u>	0.00	1.00	<u>8</u>
4-6 PM Peak Hour Total	100%	0.25	0.50	1.00	18
Saturday Peak Hour Enter	57%	0.18	0.00	1.00	13
Saturday Peak Hour Exit	<u>43%</u>	<u>0.13</u>	0.00	1.00	<u>10</u>
Saturday Peak Hour Total	100%	0.31	0.56	1.00	22

**Parking Generation Calculations**

**Proposed Development**

Land Use Code: 252  
 Land Use Description: Senior Adult Housing - Attached  
 Independent Variable: Number of Dwelling Units  
 Variable: 72  
 Source: Institute of Transportation Engineers, Parking Generation, 4th Edition 2010

Weekday Peak Parking Demand:	Rate 0.59	Peak Parking Demand 42
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**SECTION NO. 03 .....US CENSUS DATA**

Hamlet: Manhasset  
 Project No. M14-021

**Population Growth Calculations**

Census Tract	Area (in square miles)	Population 2010	Population Change			Distribution of Population
			1990-2000	2000-2010	<sup>1</sup> 2010-2015	
36.059 3018.00	1.7941	5,370	1.10	0.01	0.02	14% site
36.059 3004.00	0.7214	5,199	0.30	0.02	0.05	14% north
36.059 3015.00	1.1853	3,048	0.30	-0.11	-0.01	8% north
36.059 3009.00	4.6689	7,963	1.70	1.13	0.96	21% south
36.059 3016.00	1.6147	4,496	0.00	-0.03	0.03	12% east
36.059 3017.00	0.5188	2,590	0.20	-0.16	0.02	7% east
36.059 3019.00	0.5912	2,998	-0.10	-0.06	0.03	8% east
36.059 3006.00	1.0803	6,503	0.10	0.09	0.10	17% west
<b>Total/Average</b>	12.17	38,167	0.45	0.11	<b>0.15</b>	100%
Nassau County 36.059	286.69	1,337,619	0.40	0.02	0.10	
Suffolk County 36.103	912.20	1,492,400	0.70	0.49	0.29	
New York State 36	47,213.79	19,543,731	0.50	0.29	0.20	

<sup>1</sup>Source: US Census/ESRI Demographic Update Methodology: 2010/2015



**SECTION NO. 04** ..... **FIGURES**



MULRYAN  
ENGINEERING, P.C.

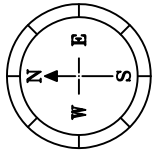


FIGURE No. 1  
PROJECT No. M14-021  
MELVILLE  
LOCATION MAP





MULRYAN  
ENGINEERING, P.C.

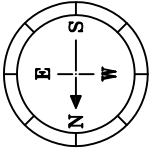
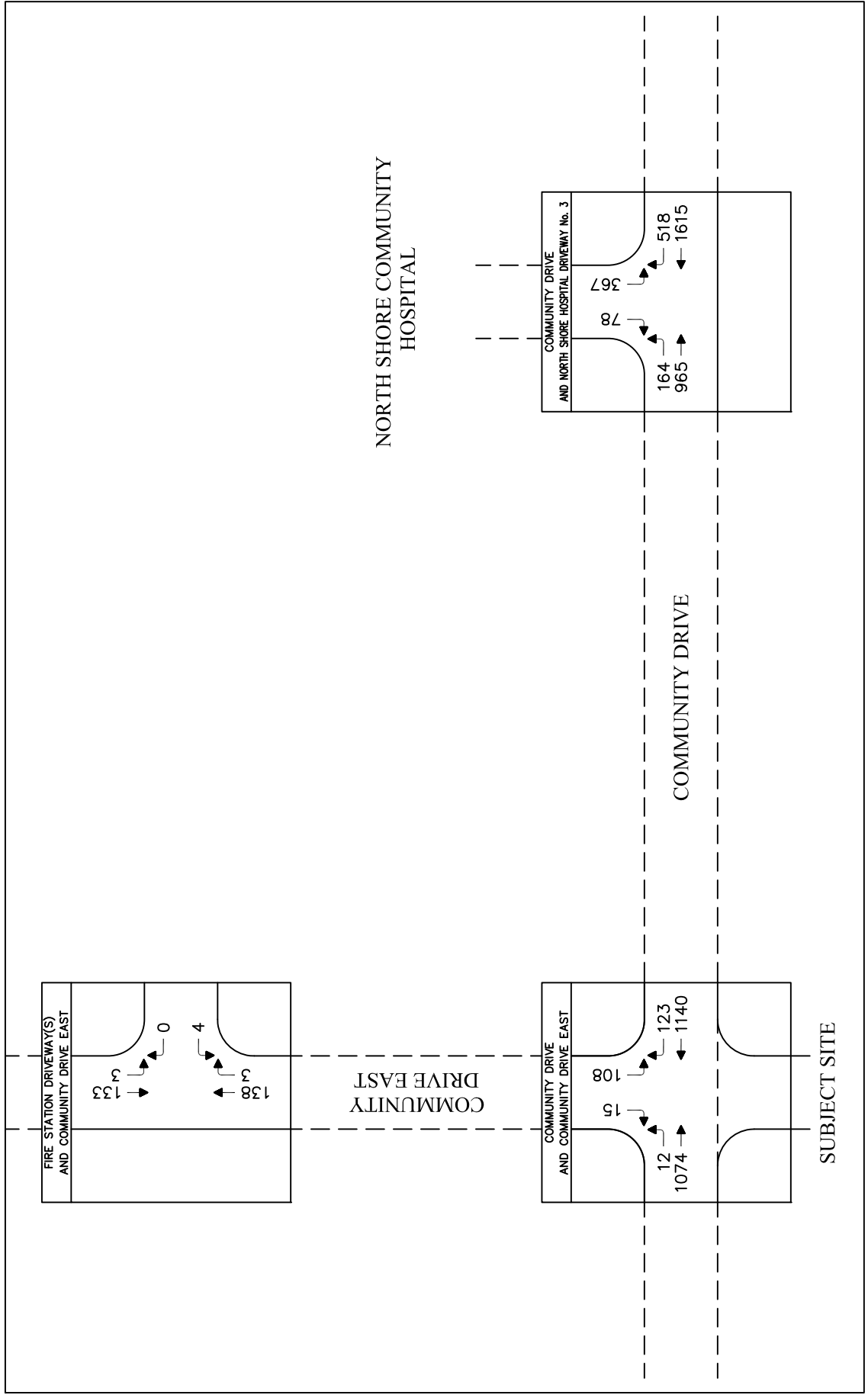


FIGURE No. 2  
PROJECT No. M14-021  
MANHASSET  
MORNING PEAK HOUR - EXISTING



EXISTING VOLUMES SHOWN REFLECT THE ADJUSTED FLOW RATE



MULRYAN  
ENGINEERING, P.C.

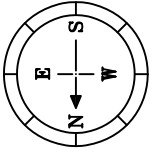
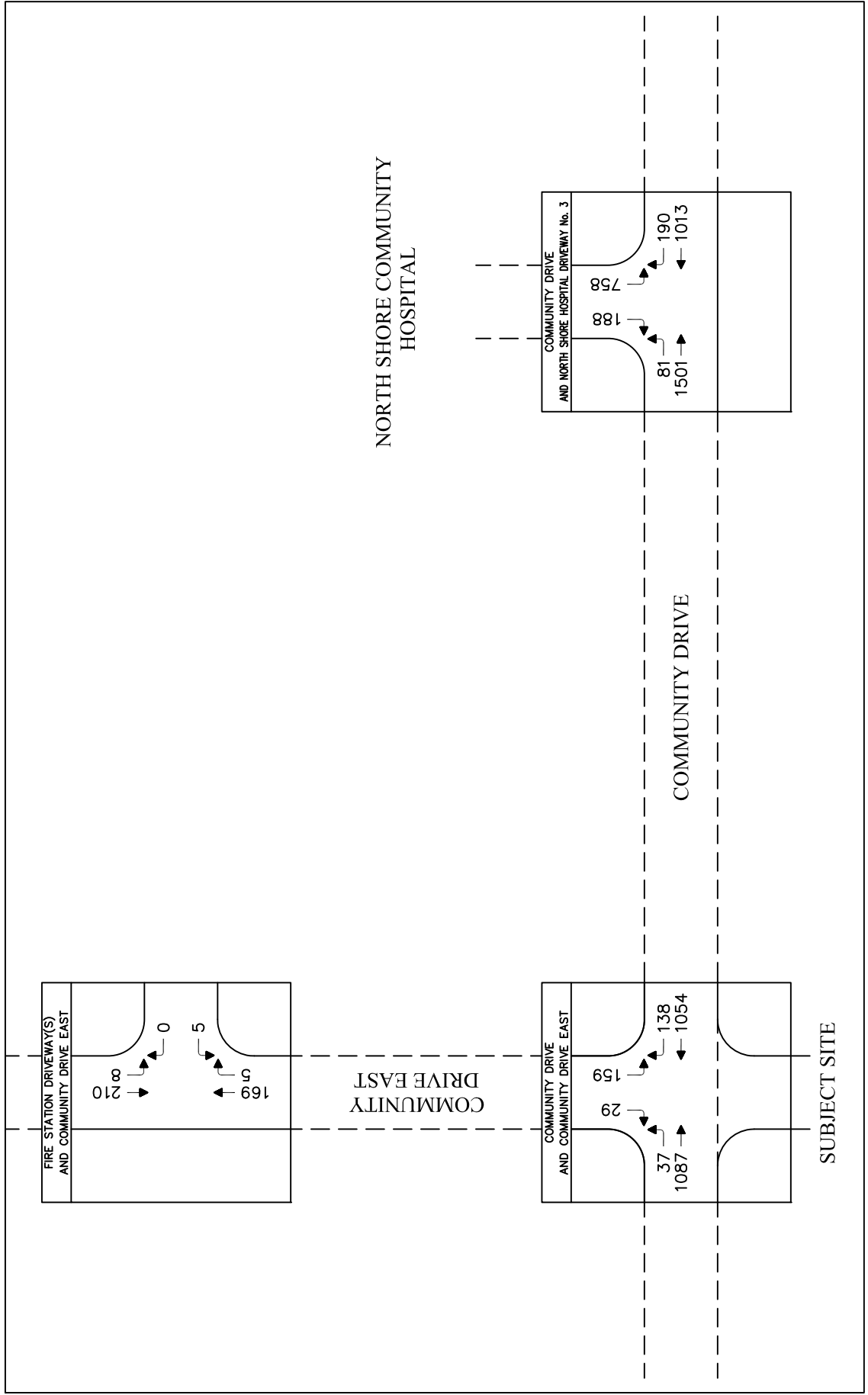


FIGURE No. 3  
PROJECT No. M14-021  
MANHASSET  
EVENING PEAK HOUR - EXISTING



EXISTING VOLUMES SHOWN REFLECT THE ADJUSTED FLOW RATE



MULRYAN  
ENGINEERING, P.C.

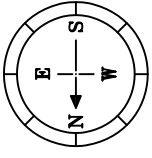
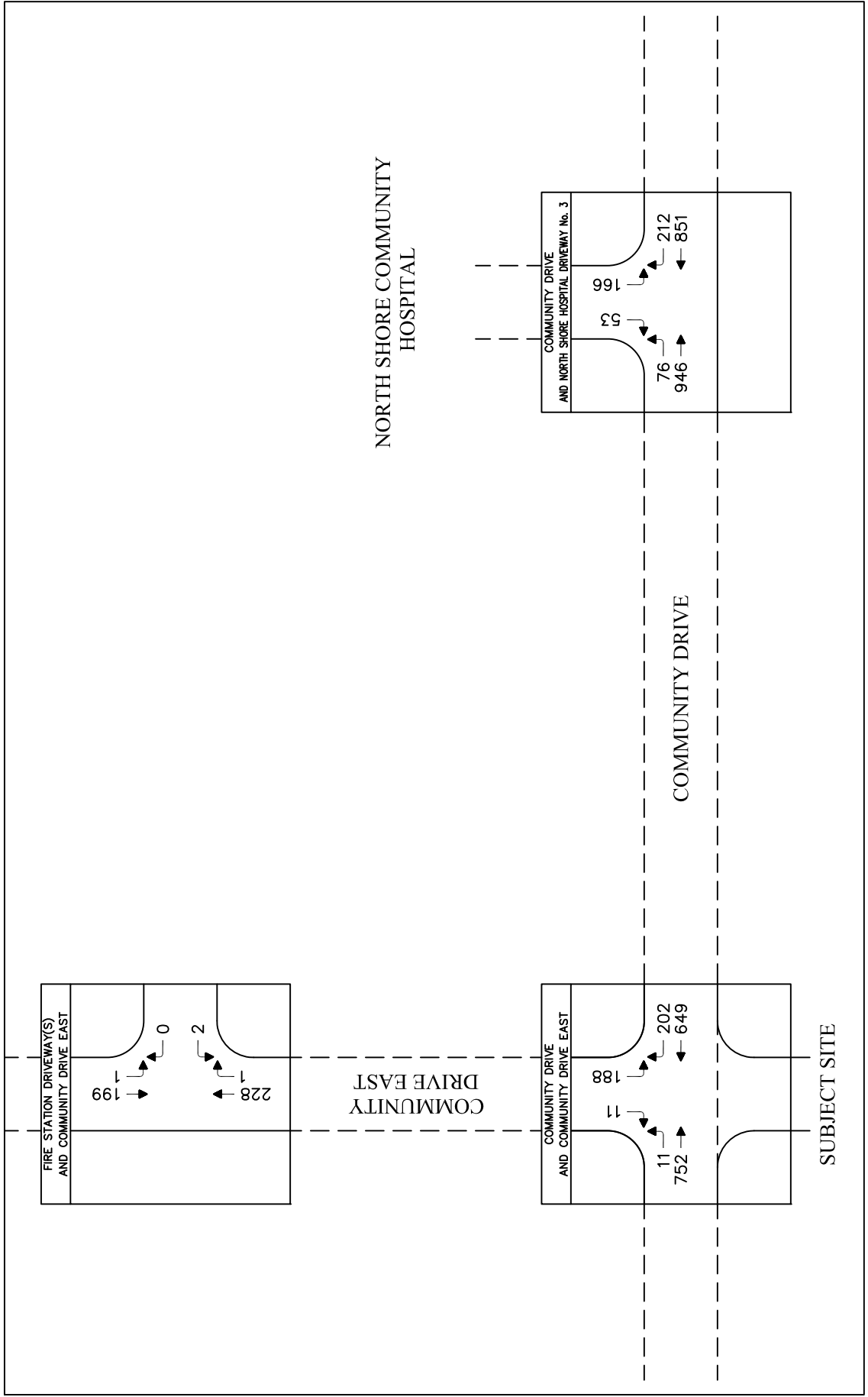


FIGURE No. 4  
PROJECT No. M14-021  
MANHASSET  
SATURDAY PEAK HOUR - EXISTING



EXISTING VOLUMES SHOWN REFLECT THE ADJUSTED FLOW RATE



MULRYAN  
ENGINEERING, P.C.

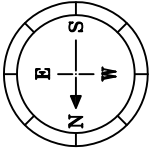
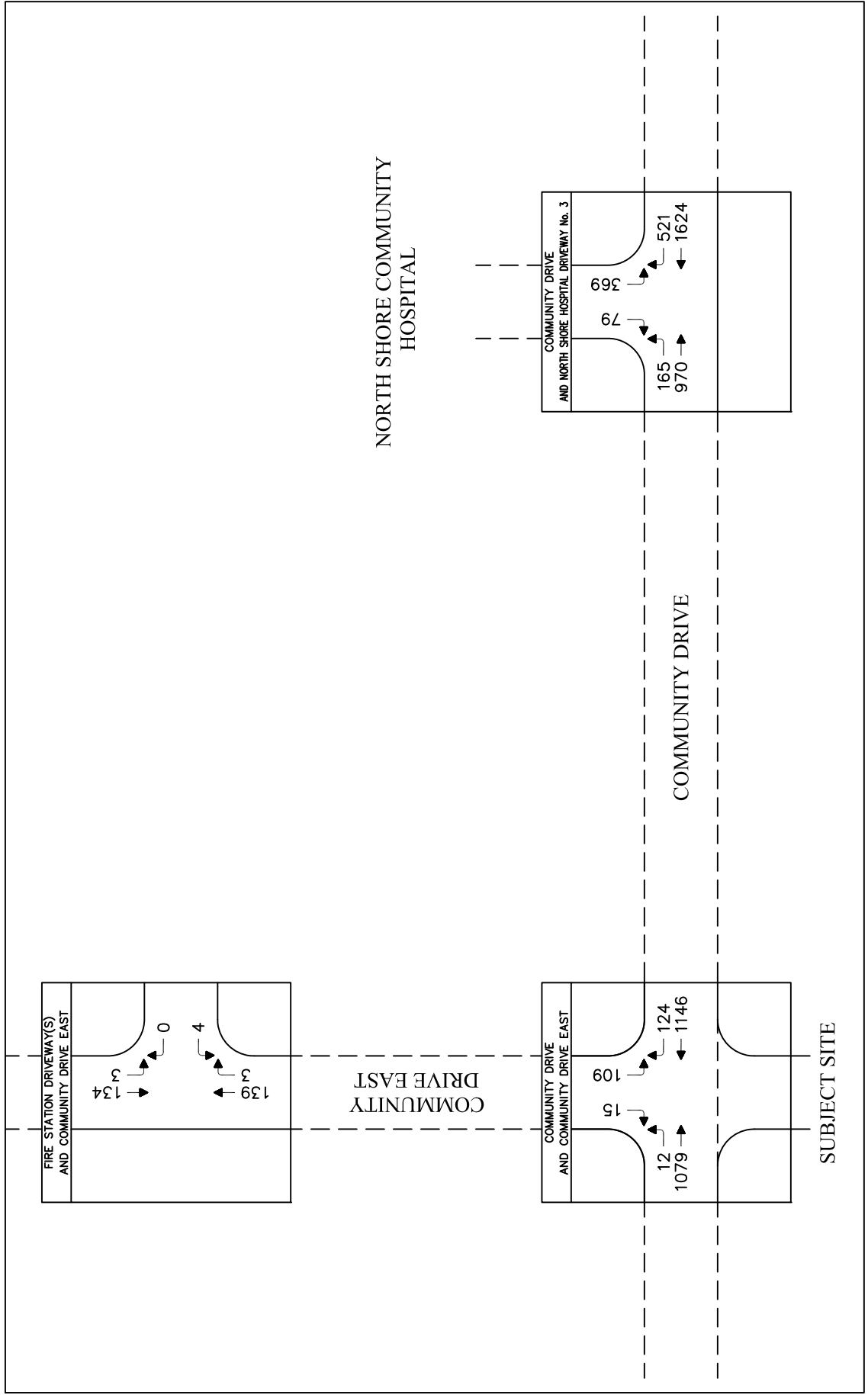


FIGURE No. 5  
PROJECT No. M14-021  
MANHASSET  
MORNING PEAK HOUR - NO BUILD





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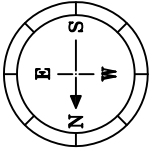
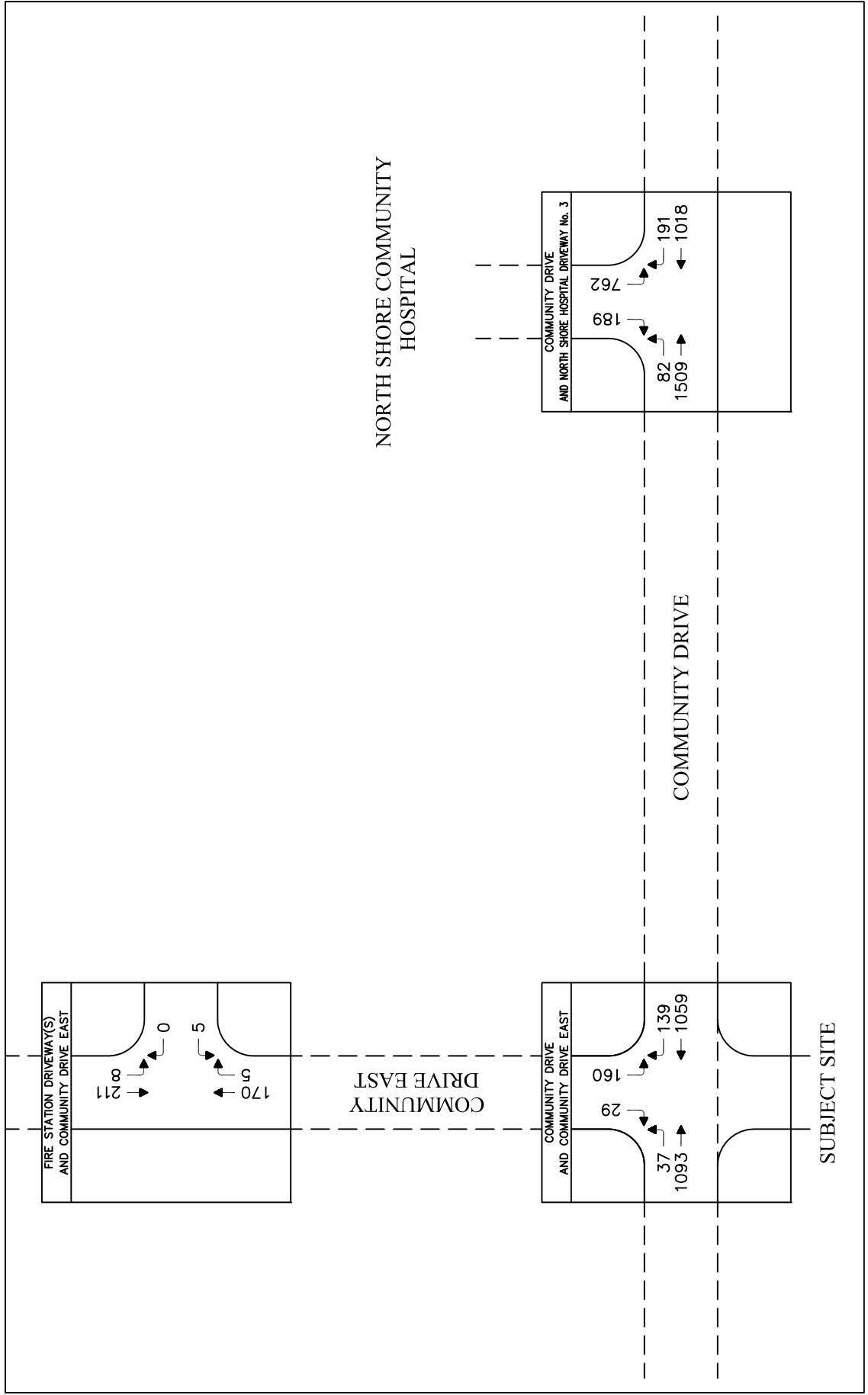


FIGURE No. 6  
PROJECT No. M14-021  
MANHASSET  
EVENING PEAK HOUR - NO BUILD





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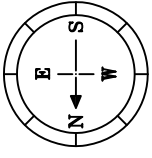
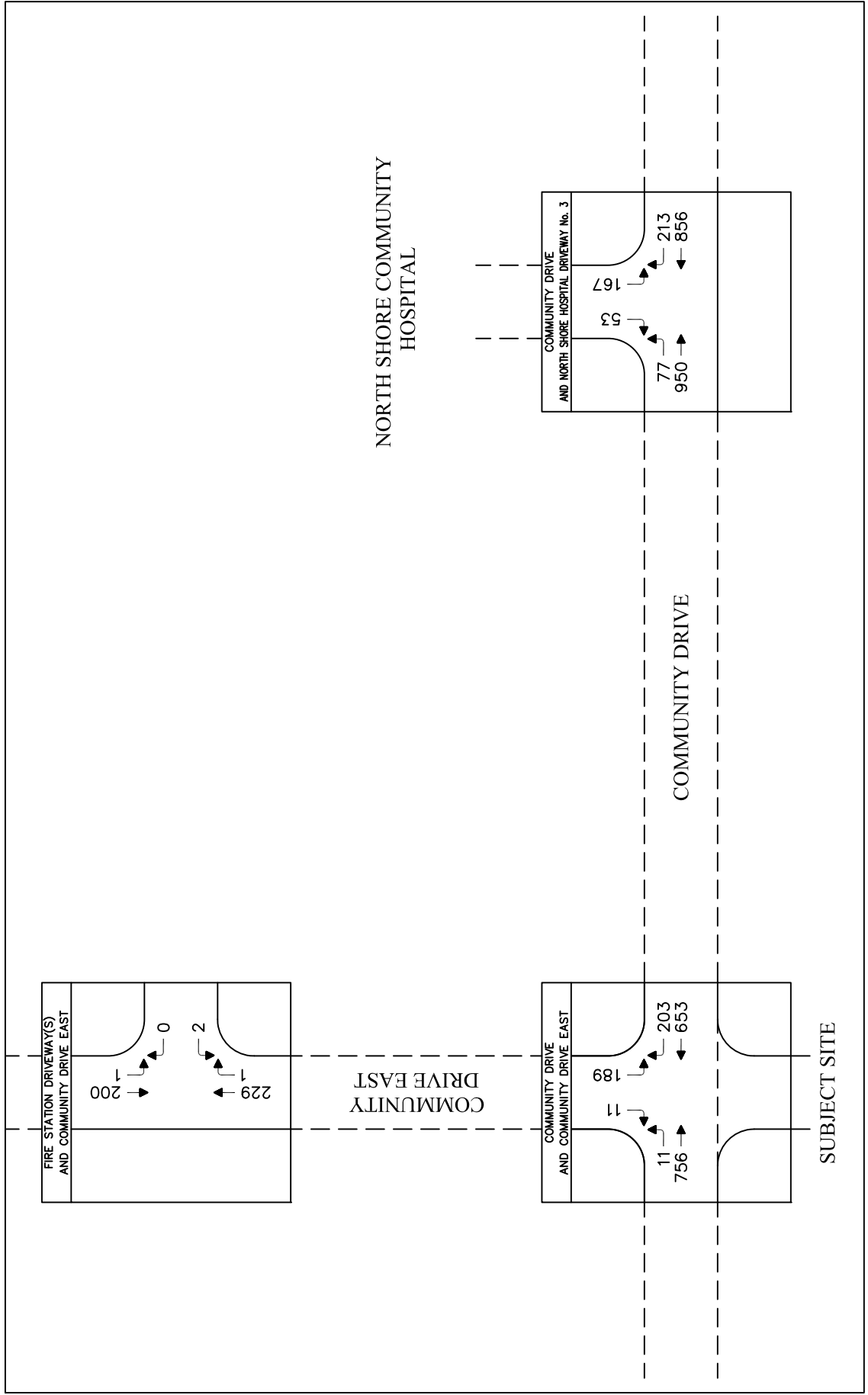


FIGURE No. 7  
PROJECT No. M14-021  
MANHASSET  
SATURDAY PEAK HOUR - NO BUILD

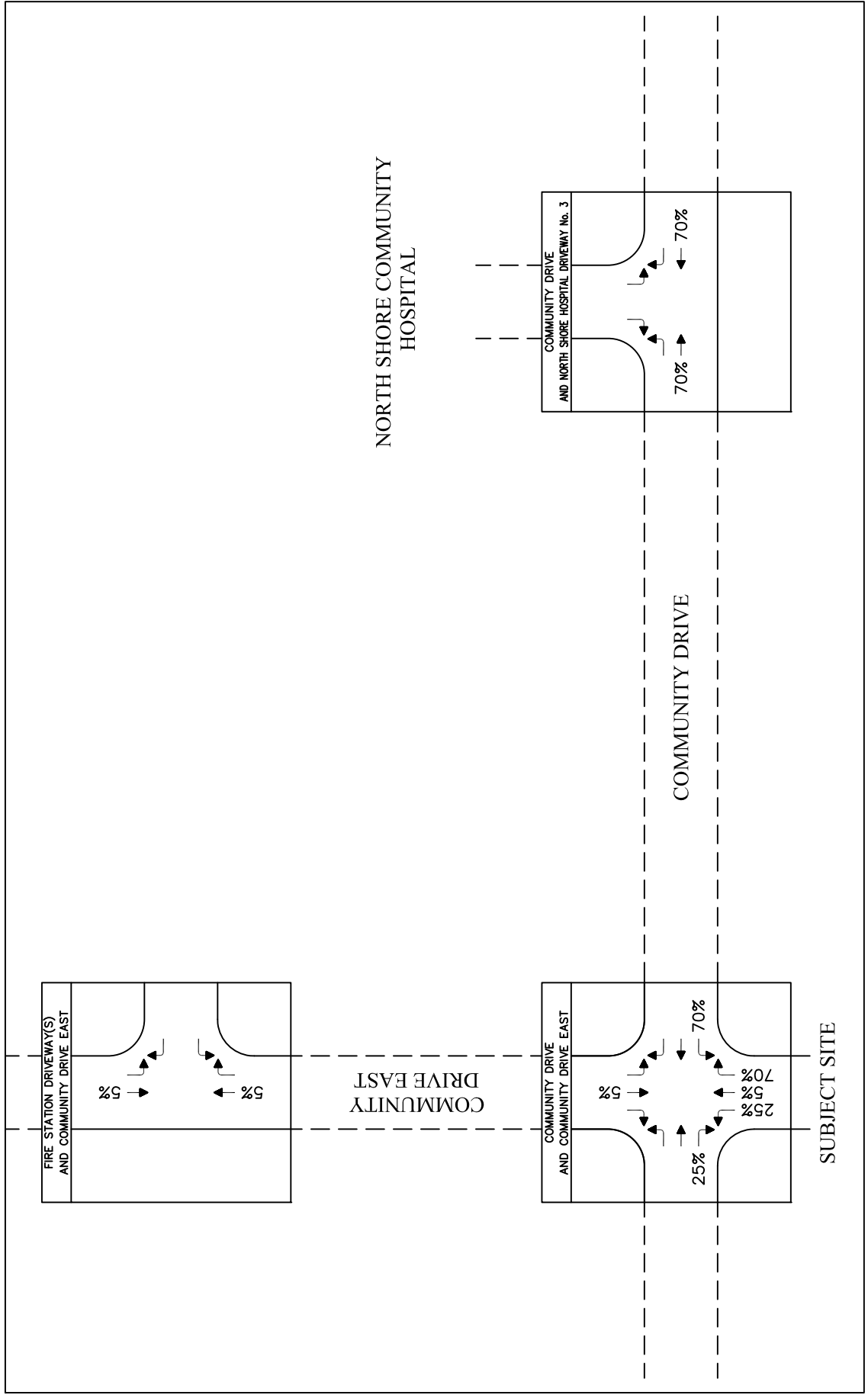
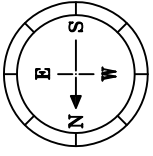






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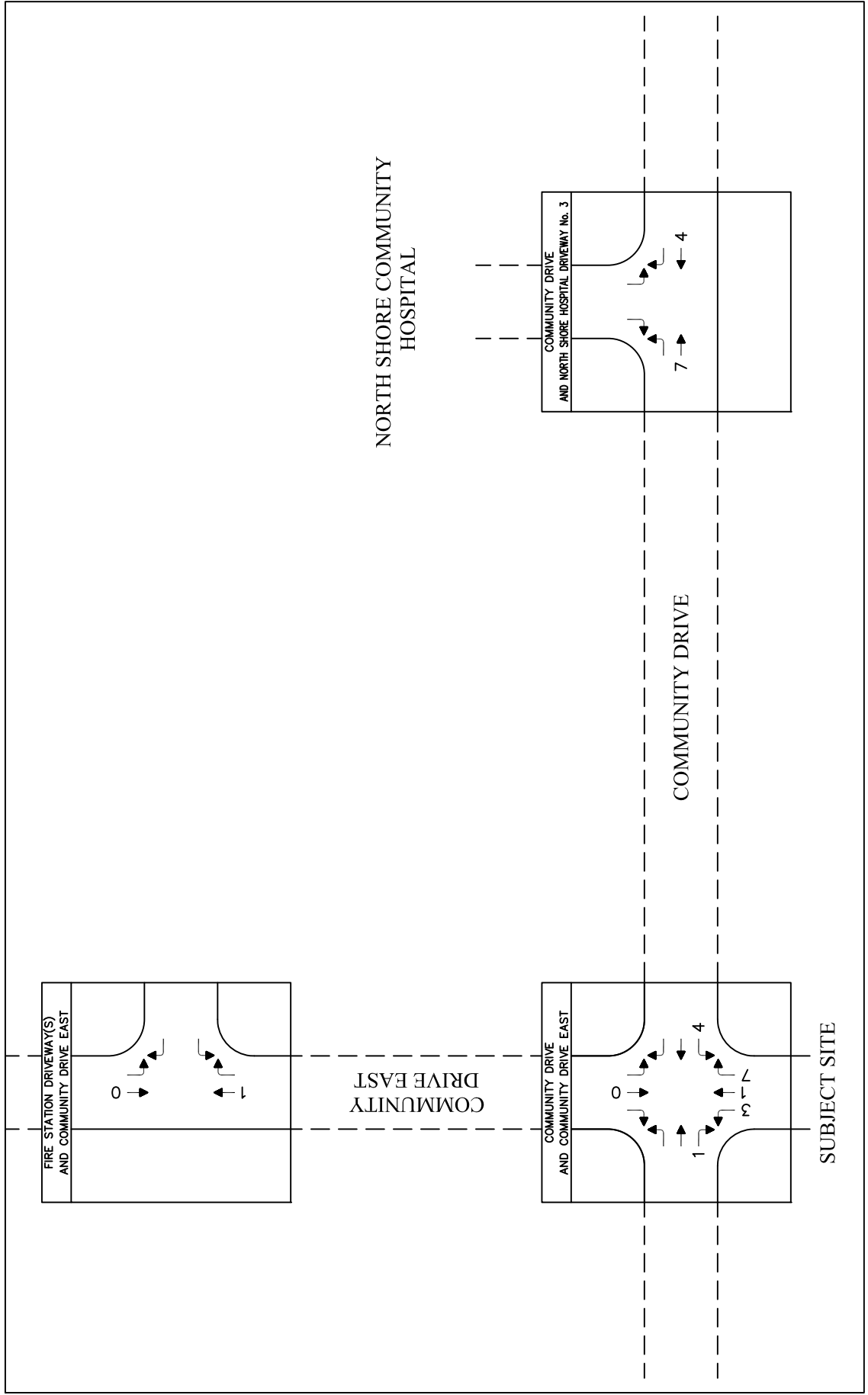
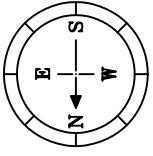
FIGURE No. 8  
PROJECT No. M14-021  
MANHASSET  
SITE GENERATED  
TRAFFIC DISTRIBUTION





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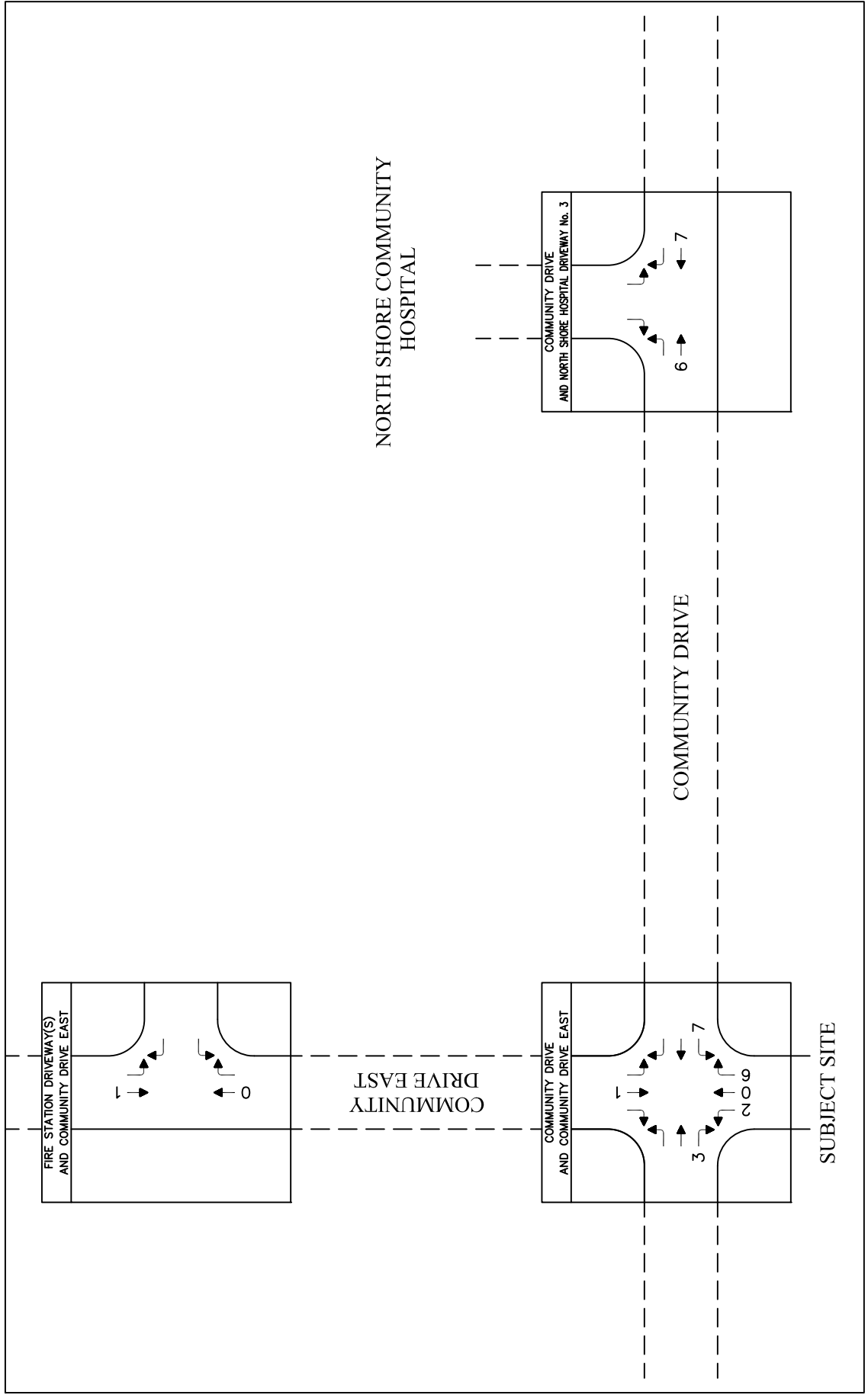
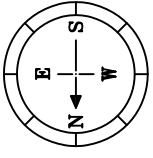
FIGURE No. 9  
PROJECT No. M14-021  
MANHASSET  
SITE GENERATED TRAFFIC  
MORNING PEAK HOUR





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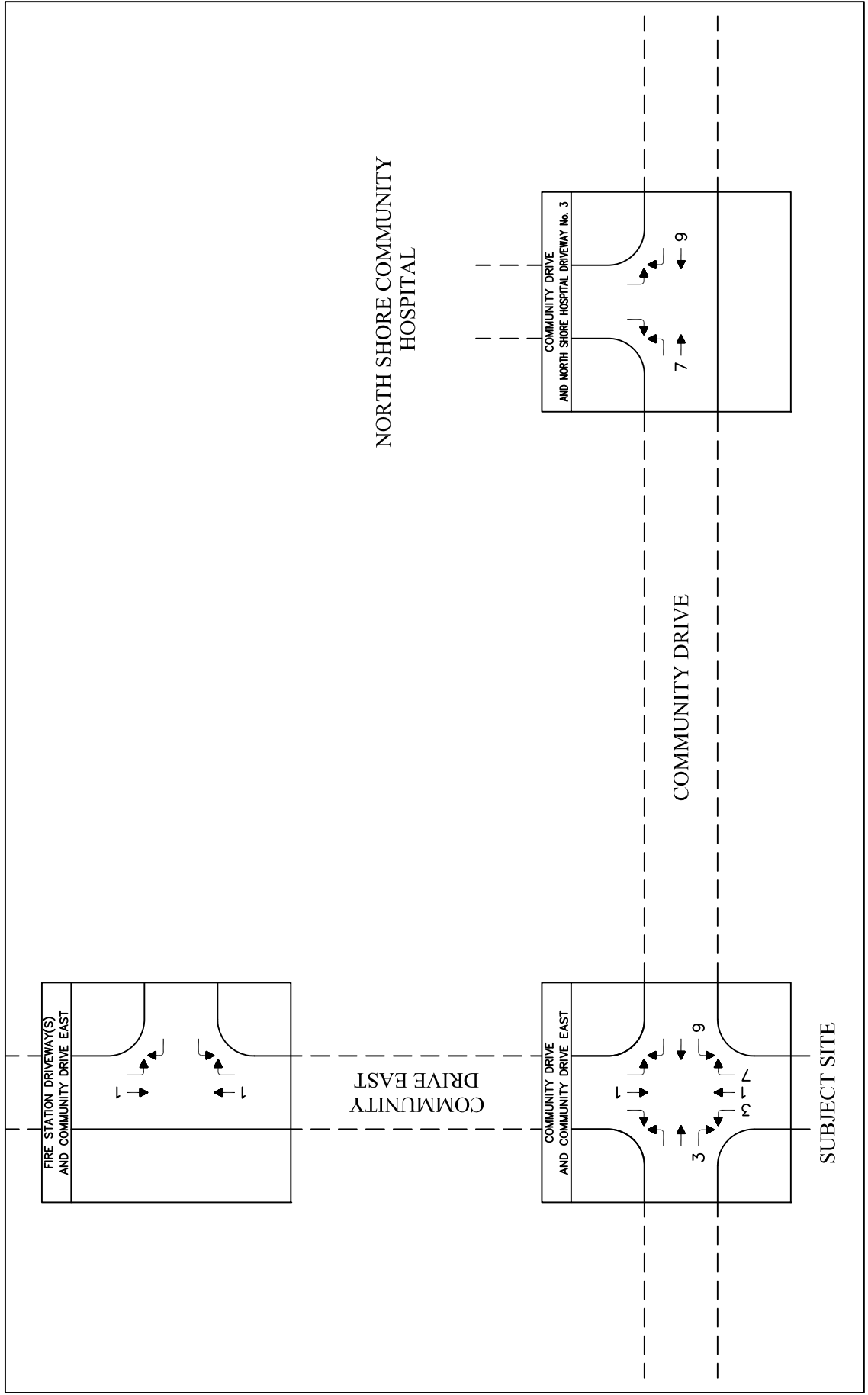
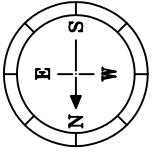
FIGURE No. 10  
PROJECT No. M14-021  
MANHASSET  
SITE GENERATED TRAFFIC  
EVENING PEAK HOUR





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FIGURE No. 11  
PROJECT No. M14-021  
MANHASSET  
SITE GENERATED TRAFFIC  
SATURDAY PEAK HOUR







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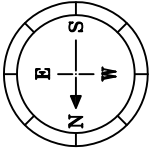
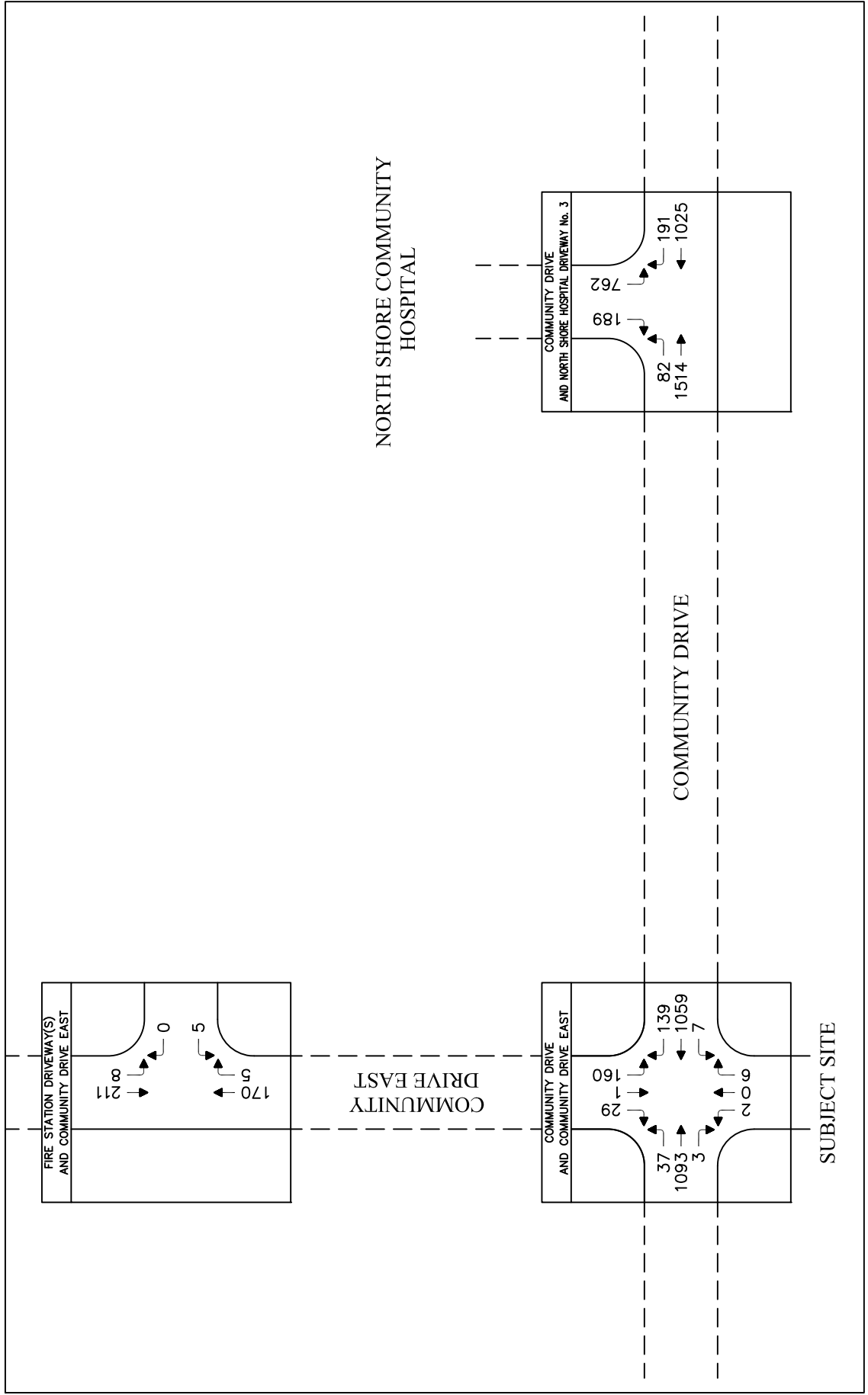


FIGURE No. 13  
PROJECT No. M14-021  
MANHASSET  
EVENING PEAK HOUR - BUILD





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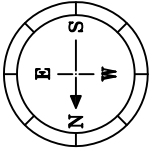
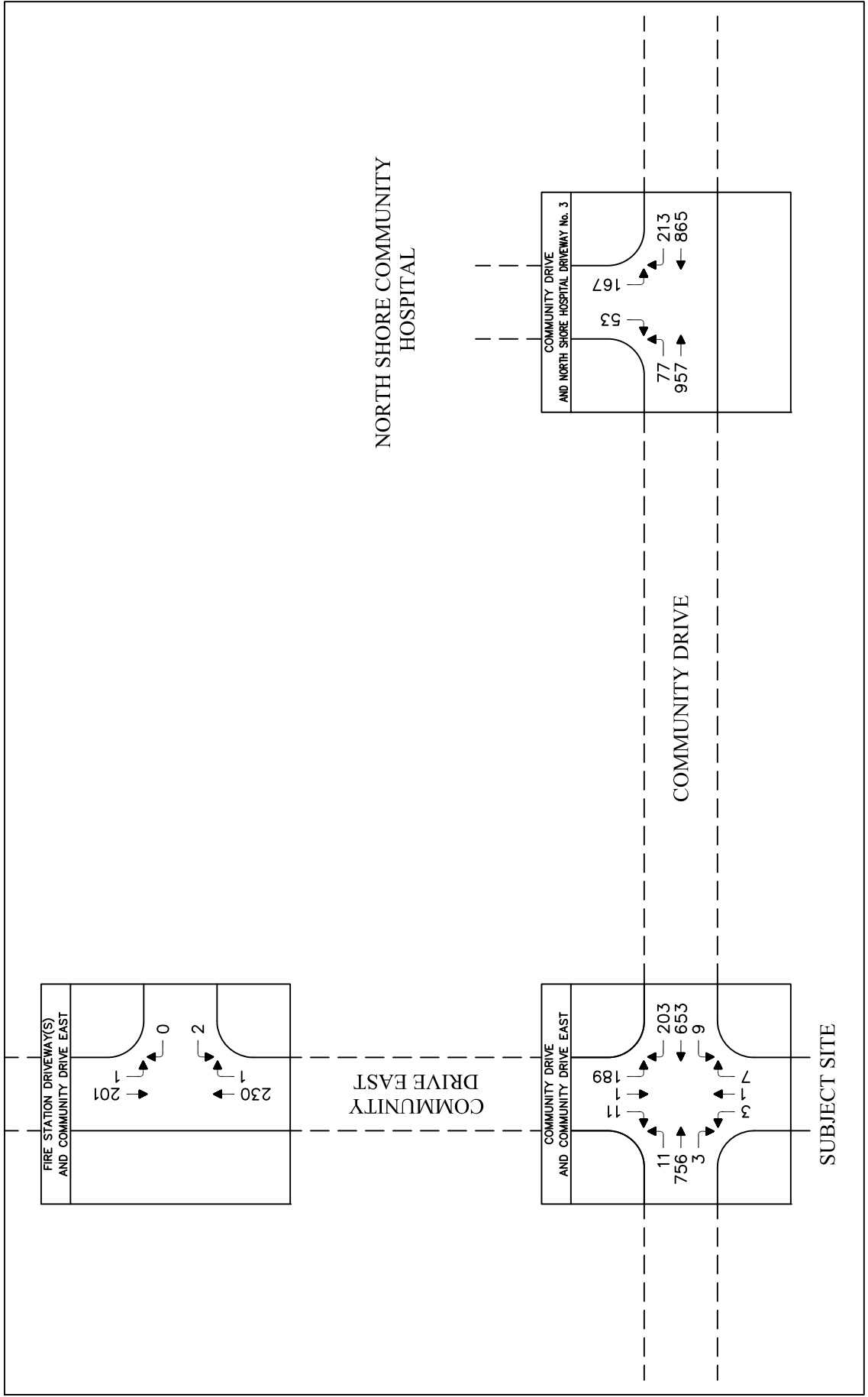


FIGURE No. 14  
PROJECT No. M14-021  
MANHASSET  
SATURDAY PEAK HOUR - BUILD



**SECTION NO. 05 .....HIGHWAY CAPACITY ANALYSIS DESCRIPTION**



# HIGHWAY CAPACITY ANALYSIS

## DESCRIPTION

The level of service and capacity analysis prepared for this project is based on the methodologies presented in the Highway Capacity Manual (HCM 2000), published by the Transportation Research Board. The manual provides a consistent system of techniques for the evaluation of the quality of service on highway and street facilities. The following information is contained within Chapters 10, 16 and 17 of the Highway Capacity Manual.

## SIGNALIZED INTERSECTIONS

### CAPACITY

Capacity at intersections is defined for each lane group. The lane group capacity is the maximum hourly rate at which vehicles can reasonably be expected to pass through the intersection under prevailing traffic, roadway, and signalization conditions. The flow rate is generally measured or projected for a peak 15-minute period, and capacity is stated in vehicles per hour (vehicles per hour). Traffic conditions include volumes on each approach, the distribution of vehicles by movement (left, through, and right), the vehicle type distribution within each movement, the location and use of bus stops within the intersection area, pedestrian crossing flows, and parking movements on approaches to the intersection. Roadway conditions include the basic geometrics of the intersection, including the number and width of lanes, grades, and lane use allocations (including parking lanes). Signalization conditions include a full definition of the signal phasing, timing, and type of control, and an evaluation of signal progression for each lane group. The analysis of capacity at signalized intersections focuses on the computation of saturation flow rates, capacities, volume to capacity ratios, and level of service for lane groups.

### LEVEL OF SERVICE

Level of service for signalized intersections is defined in terms of control delay, which is a measure of driver discomfort, frustration, fuel consumption, and increased travel time. The delay experienced by a motorist is made up of a number of factors that relate to control, geometrics, traffic, and incidents. Total delay is the difference between the travel time actually experienced and the reference travel time that would result during base conditions: in the absence of traffic control, geometric delay, any incidents, and any other vehicles. Specifically, LOS criteria for traffic signals are stated in terms of the average control delay per vehicle, typically for a 15-minute analysis period. Delay is a complex measure and depends on a number of variables, including the quality of progression, the cycle length, the green ratio, and the volume to capacity ratio for the lane group. The critical volume to capacity ratio is an approximate indicator of the overall sufficiency of an intersection. The critical volume to capacity ratio depends on the conflicting critical lane flow rates and the signal phasing.

The average back of queue is another performance measure that is used to analyze a signalized intersection. The back of queue is the number of vehicles that are queued depending on arrival patterns of vehicles and vehicles that do not clear the intersection during a given green phase.

Levels of service are defined to represent reasonable ranges in control delay.

**LOS A** describes operations with low control delay, up to **10** seconds per vehicle. This LOS occurs when progression is extremely favorable and most vehicles arrive during the green phase. Many vehicles do not stop at all. Short cycle lengths may tend to contribute to low delay values.

**LOS B** describes operations with control delay greater than **10** and up to **20** seconds per vehicle. This level generally occurs with good progression, short cycle lengths, or both. More vehicles stop than with LOS A, causing higher levels of delay.

**LOS C** describes operations with control delay greater than **20** and up to **35** seconds per vehicle. These higher delays may result from only fair progression, longer cycle lengths, or both. Individual cycle failures may begin to appear at this level. Cycle failure occurs when a given green phase does not serve queued vehicles, and overflows occur. The number of vehicles stopping is significant at this level, though many still pass through the intersection without stopping.

**LOS D** describes operations with control delay greater than **35** and up to **55** seconds per vehicle. At LOS D, the influence of congestion becomes more noticeable. Longer delays may result from some combination of unfavorable progression, long cycle lengths, and high volume to capacity ratios. Many vehicles stop, and the proportion of vehicles not stopping declines. Individual cycle failures are noticeable.

**LOS E** describes operations with control delay greater than **55** and up to **80** seconds per vehicle. These high delay values generally indicate poor progression, long cycle lengths, and high seconds per vehicle ratios. Individual cycle failures are frequent.

**LOS F** describes operations with control delay in excess of **80** seconds per vehicle. This level, considered unacceptable to most drivers, often occurs with over-saturation, that is, when arrival flow rates exceed the capacity of lane groups. It may also occur at high volume to capacity ratios with many individual cycle failures. Poor progression and long cycle lengths may also contribute significantly to high delay levels.

Delays in the range of LOS F (unacceptable) can occur while the volume to capacity ratio is below 1.0. Very high delays can occur at such volume to capacity ratios when some combination of the following conditions exists: the cycle length is long, the lane group in question is disadvantaged by the signal timing (has a long red time), and the signal progression for the subject movements is poor. The reverse is also possible (for a limited duration): a saturated lane group (i.e., volume to capacity ratio greater than 1.0) may have low delays if the cycle length is short, or the signal progression is favorable, or both.

Thus, the designation LOS F does not automatically imply that the intersection, approach, or lane group is over capacity, nor does an LOS better than E automatically imply that unused capacity is available.

## UNSIGNALIZED INTERSECTIONS

### CAPACITY

At two-way stop controlled (unsignalized) intersections, drivers on the controlled approaches are required to select gaps in the major street flow through which to execute crossing or turning maneuvers on the basis of judgment. In the presence of a queue, each driver on the controlled approach must also use some time to move into the front-of-queue position and prepare to evaluate gaps in the major street flow. Thus, the capacity of the controlled legs is based on three factors: the distribution of gaps in the major street traffic stream, driver judgment in selecting gaps through which to execute the desired maneuvers, and the follow-up time required by each driver in a queue.

The basic capacity model assumes that gaps in the conflicting stream are randomly distributed. When traffic signals on the major street are within 0.25 miles of the subject intersection, flows may not be random but will likely have some platoon structure.

Pedestrians crossing an intersection impede lower-ranked minor street vehicles, but only one lane at a time. This is because vehicles performing a given through or turning movement tend to pass in front of or behind pedestrians once a driver's target lane is clear. The important factor is to determine the number of blockages. For the purpose of determining the pedestrian impedance, the pedestrian volume is the sum of individual pedestrians crossing individually and groups of pedestrians crossing together during the analysis time period.

The existence of a raised or striped median or a two-way left-turn lane (TWLTL) on the major street often causes some degree of a gap acceptance phenomenon known as "two-stage gap acceptance". For example, the existence of a raised or striped median causes a significant proportion of the minor street drivers to first cross part of the major street approach and then pause in the middle of the road to wait for another gap in the other approach. If a two-way left-turn lane exists on the major street, the minor street left-turn vehicle usually merges into the two-way left-turn lane first, then seeks a usable gap on the other approach while slowly moving some distance along the two-way left-turn lane. Both of these behaviors can increase capacity.

The geometric elements near the stop line on the stop-controlled approaches of many intersections may result in a higher capacity than the shared-lane capacity equation may predict. This is because, at such approaches, two vehicles may occupy or depart from the stop line simultaneously as a result of a large curb radius, a tapered curb, or a parking prohibition. The magnitude of this effect will depend in part on the turning movement volumes and the resultant probability of two vehicles being simultaneously at the stop line and on the storage length available to feed the second position at the stop line.

Often, two or three movements share a single lane on the minor approach. With this lane sharing, vehicles from different movements do not have simultaneous access to gaps, nor can more than one vehicle from the sharing movements use the same gap, which influences capacity.

The existence of nearby signalized intersections (i.e., traffic signals on the major street within 0.25 miles of the subject intersection) typically causes vehicles to arrive at the intersection in platoons. This influences the size and distribution of available gaps and may cause an increase in the minor street capacity. The greater the number of vehicles traveling in platoons, the higher the minor street capacity for a given opposing volume. This is due to the greater proportion of large gaps that more than one minor street vehicle can use. If signalized intersections exist upstream of the subject intersection in both directions, the effect is much more complex.

## LEVEL OF SERVICE

Four measures are used to describe the performance of TWSC intersections: control delay, delay to major street through vehicles, queue length, and v/c ratio. The primary measure that is used to provide an estimate of LOS is control delay. This measure can be estimated for any movement on the minor (i.e., the stop-controlled) street. By summing delay estimates for individual movements, a delay estimate for each minor street movement and minor street approach can be achieved.

For AWSC intersections, the average control delay (in seconds per vehicle) is used as the primary measure of performance. Control delay is the increased time of travel for a vehicle approaching and passing through an AWSC intersection, compared with a free flow vehicle if it were not required to slow or stop at the intersection.

Capacity analysis at TWSC intersections depends on a clear description and understanding of the interaction of drivers on the minor or stop-controlled approach with drivers on the major street. Both gap acceptance and empirical models have been developed to describe this interaction. Procedures described in this chapter rely on a gap acceptance model developed and refined in Germany (I). The concepts from this model are described in Chapter 10. Exhibit 17-1 illustrates input to and the basic computation order of the method described in this chapter.

Level of service (LOS) for a TWSC intersection is determined by the computed or measured control delay and is defined for each minor movement. LOS is not defined for the intersection as a whole. LOS criteria are given below:

<b>Level of Service Criteria for Unsignalized Intersections</b>	
<b>Level of Service</b>	<b>Delay (in seconds per vehicle)</b>
A	$\leq 10$
B	$> 10$ and $\leq 15$
C	$> 15$ and $\leq 25$
D	$> 25$ and $\leq 35$
E	$> 35$ and $\leq 50$
F	$> 50$

The LOS criteria for TWSC intersections are somewhat different from the criteria used for signalized intersections primarily because different transportation facilities create different driver perceptions. The expectation is that a signalized intersection is designed to carry higher traffic volumes and experience greater delay than an unsignalized intersection.

**SECTION NO. 06 ..... HIGHWAY CAPACITY ANALYSIS**

HCM Signalized Intersection Capacity Analysis  
 1: Community Drive & E Community Drive

AM Peak Hour Existing  
 M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	108	15	1140	123	12	1074
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Lane Util. Factor	1.00	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	1770	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.23	1.00
Satd. Flow (perm)	1770	1583	3539	1583	423	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	108	15	1140	123	12	1074
RTOR Reduction (vph)	0	13	0	0	0	0
Lane Group Flow (vph)	108	2	1140	123	12	1074
Turn Type	Prot	Perm	NA	pm+ov	Perm	NA
Protected Phases	8		2	8		6
Permitted Phases		8		2	6	
Actuated Green, G (s)	7.9	7.9	44.7	52.6	44.7	44.7
Effective Green, g (s)	7.9	7.9	44.7	52.6	44.7	44.7
Actuated g/C Ratio	0.12	0.12	0.70	0.83	0.70	0.70
Clearance Time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	219	196	2487	1583	297	2487
v/s Ratio Prot	c0.06		c0.32	0.01		0.30
v/s Ratio Perm		0.00		0.07	0.03	
v/c Ratio	0.49	0.01	0.46	0.08	0.04	0.43
Uniform Delay, d1	26.0	24.4	4.1	1.0	2.9	4.0
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	1.7	0.0	0.6	0.0	0.3	0.5
Delay (s)	27.7	24.4	4.8	1.0	3.1	4.6
Level of Service	C	C	A	A	A	A
Approach Delay (s)	27.3		4.4			4.6
Approach LOS	C		A			A

**Intersection Summary**

HCM 2000 Control Delay	5.6	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.46		
Actuated Cycle Length (s)	63.6	Sum of lost time (s)	11.0
Intersection Capacity Utilization	46.7%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

HCM Signalized Intersection Capacity Analysis  
2: Community Drive & North Shore Hospital

AM Peak Hour Existing  
M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	↙↘	↗	↕↕	↗	↙	↕↕
Volume (vph)	367	78	1615	518	164	965
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Lane Util. Factor	0.97	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	3433	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.12	1.00
Satd. Flow (perm)	3433	1583	3539	1583	229	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	367	78	1615	518	164	965
RTOR Reduction (vph)	0	3	0	87	0	0
Lane Group Flow (vph)	367	75	1615	431	164	965
Turn Type	Prot	pm+ov	NA	pm+ov	pm+pt	NA
Protected Phases	8	1	2	8	1	6
Permitted Phases		8		2	6	
Actuated Green, G (s)	13.0	19.0	28.6	41.6	38.6	38.6
Effective Green, g (s)	13.0	19.0	28.6	41.6	38.6	38.6
Actuated g/C Ratio	0.21	0.30	0.46	0.66	0.62	0.62
Clearance Time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	712	480	1616	1191	288	2182
v/s Ratio Prot	c0.11	0.02	c0.46	0.08	c0.05	0.27
v/s Ratio Perm		0.03		0.20	0.30	
v/c Ratio	0.52	0.16	1.00	0.36	0.57	0.44
Uniform Delay, d1	22.0	15.9	17.0	4.6	12.2	6.3
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.6	0.2	22.2	0.2	2.6	0.7
Delay (s)	22.6	16.1	39.2	4.8	14.8	7.0
Level of Service	C	B	D	A	B	A
Approach Delay (s)	21.5		30.9			8.1
Approach LOS	C		C			A

**Intersection Summary**

HCM 2000 Control Delay	22.8	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.81		
Actuated Cycle Length (s)	62.6	Sum of lost time (s)	15.0
Intersection Capacity Utilization	76.7%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			

# HCM Unsignalized Intersection Capacity Analysis

## 3: Fire Dept. & E Community Drive

AM Peak Hour Existing  
M14-021 - Manhasset



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	→			←	←	→
Volume (veh/h)	138	3	3	133	4	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	138	3	3	133	4	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None		None			
Median storage (veh)						
Upstream signal (ft)	999					
pX, platoon unblocked						
vC, conflicting volume			141		278	140
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			141		278	140
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			100		99	100
cM capacity (veh/h)			1442		710	909

Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	141	136	4
Volume Left	0	3	4
Volume Right	3	0	0
cSH	1700	1442	710
Volume to Capacity	0.08	0.00	0.01
Queue Length 95th (ft)	0	0	0
Control Delay (s)	0.0	0.2	10.1
Lane LOS		A	B
Approach Delay (s)	0.0	0.2	10.1
Approach LOS			B

Intersection Summary			
Average Delay		0.2	
Intersection Capacity Utilization	19.4%		ICU Level of Service A
Analysis Period (min)		15	



# HCM Signalized Intersection Capacity Analysis

## 1: Community Drive & E Community Drive

AM Peak Hour No Build  
M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	109	15	1146	124	12	1079
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Lane Util. Factor	1.00	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	1770	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.23	1.00
Satd. Flow (perm)	1770	1583	3539	1583	420	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	109	15	1146	124	12	1079
RTOR Reduction (vph)	0	13	0	0	0	0
Lane Group Flow (vph)	109	2	1146	124	12	1079
Turn Type	Prot	Perm	NA	pm+ov	Perm	NA
Protected Phases	8		2	8		6
Permitted Phases		8		2	6	
Actuated Green, G (s)	7.9	7.9	44.6	52.5	44.6	44.6
Effective Green, g (s)	7.9	7.9	44.6	52.5	44.6	44.6
Actuated g/C Ratio	0.12	0.12	0.70	0.83	0.70	0.70
Clearance Time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	220	196	2485	1583	294	2485
v/s Ratio Prot	c0.06		c0.32	0.01		0.30
v/s Ratio Perm		0.00		0.07	0.03	
v/c Ratio	0.50	0.01	0.46	0.08	0.04	0.43
Uniform Delay, d1	25.9	24.4	4.2	1.0	2.9	4.0
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	1.8	0.0	0.6	0.0	0.3	0.6
Delay (s)	27.7	24.4	4.8	1.0	3.2	4.6
Level of Service	C	C	A	A	A	A
Approach Delay (s)	27.3		4.4			4.6
Approach LOS	C		A			A

### Intersection Summary

HCM 2000 Control Delay	5.6	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.47		
Actuated Cycle Length (s)	63.5	Sum of lost time (s)	11.0
Intersection Capacity Utilization	46.9%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

# HCM Signalized Intersection Capacity Analysis

## 2: Community Drive & North Shore Hospital

AM Peak Hour No Build  
M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	369	79	1624	521	165	970
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Lane Util. Factor	0.97	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	3433	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.12	1.00
Satd. Flow (perm)	3433	1583	3539	1583	229	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	369	79	1624	521	165	970
RTOR Reduction (vph)	0	3	0	85	0	0
Lane Group Flow (vph)	369	76	1624	436	165	970
Turn Type	Prot	pm+ov	NA	pm+ov	pm+pt	NA
Protected Phases	8	1	2	8	1	6
Permitted Phases		8		2	6	
Actuated Green, G (s)	13.1	19.1	28.6	41.7	38.6	38.6
Effective Green, g (s)	13.1	19.1	28.6	41.7	38.6	38.6
Actuated g/C Ratio	0.21	0.30	0.46	0.67	0.62	0.62
Clearance Time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	717	482	1614	1191	288	2178
v/s Ratio Prot	c0.11	0.02	c0.46	0.08	c0.05	0.27
v/s Ratio Perm		0.03		0.20	0.30	
v/c Ratio	0.51	0.16	1.01	0.37	0.57	0.45
Uniform Delay, d1	22.0	15.9	17.1	4.6	12.3	6.4
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.6	0.2	23.9	0.2	2.7	0.7
Delay (s)	22.6	16.1	41.0	4.8	15.0	7.0
Level of Service	C	B	D	A	B	A
Approach Delay (s)	21.5		32.2			8.2
Approach LOS	C		C			A

### Intersection Summary

HCM 2000 Control Delay	23.6	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.82		
Actuated Cycle Length (s)	62.7	Sum of lost time (s)	15.0
Intersection Capacity Utilization	77.1%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			

HCM Unsignalized Intersection Capacity Analysis  
 3: Fire Dept. & E Community Drive

AM Peak Hour No Build  
 M14-021 - Manhasset



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	→			←	↘	↙
Volume (veh/h)	139	3	3	134	4	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	139	3	3	134	4	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)	999					
pX, platoon unblocked						
vC, conflicting volume			142		280	140
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			142		280	140
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			100		99	100
cM capacity (veh/h)			1441		708	907

Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	142	137	4
Volume Left	0	3	4
Volume Right	3	0	0
cSH	1700	1441	708
Volume to Capacity	0.08	0.00	0.01
Queue Length 95th (ft)	0	0	0
Control Delay (s)	0.0	0.2	10.1
Lane LOS		A	B
Approach Delay (s)	0.0	0.2	10.1
Approach LOS			B

Intersection Summary			
Average Delay		0.2	
Intersection Capacity Utilization		19.5%	ICU Level of Service
Analysis Period (min)		15	A

HCM Signalized Intersection Capacity Analysis  
 1: Community Drive & Site Access/E Community Drive

AM Peak Hour Build  
 M14-021 - Manhasset



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕		↕	↕		↕	↕↕	↕	↕	↕↕	
Volume (vph)	3	1	7	109	0	15	4	1146	124	12	1079	1
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.5		5.5	5.5		5.5	5.5	5.5	5.5	5.5	
Lane Util. Factor		1.00		1.00	1.00		1.00	0.95	1.00	1.00	0.95	
Frt		0.91		1.00	0.85		1.00	1.00	0.85	1.00	1.00	
Flt Protected		0.99		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)		1680		1770	1583		1770	3539	1583	1770	3539	
Flt Permitted		0.93		0.75	1.00		0.24	1.00	1.00	0.22	1.00	
Satd. Flow (perm)		1581		1398	1583		454	3539	1583	417	3539	
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	3	1	7	109	0	15	4	1146	124	12	1079	1
RTOR Reduction (vph)	0	6	0	0	13	0	0	0	37	0	0	0
Lane Group Flow (vph)	0	5	0	109	2	0	4	1146	87	12	1080	0
Turn Type	Perm	NA		Perm	NA		Perm	NA	Perm	Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2		2	6		
Actuated Green, G (s)		9.2		9.2	9.2		48.2	48.2	48.2	48.2	48.2	
Effective Green, g (s)		9.2		9.2	9.2		48.2	48.2	48.2	48.2	48.2	
Actuated g/C Ratio		0.13		0.13	0.13		0.70	0.70	0.70	0.70	0.70	
Clearance Time (s)		5.5		5.5	5.5		5.5	5.5	5.5	5.5	5.5	
Vehicle Extension (s)		3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)		212		188	212		319	2493	1115	293	2493	
v/s Ratio Prot					0.00			c0.32			0.31	
v/s Ratio Perm		0.00		c0.08			0.01		0.06	0.03		
v/c Ratio		0.02		0.58	0.01		0.01	0.46	0.08	0.04	0.43	
Uniform Delay, d1		25.7		27.8	25.7		3.0	4.4	3.2	3.1	4.3	
Progression Factor		1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2		0.0		4.3	0.0		0.1	0.6	0.1	0.3	0.6	
Delay (s)		25.7		32.1	25.7		3.1	5.0	3.3	3.3	4.8	
Level of Service		C		C	C		A	A	A	A	A	
Approach Delay (s)		25.7			31.3			4.9			4.8	
Approach LOS		C			C			A			A	

Intersection Summary		
HCM 2000 Control Delay	6.2	HCM 2000 Level of Service
HCM 2000 Volume to Capacity ratio	0.48	A
Actuated Cycle Length (s)	68.4	Sum of lost time (s)
Intersection Capacity Utilization	53.6%	11.0
Analysis Period (min)	15	ICU Level of Service
c Critical Lane Group		A

# HCM Signalized Intersection Capacity Analysis

## 2: Community Drive & North Shore Hospital

AM Peak Hour Build  
M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	↔↔	↗	↕↕	↗	↖	↕↕
Volume (vph)	369	79	1627	521	165	977
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Lane Util. Factor	0.97	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	3433	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.12	1.00
Satd. Flow (perm)	3433	1583	3539	1583	229	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	369	79	1627	521	165	977
RTOR Reduction (vph)	0	3	0	85	0	0
Lane Group Flow (vph)	369	76	1627	436	165	977
Turn Type	Prot	pm+ov	NA	pm+ov	pm+pt	NA
Protected Phases	8	1	2	8	1	6
Permitted Phases		8		2	6	
Actuated Green, G (s)	13.1	19.1	28.6	41.7	38.6	38.6
Effective Green, g (s)	13.1	19.1	28.6	41.7	38.6	38.6
Actuated g/C Ratio	0.21	0.30	0.46	0.67	0.62	0.62
Clearance Time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	717	482	1614	1191	288	2178
v/s Ratio Prot	c0.11	0.02	c0.46	0.08	c0.05	0.28
v/s Ratio Perm		0.03		0.20	0.30	
v/c Ratio	0.51	0.16	1.01	0.37	0.57	0.45
Uniform Delay, d1	22.0	15.9	17.1	4.6	12.3	6.4
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.6	0.2	24.4	0.2	2.7	0.7
Delay (s)	22.6	16.1	41.4	4.8	15.0	7.1
Level of Service	C	B	D	A	B	A
Approach Delay (s)	21.5		32.6			8.2
Approach LOS	C		C			A

### Intersection Summary

HCM 2000 Control Delay	23.8	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.82		
Actuated Cycle Length (s)	62.7	Sum of lost time (s)	15.0
Intersection Capacity Utilization	77.1%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			

# HCM Unsignalized Intersection Capacity Analysis

## 3: Fire Dept. & E Community Drive

AM Peak Hour Build  
M14-021 - Manhasset



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	→			←	←	→
Volume (veh/h)	139	3	3	134	4	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	139	3	3	134	4	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None		None			
Median storage (veh)						
Upstream signal (ft)	999					
pX, platoon unblocked						
vC, conflicting volume			142		280	140
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			142		280	140
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			100		99	100
cM capacity (veh/h)			1441		708	907

Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	142	137	4
Volume Left	0	3	4
Volume Right	3	0	0
cSH	1700	1441	708
Volume to Capacity	0.08	0.00	0.01
Queue Length 95th (ft)	0	0	0
Control Delay (s)	0.0	0.2	10.1
Lane LOS		A	B
Approach Delay (s)	0.0	0.2	10.1
Approach LOS			B

Intersection Summary			
Average Delay		0.2	
Intersection Capacity Utilization	19.5%		ICU Level of Service A
Analysis Period (min)		15	

HCM Signalized Intersection Capacity Analysis  
 1: Community Drive & E Community Drive

PM Peak Hour Existing  
 M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	↶	↶	↕	↷	↶	↕
Volume (vph)	159	29	1054	138	37	1087
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Lane Util. Factor	1.00	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	1770	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.24	1.00
Satd. Flow (perm)	1770	1583	3539	1583	455	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	159	29	1054	138	37	1087
RTOR Reduction (vph)	0	24	0	0	0	0
Lane Group Flow (vph)	159	5	1054	138	37	1087
Turn Type	Prot	Perm	NA	pm+ov	Perm	NA
Protected Phases	8		2	8		6
Permitted Phases		8		2	6	
Actuated Green, G (s)	11.1	11.1	43.5	54.6	43.5	43.5
Effective Green, g (s)	11.1	11.1	43.5	54.6	43.5	43.5
Actuated g/C Ratio	0.17	0.17	0.66	0.83	0.66	0.66
Clearance Time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	299	267	2346	1583	301	2346
v/s Ratio Prot	c0.09		0.30	0.01		c0.31
v/s Ratio Perm		0.00		0.07	0.08	
v/c Ratio	0.53	0.02	0.45	0.09	0.12	0.46
Uniform Delay, d1	24.9	22.7	5.3	1.0	4.1	5.4
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	1.8	0.0	0.6	0.0	0.8	0.7
Delay (s)	26.7	22.7	5.9	1.0	4.9	6.0
Level of Service	C	C	A	A	A	A
Approach Delay (s)	26.1		5.4			6.0
Approach LOS	C		A			A

Intersection Summary

HCM 2000 Control Delay	7.2	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.48		
Actuated Cycle Length (s)	65.6	Sum of lost time (s)	11.0
Intersection Capacity Utilization	48.7%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

# HCM Signalized Intersection Capacity Analysis

## 2: Community Drive & North Shore Hospital

PM Peak Hour Existing  
M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	758	188	1013	190	81	1501
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Lane Util. Factor	0.97	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	3433	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.15	1.00
Satd. Flow (perm)	3433	1583	3539	1583	280	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	758	188	1013	190	81	1501
RTOR Reduction (vph)	0	24	0	58	0	0
Lane Group Flow (vph)	758	164	1013	132	81	1501
Turn Type	Prot	pm+ov	NA	pm+ov	pm+pt	NA
Protected Phases	8	1	2	8	1	6
Permitted Phases		8		2	6	
Actuated Green, G (s)	18.9	24.8	28.6	47.5	38.5	38.5
Effective Green, g (s)	18.9	24.8	28.6	47.5	38.5	38.5
Actuated g/C Ratio	0.28	0.36	0.42	0.69	0.56	0.56
Clearance Time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	948	573	1479	1226	286	1991
v/s Ratio Prot	c0.22	0.02	0.29	0.03	0.02	c0.42
v/s Ratio Perm		0.08		0.05	0.13	
v/c Ratio	0.80	0.29	0.68	0.11	0.28	0.75
Uniform Delay, d1	23.0	15.5	16.2	3.5	8.9	11.4
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	4.8	0.3	2.6	0.0	0.5	2.7
Delay (s)	27.8	15.8	18.8	3.5	9.4	14.1
Level of Service	C	B	B	A	A	B
Approach Delay (s)	25.4		16.4			13.8
Approach LOS	C		B			B

### Intersection Summary

HCM 2000 Control Delay	17.6	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.83		
Actuated Cycle Length (s)	68.4	Sum of lost time (s)	15.0
Intersection Capacity Utilization	72.3%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			



# HCM Unsignalized Intersection Capacity Analysis

## 3: Fire Dept. & E Community Drive

PM Peak Hour Existing  
M14-021 - Manhasset



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	→			←	↔	
Volume (veh/h)	169	5	8	210	5	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	169	5	8	210	5	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None		None			
Median storage (veh)						
Upstream signal (ft)	999					
pX, platoon unblocked						
vC, conflicting volume			174		398	172
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			174		398	172
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			99		99	100
cM capacity (veh/h)			1403		604	872

Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	174	218	5
Volume Left	0	8	5
Volume Right	5	0	0
cSH	1700	1403	604
Volume to Capacity	0.10	0.01	0.01
Queue Length 95th (ft)	0	0	1
Control Delay (s)	0.0	0.3	11.0
Lane LOS		A	B
Approach Delay (s)	0.0	0.3	11.0
Approach LOS			B

Intersection Summary			
Average Delay		0.3	
Intersection Capacity Utilization	27.5%		ICU Level of Service
Analysis Period (min)		15	A

HCM Signalized Intersection Capacity Analysis  
 1: Community Drive & E Community Drive

PM Peak Hour No Build  
 M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	160	29	1059	139	37	1093
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Lane Util. Factor	1.00	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	1770	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.24	1.00
Satd. Flow (perm)	1770	1583	3539	1583	452	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	160	29	1059	139	37	1093
RTOR Reduction (vph)	0	24	0	0	0	0
Lane Group Flow (vph)	160	5	1059	139	37	1093
Turn Type	Prot	Perm	NA	pm+ov	Perm	NA
Protected Phases	8		2	8		6
Permitted Phases		8		2	6	
Actuated Green, G (s)	11.1	11.1	43.5	54.6	43.5	43.5
Effective Green, g (s)	11.1	11.1	43.5	54.6	43.5	43.5
Actuated g/C Ratio	0.17	0.17	0.66	0.83	0.66	0.66
Clearance Time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	299	267	2346	1583	299	2346
v/s Ratio Prot	c0.09		0.30	0.01		c0.31
v/s Ratio Perm		0.00		0.07	0.08	
v/c Ratio	0.54	0.02	0.45	0.09	0.12	0.47
Uniform Delay, d1	24.9	22.7	5.3	1.0	4.1	5.4
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	1.8	0.0	0.6	0.0	0.8	0.7
Delay (s)	26.7	22.7	5.9	1.0	4.9	6.1
Level of Service	C	C	A	A	A	A
Approach Delay (s)	26.1		5.4			6.0
Approach LOS	C		A			A

Intersection Summary			
HCM 2000 Control Delay	7.2	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.48		
Actuated Cycle Length (s)	65.6	Sum of lost time (s)	11.0
Intersection Capacity Utilization	48.8%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

# HCM Signalized Intersection Capacity Analysis

## 2: Community Drive & North Shore Hospital

PM Peak Hour No Build  
M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	762	189	1018	191	82	1509
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Lane Util. Factor	0.97	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	3433	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.15	1.00
Satd. Flow (perm)	3433	1583	3539	1583	277	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	762	189	1018	191	82	1509
RTOR Reduction (vph)	0	24	0	58	0	0
Lane Group Flow (vph)	762	165	1018	133	82	1509
Turn Type	Prot	pm+ov	NA	pm+ov	pm+pt	NA
Protected Phases	8	1	2	8	1	6
Permitted Phases		8		2	6	
Actuated Green, G (s)	18.9	24.8	28.6	47.5	38.5	38.5
Effective Green, g (s)	18.9	24.8	28.6	47.5	38.5	38.5
Actuated g/C Ratio	0.28	0.36	0.42	0.69	0.56	0.56
Clearance Time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	948	573	1479	1226	284	1991
v/s Ratio Prot	c0.22	0.02	0.29	0.03	0.02	c0.43
v/s Ratio Perm		0.08		0.05	0.14	
v/c Ratio	0.80	0.29	0.69	0.11	0.29	0.76
Uniform Delay, d1	23.0	15.5	16.3	3.5	8.9	11.4
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	5.0	0.3	2.6	0.0	0.6	2.8
Delay (s)	28.0	15.8	18.9	3.5	9.5	14.2
Level of Service	C	B	B	A	A	B
Approach Delay (s)	25.6		16.5			13.9
Approach LOS	C		B			B

### Intersection Summary

HCM 2000 Control Delay	17.7	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.83		
Actuated Cycle Length (s)	68.4	Sum of lost time (s)	15.0
Intersection Capacity Utilization	72.6%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

# HCM Unsignalized Intersection Capacity Analysis

## 3: Fire Dept. & E Community Drive

PM Peak Hour No Build  
M14-021 - Manhasset



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	→			←	←	→
Volume (veh/h)	170	5	8	211	5	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	170	5	8	211	5	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None		None			
Median storage (veh)						
Upstream signal (ft)	999					
pX, platoon unblocked						
vC, conflicting volume			175		400	172
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			175		400	172
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			99		99	100
cM capacity (veh/h)			1401		603	871
<b>Direction, Lane #</b>						
	EB 1	WB 1	NB 1			
Volume Total	175	219	5			
Volume Left	0	8	5			
Volume Right	5	0	0			
cSH	1700	1401	603			
Volume to Capacity	0.10	0.01	0.01			
Queue Length 95th (ft)	0	0	1			
Control Delay (s)	0.0	0.3	11.0			
Lane LOS		A	B			
Approach Delay (s)	0.0	0.3	11.0			
Approach LOS			B			
<b>Intersection Summary</b>						
Average Delay			0.3			
Intersection Capacity Utilization			27.6%	ICU Level of Service		A
Analysis Period (min)	15					

HCM Signalized Intersection Capacity Analysis  
 1: Community Drive & Site Access/E Community Drive

PM Peak Hour Build  
 M14-021 - Manhasset



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕		↗	↘		↗	↕	↘	↗	↕	↘
Volume (vph)	2	0	6	160	1	29	7	1059	139	37	1093	3
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.5		5.5	5.5		5.5	5.5	5.5	5.5	5.5	
Lane Util. Factor		1.00		1.00	1.00		1.00	0.95	1.00	1.00	0.95	
Frt		0.90		1.00	0.85		1.00	1.00	0.85	1.00	1.00	
Flt Protected		0.99		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)		1653		1770	1593		1770	3539	1583	1770	3538	
Flt Permitted		0.94		0.75	1.00		0.23	1.00	1.00	0.24	1.00	
Satd. Flow (perm)		1579		1402	1593		432	3539	1583	454	3538	
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	2	0	6	160	1	29	7	1059	139	37	1093	3
RTOR Reduction (vph)	0	7	0	0	24	0	0	0	46	0	0	0
Lane Group Flow (vph)	0	1	0	160	6	0	7	1059	93	37	1096	0
Turn Type	Perm	NA		Perm	NA		Perm	NA	Perm	Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2		2	6		
Actuated Green, G (s)		11.1		11.1	11.1		44.9	44.9	44.9	44.9	44.9	
Effective Green, g (s)		11.1		11.1	11.1		44.9	44.9	44.9	44.9	44.9	
Actuated g/C Ratio		0.17		0.17	0.17		0.67	0.67	0.67	0.67	0.67	
Clearance Time (s)		5.5		5.5	5.5		5.5	5.5	5.5	5.5	5.5	
Vehicle Extension (s)		3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)		261		232	263		289	2371	1060	304	2370	
v/s Ratio Prot					0.00			0.30			c0.31	
v/s Ratio Perm		0.00		c0.11			0.02		0.06	0.08		
v/c Ratio		0.01		0.69	0.02		0.02	0.45	0.09	0.12	0.46	
Uniform Delay, d1		23.3		26.3	23.4		3.7	5.2	3.9	4.0	5.3	
Progression Factor		1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2		0.0		8.3	0.0		0.2	0.6	0.2	0.8	0.7	
Delay (s)		23.3		34.6	23.4		3.9	5.8	4.0	4.8	5.9	
Level of Service		C		C	C		A	A	A	A	A	
Approach Delay (s)		23.3			32.8			5.6			5.9	
Approach LOS		C			C			A			A	

Intersection Summary		
HCM 2000 Control Delay	7.8	HCM 2000 Level of Service
HCM 2000 Volume to Capacity ratio	0.51	A
Actuated Cycle Length (s)	67.0	Sum of lost time (s)
Intersection Capacity Utilization	55.4%	11.0
Analysis Period (min)	15	ICU Level of Service
c Critical Lane Group		B

# HCM Signalized Intersection Capacity Analysis

## 2: Community Drive & North Shore Hospital

PM Peak Hour Build  
M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	762	189	1025	191	82	1514
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Lane Util. Factor	0.97	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	3433	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.15	1.00
Satd. Flow (perm)	3433	1583	3539	1583	273	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	762	189	1025	191	82	1514
RTOR Reduction (vph)	0	24	0	58	0	0
Lane Group Flow (vph)	762	165	1025	133	82	1514
Turn Type	Prot	pm+ov	NA	pm+ov	pm+pt	NA
Protected Phases	8	1	2	8	1	6
Permitted Phases		8		2	6	
Actuated Green, G (s)	18.9	24.8	28.6	47.5	38.5	38.5
Effective Green, g (s)	18.9	24.8	28.6	47.5	38.5	38.5
Actuated g/C Ratio	0.28	0.36	0.42	0.69	0.56	0.56
Clearance Time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	948	573	1479	1226	282	1991
v/s Ratio Prot	c0.22	0.02	0.29	0.03	0.03	c0.43
v/s Ratio Perm		0.08		0.05	0.14	
v/c Ratio	0.80	0.29	0.69	0.11	0.29	0.76
Uniform Delay, d1	23.0	15.5	16.3	3.5	8.9	11.4
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	5.0	0.3	2.7	0.0	0.6	2.8
Delay (s)	28.0	15.8	19.0	3.5	9.5	14.2
Level of Service	C	B	B	A	A	B
Approach Delay (s)	25.6		16.6			14.0
Approach LOS	C		B			B

### Intersection Summary

HCM 2000 Control Delay	17.8	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.83		
Actuated Cycle Length (s)	68.4	Sum of lost time (s)	15.0
Intersection Capacity Utilization	72.8%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

HCM Unsignalized Intersection Capacity Analysis  
 3: Fire Dept. & E Community Drive

PM Peak Hour Build  
 M14-021 - Manhasset



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	→			←	↘	↙
Volume (veh/h)	170	5	8	211	5	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	170	5	8	211	5	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)	999					
pX, platoon unblocked						
vC, conflicting volume			175	400	172	
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			175	400	172	
tC, single (s)			4.1	6.4	6.2	
tC, 2 stage (s)						
tF (s)			2.2	3.5	3.3	
p0 queue free %			99	99	100	
cM capacity (veh/h)			1401	603	871	

Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	175	219	5
Volume Left	0	8	5
Volume Right	5	0	0
cSH	1700	1401	603
Volume to Capacity	0.10	0.01	0.01
Queue Length 95th (ft)	0	0	1
Control Delay (s)	0.0	0.3	11.0
Lane LOS		A	B
Approach Delay (s)	0.0	0.3	11.0
Approach LOS			B

Intersection Summary			
Average Delay		0.3	
Intersection Capacity Utilization	27.6%		ICU Level of Service A
Analysis Period (min)		15	

HCM Signalized Intersection Capacity Analysis  
 1: Community Drive & E Community Drive

Saturday Peak Hour Existing  
 M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	188	11	649	202	11	752
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Lane Util. Factor	1.00	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	1770	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.41	1.00
Satd. Flow (perm)	1770	1583	3539	1583	755	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	188	11	649	202	11	752
RTOR Reduction (vph)	0	9	0	0	0	0
Lane Group Flow (vph)	188	2	649	202	11	752
Turn Type	Prot	Perm	NA	pm+ov	Perm	NA
Protected Phases	8		2	8		6
Permitted Phases		8		2	6	
Actuated Green, G (s)	12.1	12.1	42.0	54.1	42.0	42.0
Effective Green, g (s)	12.1	12.1	42.0	54.1	42.0	42.0
Actuated g/C Ratio	0.19	0.19	0.65	0.83	0.65	0.65
Clearance Time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	328	294	2283	1583	487	2283
v/s Ratio Prot	c0.11		0.18	0.02		c0.21
v/s Ratio Perm		0.00		0.10	0.01	
v/c Ratio	0.57	0.01	0.28	0.13	0.02	0.33
Uniform Delay, d1	24.1	21.6	5.0	1.0	4.2	5.2
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	2.4	0.0	0.3	0.0	0.1	0.4
Delay (s)	26.6	21.6	5.3	1.1	4.2	5.6
Level of Service	C	C	A	A	A	A
Approach Delay (s)	26.3		4.3			5.6
Approach LOS	C		A			A

Intersection Summary

HCM 2000 Control Delay	7.3	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.38		
Actuated Cycle Length (s)	65.1	Sum of lost time (s)	11.0
Intersection Capacity Utilization	40.4%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



HCM Signalized Intersection Capacity Analysis  
2: Community Drive & North Shore Hospital

Saturday Peak Hour Existing  
M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	↶↶	↷	↶↶	↷	↶	↶↶
Volume (vph)	166	53	851	212	76	946
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Lane Util. Factor	0.97	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	3433	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.26	1.00
Satd. Flow (perm)	3433	1583	3539	1583	485	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	166	53	851	212	76	946
RTOR Reduction (vph)	0	41	0	70	0	0
Lane Group Flow (vph)	166	12	851	142	76	946
Turn Type	Prot	pm+ov	NA	pm+ov	pm+pt	NA
Protected Phases	8	1	2	8	1	6
Permitted Phases		8		2	6	
Actuated Green, G (s)	8.2	13.1	32.0	40.2	40.9	40.9
Effective Green, g (s)	8.2	13.1	32.0	40.2	40.9	40.9
Actuated g/C Ratio	0.14	0.22	0.53	0.67	0.68	0.68
Clearance Time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	468	345	1884	1203	434	2408
v/s Ratio Prot	c0.05	0.00	c0.24	0.02	0.01	c0.27
v/s Ratio Perm		0.00		0.07	0.10	
v/c Ratio	0.35	0.03	0.45	0.12	0.18	0.39
Uniform Delay, d1	23.5	18.5	8.6	3.6	3.8	4.2
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.5	0.0	0.8	0.0	0.2	0.5
Delay (s)	24.0	18.6	9.4	3.6	4.0	4.7
Level of Service	C	B	A	A	A	A
Approach Delay (s)	22.7		8.3			4.6
Approach LOS	C		A			A

Intersection Summary

HCM 2000 Control Delay	8.0	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.44		
Actuated Cycle Length (s)	60.1	Sum of lost time (s)	15.0
Intersection Capacity Utilization	45.0%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

HCM Unsignalized Intersection Capacity Analysis  
 3: Fire Dept. & E Community Drive

Saturday Peak Hour Existing  
 M14-021 - Manhasset



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	→			←	←	→
Volume (veh/h)	228	1	1	199	2	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	228	1	1	199	2	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)	999					
pX, platoon unblocked						
vC, conflicting volume			229		430	228
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			229		430	228
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			100		100	100
cM capacity (veh/h)			1339		582	811

Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	229	200	2
Volume Left	0	1	2
Volume Right	1	0	0
cSH	1700	1339	582
Volume to Capacity	0.13	0.00	0.00
Queue Length 95th (ft)	0	0	0
Control Delay (s)	0.0	0.0	11.2
Lane LOS		A	B
Approach Delay (s)	0.0	0.0	11.2
Approach LOS			B

Intersection Summary			
Average Delay		0.1	
Intersection Capacity Utilization		22.1%	ICU Level of Service
Analysis Period (min)		15	A

HCM Signalized Intersection Capacity Analysis  
 1: Community Drive & E Community Drive

Saturday Peak Hour No Build  
 M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	189	11	653	203	11	756
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Lane Util. Factor	1.00	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	1770	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.40	1.00
Satd. Flow (perm)	1770	1583	3539	1583	752	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	189	11	653	203	11	756
RTOR Reduction (vph)	0	9	0	0	0	0
Lane Group Flow (vph)	189	2	653	203	11	756
Turn Type	Prot	Perm	NA	pm+ov	Perm	NA
Protected Phases	8		2	8		6
Permitted Phases		8		2	6	
Actuated Green, G (s)	12.1	12.1	42.0	54.1	42.0	42.0
Effective Green, g (s)	12.1	12.1	42.0	54.1	42.0	42.0
Actuated g/C Ratio	0.19	0.19	0.65	0.83	0.65	0.65
Clearance Time (s)	5.5	5.5	5.5	5.5	5.5	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	328	294	2283	1583	485	2283
v/s Ratio Prot	c0.11		0.18	0.02		c0.21
v/s Ratio Perm		0.00		0.10	0.01	
v/c Ratio	0.58	0.01	0.29	0.13	0.02	0.33
Uniform Delay, d1	24.2	21.6	5.0	1.0	4.2	5.2
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	2.4	0.0	0.3	0.0	0.1	0.4
Delay (s)	26.6	21.6	5.3	1.1	4.2	5.6
Level of Service	C	C	A	A	A	A
Approach Delay (s)	26.3		4.3			5.6
Approach LOS	C		A			A

Intersection Summary

HCM 2000 Control Delay	7.3	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.39		
Actuated Cycle Length (s)	65.1	Sum of lost time (s)	11.0
Intersection Capacity Utilization	40.5%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

# HCM Signalized Intersection Capacity Analysis

## 2: Community Drive & North Shore Hospital

Saturday Peak Hour No Build

M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	167	53	856	213	77	950
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Lane Util. Factor	0.97	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	3433	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.26	1.00
Satd. Flow (perm)	3433	1583	3539	1583	481	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	167	53	856	213	77	950
RTOR Reduction (vph)	0	41	0	71	0	0
Lane Group Flow (vph)	167	12	856	142	77	950
Turn Type	Prot	pm+ov	NA	pm+ov	pm+pt	NA
Protected Phases	8	1	2	8	1	6
Permitted Phases		8		2	6	
Actuated Green, G (s)	8.2	13.1	32.0	40.2	40.9	40.9
Effective Green, g (s)	8.2	13.1	32.0	40.2	40.9	40.9
Actuated g/C Ratio	0.14	0.22	0.53	0.67	0.68	0.68
Clearance Time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	468	345	1884	1203	432	2408
v/s Ratio Prot	c0.05	0.00	c0.24	0.02	0.01	c0.27
v/s Ratio Perm		0.00		0.07	0.11	
v/c Ratio	0.36	0.03	0.45	0.12	0.18	0.39
Uniform Delay, d1	23.6	18.5	8.7	3.6	3.8	4.2
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.5	0.0	0.8	0.0	0.2	0.5
Delay (s)	24.0	18.6	9.5	3.6	4.0	4.7
Level of Service	C	B	A	A	A	A
Approach Delay (s)	22.7		8.3			4.6
Approach LOS	C		A			A

### Intersection Summary

HCM 2000 Control Delay	8.0	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.44		
Actuated Cycle Length (s)	60.1	Sum of lost time (s)	15.0
Intersection Capacity Utilization	45.2%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

HCM Unsignalized Intersection Capacity Analysis  
 3: Fire Dept. & E Community Drive

Saturday Peak Hour No Build  
 M14-021 - Manhasset



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	→			←	↔	
Volume (veh/h)	229	1	1	200	2	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	229	1	1	200	2	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)	999					
pX, platoon unblocked						
vC, conflicting volume			230		432	230
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			230		432	230
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			100		100	100
cM capacity (veh/h)			1338		581	810

Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	230	201	2
Volume Left	0	1	2
Volume Right	1	0	0
cSH	1700	1338	581
Volume to Capacity	0.14	0.00	0.00
Queue Length 95th (ft)	0	0	0
Control Delay (s)	0.0	0.0	11.2
Lane LOS		A	B
Approach Delay (s)	0.0	0.0	11.2
Approach LOS			B

Intersection Summary			
Average Delay		0.1	
Intersection Capacity Utilization		22.1%	ICU Level of Service A
Analysis Period (min)		15	

HCM Signalized Intersection Capacity Analysis  
 1: Community Drive & Site Access/E Community Drive

Saturday Peak Hour Build  
 M14-021 - Manhasset



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕		↕	↕		↕	↕↕	↕	↕	↕↕	
Volume (vph)	3	1	7	189	1	11	9	653	203	11	756	3
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.5		5.5	5.5		5.5	5.5	5.5	5.5	5.5	
Lane Util. Factor		1.00		1.00	1.00		1.00	0.95	1.00	1.00	0.95	
Frt		0.91		1.00	0.86		1.00	1.00	0.85	1.00	1.00	
Flt Protected		0.99		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)		1680		1770	1607		1770	3539	1583	1770	3537	
Flt Permitted		0.95		0.75	1.00		0.35	1.00	1.00	0.40	1.00	
Satd. Flow (perm)		1616		1398	1607		653	3539	1583	745	3537	
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	3	1	7	189	1	11	9	653	203	11	756	3
RTOR Reduction (vph)	0	6	0	0	9	0	0	0	73	0	0	0
Lane Group Flow (vph)	0	5	0	189	3	0	9	653	130	11	759	0
Turn Type	Perm	NA		Perm	NA		Perm	NA	Perm	Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2		2	6		
Actuated Green, G (s)		14.1		14.1	14.1		44.9	44.9	44.9	44.9	44.9	
Effective Green, g (s)		14.1		14.1	14.1		44.9	44.9	44.9	44.9	44.9	
Actuated g/C Ratio		0.20		0.20	0.20		0.64	0.64	0.64	0.64	0.64	
Clearance Time (s)		5.5		5.5	5.5		5.5	5.5	5.5	5.5	5.5	
Vehicle Extension (s)		3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)		325		281	323		418	2270	1015	477	2268	
v/s Ratio Prot					0.00			0.18			c0.21	
v/s Ratio Perm		0.00		c0.14			0.01		0.08	0.01		
v/c Ratio		0.02		0.67	0.01		0.02	0.29	0.13	0.02	0.33	
Uniform Delay, d1		22.4		25.8	22.4		4.6	5.5	4.9	4.6	5.7	
Progression Factor		1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2		0.0		6.2	0.0		0.1	0.3	0.3	0.1	0.4	
Delay (s)		22.4		32.0	22.4		4.7	5.8	5.2	4.7	6.1	
Level of Service		C		C	C		A	A	A	A	A	
Approach Delay (s)		22.4			31.5			5.7			6.1	
Approach LOS		C			C			A			A	

Intersection Summary			
HCM 2000 Control Delay	8.8	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.41		
Actuated Cycle Length (s)	70.0	Sum of lost time (s)	11.0
Intersection Capacity Utilization	47.3%	ICU Level of Service	A
Analysis Period (min)	15		
c	Critical Lane Group		

HCM Signalized Intersection Capacity Analysis  
2: Community Drive & North Shore Hospital

Saturday Peak Hour Build  
M14-021 - Manhasset



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (vph)	167	53	865	213	77	957
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Lane Util. Factor	0.97	1.00	0.95	1.00	1.00	0.95
Frt	1.00	0.85	1.00	0.85	1.00	1.00
Flt Protected	0.95	1.00	1.00	1.00	0.95	1.00
Satd. Flow (prot)	3433	1583	3539	1583	1770	3539
Flt Permitted	0.95	1.00	1.00	1.00	0.25	1.00
Satd. Flow (perm)	3433	1583	3539	1583	474	3539
Peak-hour factor, PHF	1.00	1.00	1.00	1.00	1.00	1.00
Adj. Flow (vph)	167	53	865	213	77	957
RTOR Reduction (vph)	0	41	0	71	0	0
Lane Group Flow (vph)	167	12	865	142	77	957
Turn Type	Prot	pm+ov	NA	pm+ov	pm+pt	NA
Protected Phases	8	1	2	8	1	6
Permitted Phases		8		2	6	
Actuated Green, G (s)	8.2	13.1	32.0	40.2	40.9	40.9
Effective Green, g (s)	8.2	13.1	32.0	40.2	40.9	40.9
Actuated g/C Ratio	0.14	0.22	0.53	0.67	0.68	0.68
Clearance Time (s)	5.5	4.0	5.5	5.5	4.0	5.5
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	468	345	1884	1203	428	2408
v/s Ratio Prot	c0.05	0.00	c0.24	0.02	0.01	c0.27
v/s Ratio Perm		0.00		0.07	0.11	
v/c Ratio	0.36	0.03	0.46	0.12	0.18	0.40
Uniform Delay, d1	23.6	18.5	8.7	3.6	3.8	4.2
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.5	0.0	0.8	0.0	0.2	0.5
Delay (s)	24.0	18.6	9.5	3.6	4.0	4.7
Level of Service	C	B	A	A	A	A
Approach Delay (s)	22.7		8.3			4.6
Approach LOS	C		A			A

Intersection Summary			
HCM 2000 Control Delay	8.1	HCM 2000 Level of Service	A
HCM 2000 Volume to Capacity ratio	0.45		
Actuated Cycle Length (s)	60.1	Sum of lost time (s)	15.0
Intersection Capacity Utilization	45.4%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

# HCM Unsignalized Intersection Capacity Analysis

## 3: Fire Dept. & E Community Drive

Saturday Peak Hour Build  
M14-021 - Manhasset



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	→			←	↔	
Volume (veh/h)	230	1	1	201	2	0
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Hourly flow rate (vph)	230	1	1	201	2	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None		None			
Median storage (veh)						
Upstream signal (ft)	999					
pX, platoon unblocked						
vC, conflicting volume			231		434	230
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			231		434	230
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			100		100	100
cM capacity (veh/h)			1337		579	809

Direction, Lane #	EB 1	WB 1	NB 1
Volume Total	231	202	2
Volume Left	0	1	2
Volume Right	1	0	0
cSH	1700	1337	579
Volume to Capacity	0.14	0.00	0.00
Queue Length 95th (ft)	0	0	0
Control Delay (s)	0.0	0.0	11.2
Lane LOS		A	B
Approach Delay (s)	0.0	0.0	11.2
Approach LOS			B

Intersection Summary			
Average Delay		0.1	
Intersection Capacity Utilization		22.2%	ICU Level of Service
Analysis Period (min)		15	A