

ENGINEERING INVESTIGATIONS AT
INACTIVE HAZARDOUS WASTE SITES
IN THE STATE OF NEW YORK

PHASE I INVESTIGATIONS

SOUTH MONTCLAIR AVENUE LANDFILL
TOWN OF SMITHTOWN
SUFFOLK COUNTY, NEW YORK
NYSDEC SITE NO. 152042

Prepared for:

Division of Solid and Hazardous Waste

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
50 Wolf Road, Albany, New York 12233

Prepared by:

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December 1985
82C4548-3

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EXECUTIVE SUMMARY

The South Montclair Avenue Landfill is located in the town of Smithtown, Suffolk County, New York (Figure 1). The South Montclair Avenue Landfill is located in a residential and mixed-industrial area. The facility operated at the South Montclair Avenue site from 1965 to 1971.

The South Montclair Avenue Landfill accepted broken blocks, pallets, plastic wrapping and typical household waste. The site is currently used for brush and leaf disposal. Additional data is needed to determine if the ground-water quality has deteriorated there and in the vicinity of the site.

The Phase I effort for the South Montclair Avenue Landfill included: collection and review of existing data; preparation of a preliminary Hazard Ranking Score (HRS) for the site; conducting a site investigation/responsible parties interview; development of a preliminary hydrogeologic model; completion of required documentation; development of a work plan and estimated costs for further investigations at the site; and preparation of a summary report.

The preliminary HRS scores developed for the South Montclair Avenue Landfill (NYSDEC Site No. 152042) are as follows:

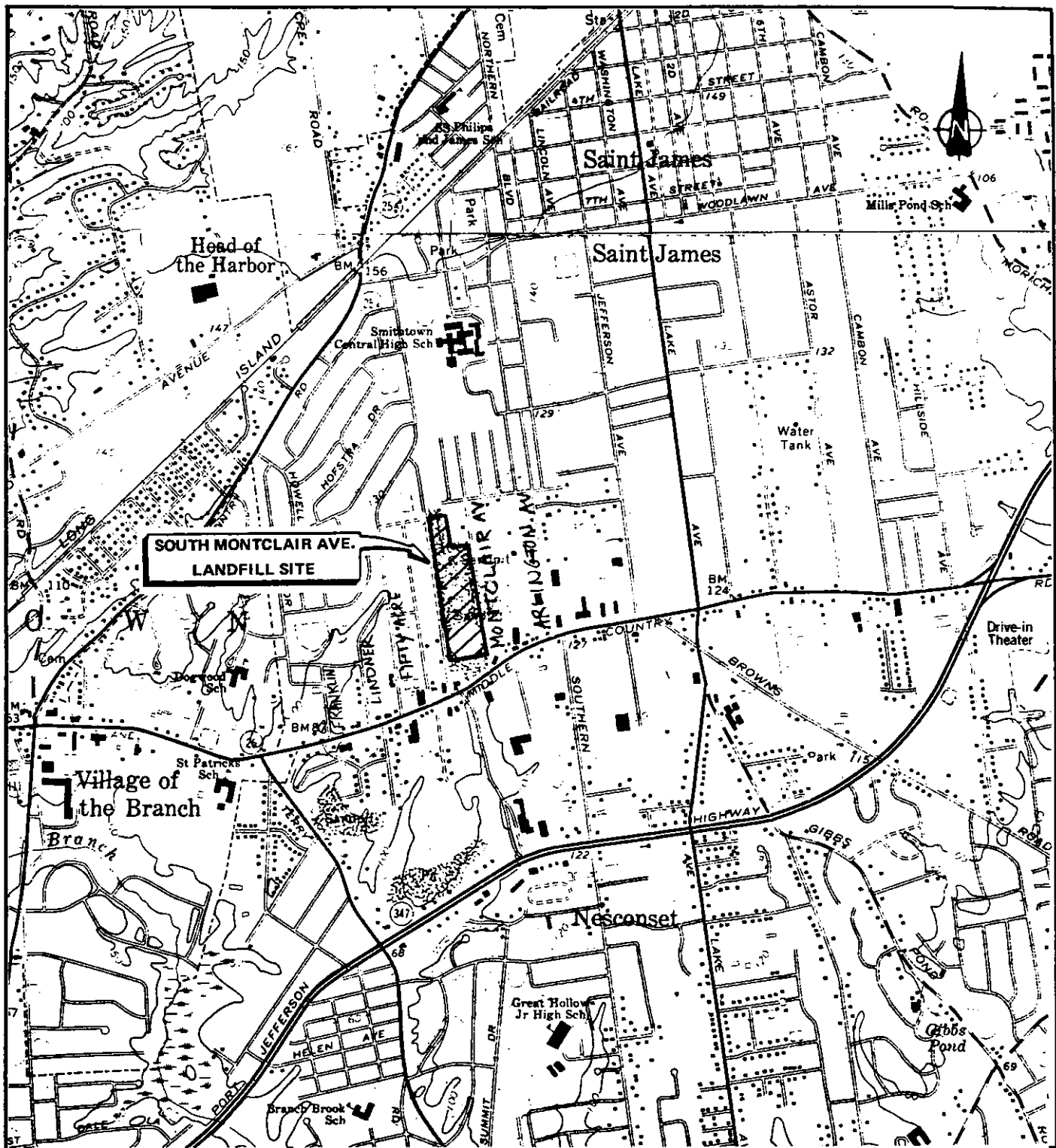
$$S_M = 0 \text{ (} S_{gw} = 0 \text{ } S_{sw} = 0 \text{ } S_a = 0 \text{)}$$

$$S_{FE} = N/A$$

$$S_{DC} = 0$$

The data available were generally adequate to prepare a final HRS score with the exception of information on Waste Characteristics. There is no concrete evidence of any hazardous materials having been deposited within the landfill.

The Phase II Work Plan developed for the South Montclair Avenue Landfill is specifically designed to address questions concerning soil, ground water and air quality so that a final HRS score and conceptual remedial designs and estimated costs can be developed. We have proposed a limited geophysical survey, the installation of four monitoring wells, ground water and soil sampling and air monitoring. A detailed description of the work plan and estimated costs is provided in Section 6.0.



0 2000 4000 FT
SCALE

COORDINATES

LAT. $40^{\circ} 51' 33''$
LONG. $73^{\circ} 09' 27''$

MAP SOURCE:

USGS MAPS CENTRAL ISLIP AND ST JAMES
QUADRANGLES NEW YORK-SUFFOLK CO.
7.5 MINUTE SERIES (Photorevised 1979)



Prepared for
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
50 Wolf Road, Albany, New York 12233
Henry G. Williams, Commissioner

Division of Solid and Hazardous Waste
Norman H. Nosenchuck, P.E.
Director

Approved

**SOUTH MONTCLAIR AVE. LANDFILL SITE
PHASE I INVESTIGATION**

SITE LOCATION MAP

Prepared by
WOODWARD-CLYDE CONSULTANTS, INC.
CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS
NEW YORK, NEW YORK

DR BY: BTD	SCALE: AS SHOWN	PROJ NO: 82C4548-3
CKD BY: MA	DATE: 24 JAN 1985	FIG NO: 1

NARRATIVE SUMMARY

The South Montclair Avenue landfill operated from 1965 to 1971 at South Montclair Avenue in Smithtown, New York. This site is located in the north-central part of Long Island, in Suffolk County, about 120 feet above mean sea level (USGS, 1979). Comprising 20 acres, it is situated in an area with mixed-industrial and residential land uses.

The site occupies a pit from which sand and gravel had been mined for concrete manufacturing before landfilling started in 1965. The landfill was reported to contain broken blocks, pallets, plastic wrapping and typical household waste (paper bags, leaves, stumps, limbs and plastic items). The site was previously owned by Colonial Sand and Stone, Inc. Currently it is owned by Smithtown and used by the Smithtown Highway Department for brush and leaf disposal. The concrete plant adjacent to the south side of the site has access to the landfill, and until a year ago dumped blocks and concrete directly into the landfill. The town is recycling most of the concrete blocks. Approximately 98% of the dump is filled in, with one third of the area covered with tall grass, another third used for recreational purposes (soccer fields) and the other third used by the Highway Department. The site also has methane vent pipes at the northwestern end. The town had a permit to operate a construction and demolition debris disposal site (10-82-1001) that expired in December, 1983.

The general area of the site slopes downward gently (0.8-1.1%) from northeast to southwest towards Northeast Branch, located 1.5 miles from the site. Millers pond and the Nissequogue River are located approximately 1.5 miles southwest and 1.7 miles west of the site, respectively. Stony Brook Harbor is approximately 2.3 miles north away. Fresh water wetlands and a critical habitat occur at Northeast Branch about 1 mile southwest of the site. Several historic or landmark sites are located within the view of the site.

Since there has been no reported ground water quality sampling for the site, the particular characteristics of the ground water quality beneath the site or in its proximity are unknown. Over 79,000 people live within a 3-mile radius of the site.

U.S. ENVIRONMENTAL PROTECTION AGENCY DOCUMENTATION

This section includes documentation records and work sheets required to develop Hazard Ranking System (HRS) scores. In addition, two EPA forms regarding site inspection and preliminary assessment have been completed and are included as required.

Documents included in this section are:

1. Preliminary Hazard Ranking System (HRS) Work Sheets
2. Documentation Records for HRS
3. EPA Form 2070-12 (Preliminary Assessment)
4. EPA Form 2070-113 (Site Inspection Report)

Forms were prepared as completely as possible using information available from private, county, state and federal agency files/sources. Values assigned to HRS rating factors are designated with a circle or square indicating complete or incomplete/inadequate data, respectively. The Suffolk County Department of Health Services files and the Site Survey provided the most complete site specific data. Information provided in the Documentation Records for HRS are referenced and copies of most references are included in Appendix B. Agencies contacted for information on the site are listed in Table I.



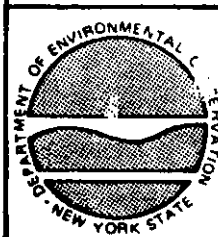
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SCALE

COORDINATES

LAT. $40^{\circ} 51' 33''$
LONG. $73^{\circ} 09' 27''$

MAP SOURCE:

USGS MAPS CENTRAL ISLIP AND ST JAMES
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SOUTH MONTCLAIR AVE. LANDFILL SITE PHASE I INVESTIGATION

SITE LOCATION MAP

Prepared by:

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NEW YORK, NEW YORK

DR BY: BTD	SCALE: AS SHOWN	PROJ NO: 82C4548-3
CK'D BY: MA	DATE: 24 JAN 1985	FIG NO: 1

2.1 Preliminary HRS Work Sheets

Facility name: <u>South Montclair Avenue Landfill</u>	
Location: <u>Smithtown, New York</u>	
EPA Region: <u>II</u>	
Person(s) in charge of the facility: <u>Francis J. Mooney, Town Engineer</u>	
Name of Reviewer: <u>Michael Akerbergs</u>	Date: <u>4/8/85</u>
General description of the facility:	
(For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)	
<u>The South Montclair Ave. landfill covers 20 acres and</u>	
<u>operated from 1965 to 1971 at South Montclair Ave. in</u>	
<u>Smithtown, NY. This facility accepted broken blocks,</u>	
<u>pallets, plastic wrapping and typical household waste.</u>	
<u>The site is currently used for brush and leaf disposal.</u>	
<u>Additional data</u>	
<u>is needed to determine if the ground water quality has</u>	
<u>deteriorated there and in the vicinity of the site.</u>	
Scores: $S_M = 0$ ($S_{gw} = 0$ $S_{sw} = 0$ $S_a = 0$)	
$S_{FE} = N/A$	
$S_{DC} = 0$	

FIGURE 1
HRS COVER SHEET

Ground Water Route Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi- plier	Score	Max. Score	Ref. (Section)	
1 Observed Release	0 45	1	0	45	3.1	
If observed release is given a score of 45, proceed to line 4 . If observed release is given a score of 0, proceed to line 2 .						
2 Route Characteristics					3.2	
Depth to Aquifer of Concern	0 1 2 3	2	4	6		
Net Precipitation	0 1 2 3	1	3	3		
Permeability of the Unsaturated Zone	0 1 2 3	1	3	3		
Physical State	0 1 2 3	1	0	3		
Total Route Characteristics Score			10	15		
3 Containment	0 1 2 3	1	3	3	3.3	
4 Waste Characteristics					3.4	
Toxicity/Persistence	0 3 6 9 12 15 18	1	0	18		
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1	0	8		
Total Waste Characteristics Score			0	26		
5 Targets					3.5	
Ground Water Use	0 1 2 3	3	9	9		
Distance to Nearest Well/Population Served	0 4 6 8 10 12 16 18 20 24 30 32 35 40	1	35	40		
Total Targets Score			44	49		
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5			0	57,330		
7 Divide line 6 by 57,330 and multiply by 100			$S_{gw} = 0$			

FIGURE 2
GROUND WATER ROUTE WORK SHEET

Surface Water Route Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)	
1 Observed Release	<u>0</u> 45	1	<u>0</u>	45	4.1	
If observed release is given a value of 45, proceed to line 4 . If observed release is given a value of 0, proceed to line 2 .						
2 Route Characteristics					4.2	
Facility Slope and Intervening Terrain	<u>0</u> 1 2 3	1	<u>0</u>	3		
1-yr. 24-hr. Rainfall	0 1 <u>2</u> 3	1	<u>2</u>	3		
Distance to Nearest Surface Water	0 <u>1</u> 2 3	2	<u>2</u>	6		
Physical State	<u>0</u> 1 2 3	1	<u>0</u>	3		
Total Route Characteristics Score			<u>4</u>	15		
3 Containment	0 1 2 <u>3</u>	1	<u>3</u>	3	4.3	
4 Waste Characteristics					4.4	
Toxicity/Persistence	<u>0</u> 3 6 9 12 15 18	1	<u>0</u>	18		
Hazardous Waste Quantity	<u>0</u> 1 2 3 4 5 6 7 8	1	<u>0</u>	8		
Total Waste Characteristics Score			<u>0</u>	26		
5 Targets					4.5	
Surface Water Use	0 1 <u>2</u> 3	3	<u>6</u>	9		
Distance to a Sensitive Environment	0 <u>1</u> 2 3	2	<u>2</u>	6		
Population Served/Distance to Water Intake Downstream	<u>0</u> 4 6 8 10 12 16 18 20 24 30 32 35 40	1	<u>0</u>	40		
Total Targets Score			<u>8</u>	55		
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5			<u>0</u>	64,350		
7 Divide line 6 by 64,350 and multiply by 100			S _{sw} = <u>0</u>			

FIGURE 7
SURFACE WATER ROUTE WORK SHEET

Air Route Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)	
1 Observed Release	0 45	1	0	45	5.1	
Date and Location:						
Sampling Protocol:						
If line 1 is 0, the $S_a = 0$. Enter on line 5 . If line 1 is 45, then proceed to line 2 .						
2 Waste Characteristics					5.2	
Reactivity and Incompatibility	0 1 2 3	1		3		
Toxicity	0 1 2 3	3		9		
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8		
Total Waste Characteristics Score				20		
3 Targets					5.3	
Population Within 4-Mile Radius	0 9 12 15 18 21 24 27 30	1		30		
Distance to Sensitive Environment	0 1 2 3	2		6		
Land Use	0 1 2 3	1		3		
Total Targets Score				39		
4 Multiply 1 x 2 x 3				35,100		
5 Divide line 4 by 35,100 and multiply by 100			$S_a = 0$			

FIGURE 9
AIR ROUTE WORK SHEET

	s	s ²
Groundwater Route Score (S _{gw})	0	0
Surface Water Route Score (S _{sw})	0	0
Air Route Score (S _a)	0	0
$S_{gw}^2 + S_{sw}^2 + S_a^2$		0
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2}$		0
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2} / 1.73 = S_M =$		0

FIGURE 10
WORKSHEET FOR COMPUTING S_M

N/A

Fire and Explosion Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)	
1 Containment	1 3	1		3	7.1	
2 Waste Characteristics					7.2	
Direct Evidence	0 3	1		3		
Ignitability	0 1 2 3	1		3		
Reactivity	0 1 2 3	1		3		
Incompatibility	0 1 2 3	1		3		
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8		
Total Waste Characteristics Score				20		
3 Targets					7.3	
Distance to Nearest Population	0 1 2 3 4 5	1		5		
Distance to Nearest Building	0 1 2 3	1		3		
Distance to Sensitive Environment	0 1 2 3	1		3		
Land Use	0 1 2 3	1		3		
Population Within 2-Mile Radius	0 1 2 3 4 5	1		5		
Buildings Within 2-Mile Radius	0 1 2 3 4 5	1		5		
Total Targets Score				24		
4 Multiply 1 x 2 x 3				1,440		
5 Divide line 4 by 1,440 and multiply by 100			SFE =			

FIGURE 11
FIRE AND EXPLOSION WORK SHEET

Direct Contact Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi- plier	Score	Max. Score	Ref. (Section)	
1 Observed Incident	<u>0</u> 45	1	<u>0</u>	45	8.1	
If line 1 is 45, proceed to line 4 If line 1 is 0, proceed to line 2						
2 Accessibility	0 1 2 <u>3</u>	1	<u>3</u>	3	8.2	
3 Containment	<u>0</u> 15	1	<u>0</u>	15	8.3	
4 Waste Characteristics Toxicity	<u>0</u> 1 2 3	5	<u>0</u>	15	8.4	
5 Targets					8.5	
Population Within a 1-Mile Radius	0 1 2 3 <u>4</u> 5	4	<u>16</u>	20		
Distance to a Critical Habitat	0 <u>1</u> 2 3	4	<u>4</u>	12		
Total Targets Score			<u>20</u>	32		
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5			<u>0</u>	21,600		
7 Divide line 6 by 21,600 and multiply by 100			SDC = <u>0</u>			

FIGURE 12
DIRECT CONTACT WORK SHEET

2.2 Documentation Records for HRS

**DOCUMENTATION RECORDS
FOR HAZARD RANKING SYSTEM**

INSTRUCTIONS: The purpose of these records is to provide a convenient way to prepare an auditable record of the data and documentation used to apply the Hazard Ranking System to a given facility. As briefly as possible summarize the information you used to assign the score for each factor (e.g., "Waste quantity = 4,230 drums plus 800 cubic yards of sludges"). The source of information should be provided for each entry and should be a bibliographic-type reference that will make the document used for a given data point easier to find. Include the location of the document and consider appending a copy of the relevant page(s) for ease in review.

FACILITY NAME: South Montclair Avenue Landfill

LOCATION: South Montclair Avenue, Smithtown, New York

DATE SCORED: April 8, 1985

PERSON SCORING: Michael Akerbergs

PRIMARY SOURCE(S) OF INFORMATION (e.g., EPA region, state, FIT, etc.):

Woodward-Clyde Consultants, Inc. (WCCI) Files, Interview and Inspection of site.
Suffolk County Department of Health Files.

FACTORS NOT SCORED DUE TO INSUFFICIENT INFORMATION:

See Section 5.0 - Data Adequacy

COMMENTS OR QUALIFICATIONS:

GROUND WATER ROUTE

I. OBSERVED RELEASE

Contaminants detected (5 maximum):

No

Rationale for attributing the contaminants to the facility:

N/A

* * *

2. ROUTE CHARACTERISTICS

Depth to Aquifer of Concern

Name/description of aquifer(s) of concern:

Upper Glacial and Magothy aquifers. The Upper Glacial and the Magothy aquifers are hydraulically connected. (Jensen and Soren, 1974).

Depth(s) from the ground surface to the highest seasonal level of the saturated zone (water table(s)) of the aquifer of concern:

65 to 75 feet (NYSDEC Region I Well Permits).

Depth from the ground surface to the lowest point of waste disposal/storage:

35 to 40 feet (WCCI Site Inspection, 1984).

Net Precipitation

Mean annual or seasonal precipitation (list months for seasonal):

45 inches average annual (User's Manual).

Mean annual lake or seasonal evaporation (list months for seasonal):

29 inches average annual (User's Manual).

Net precipitation (subtract the above figures):

16 inches (based upon above numbers).

Permeability of Unsaturated Zone

Soil type in unsaturated zone:

Sand and gravel (WCCI Site Inspection, 1984).

Gravel pits (Gp) -are open excavations that have been made for the purpose of mining sand and gravel (Soil Survey of Suffolk County, NY).

Permeability associated with soil type:

Moderate to high (WCCI Site Inspection, 1984).
Greater than 10^{-3} .

Physical State

Physical state of substances at time of disposal (or at present time for generated gases):

Solid and stable (WCCI Site Inspection, 1984).

3. CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

Landfill, no liner (WCCI Site Inspection, 1984).

Method with highest score:

Landfill, no liner.

4. WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated:

Unknown

Compound with highest score:

N/A

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

N/A (According to town of Smithtown, the site was never used for hazardous waste disposal). (Town of Smithtown, letter dated 1/15/85).

Basis of estimating and/or computing waste quantity:

N/A

5. TARGETS

Ground Water Use

Use(s) of aquifer(s) of concern within a 3-mile radius of the facility:

Domestic and commercial/industrial uses. (WCCI Site Inspection, 1981; NYSDEC Region I Well Permits).

Distance to Nearest Well

Location of nearest well drawing from aquifer of concern or occupied building not served by a public water supply:

Public supply well: Approximately 3000 ft. east of the site (NY State DOH, 1982).

Distance to above well or building:

3000 ft. (NY State DOH, 1982).

Population Served by Ground Water Wells Within a 3-Mile Radius

Identified water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:

Wells managed by Suffolk County Water Authority: Smithtown - Kings Park, Bay Shore and Port Jefferson plants, and St. James Water District. SCWA serves approximately 900,000 people county wide.

79,103 people live within 3 miles of the site (Donnelley Marketing, 1984).

Computation of land area irrigated by supply well(s) drawing from aquifer(s) of concern within a 3-mile radius, and conversion to population (1.5 people per acre):

Nursery stock 700 ft. south; 40 acre vegetable farm is SW about 1.5 miles; within 1 mile to the north with unknown acreage.
27 people (NYS Department of Agriculture and Markets, 1985).

Total population served by ground water within a 3-mile radius:

79,103 people live within a 3-mile radius of the site (Donnelley Marketing, 1984).

SURFACE WATER ROUTE

1. OBSERVED RELEASE

Contaminants detected in surface water at the facility or downhill from it (5 maximum):

None

Rationale for attributing the contaminants to the facility:

N/A

2. ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain

Average slope of facility in percent:

Less Than 3% (WCCI Site Inspection, 1984)

Name/description of nearest downslope surface water:

North Branch located approximately 1.1 miles SW of the site (USGS, 1979)

Average slope of terrain between facility and above-cited surface water body in percent:

Less than 3% (WCCI Site Inspection, 1984)

Is the facility located either totally or partially in surface water?

No (WCCI Site Inspection, 1984).

Is the facility completely surrounded by areas of higher elevation?

No (WCCI Site Inspection, 1984)

1-Year 24-Hour Rainfall in Inches

2.7 inches (User's Manual)

Distance to Nearest Downslope Surface Water

1.1 miles SW of site.

Physical State of Waste

See Ground Water Route.

* * *

3. CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

Scored as Landfill - 3 (User's Manual).

Method with highest score:

Landfill - 3.

4. WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated

See Ground Water Route.

Compound with highest score:

See Ground Water Route.

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

See Ground Water Route.

Basis of estimating and/or computing waste quantity:

See Ground Water Route.

* * *

5. TARGETS

Surface Water Use

Use(s) of surface water within 3 miles downstream of the hazardous substance:

Nissequogue River, New Millpon, Miller's Pond, Gibbs Pond, Spectacle Pond, Lake Ronkonoma and Stony Brook Harbor. Use - recreation (USGS, 1979).

Is there tidal influence?

No (USGS, 1979)

Distance to a Sensitive Environment

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

No (NYSDEC Region I).

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

0.95 miles SW of the site (NYSDEC Region I).

Distance to critical habitat of an endangered species or national wildlife refuge, if 1 mile or less:

0.95 miles SW of the site (NYSDEC Region I).

Population Served by Surface Water

Location(s) of water-supply intake(s) within 3 miles (free-flowing bodies) or 1 mile (static water bodies) downstream of the hazardous substance and population served by each intake:

N/A

Computation of land area irrigated by above-cited intake(s) and conversion to population (1.5 people per acre):

N/A

Total population served:

N/A

Name/description of nearest of above water bodies:

N/A

Distance to above-cited intakes, measured in stream miles:

N/A

AIR ROUTE

1. OBSERVED RELEASE

Contaminants detected:

None

Date and location of detection of contaminants:

N/A

Methods used to detect the contaminants:

N/A

Rationale for attributing the contaminants to the site:

N/A

* * *

2. WASTE CHARACTERISTICS

Reactivity and Incompatibility

Most reactive compound:

N/A

Most incompatible pair of compounds:

N/A

Toxicity

Most toxic compound:

See Ground Water Route.

Hazardous Waste Quantity

Total quantity of hazardous waste:

See Ground Water Route.

Basis of estimating and/or computing waste quantity:

See Ground Water Route.

* * *

3. TARGETS

Population Within 4-Mile Radius

Circle radius used, give population, and indicate how determined:

<u>0 to 4 mi</u>	<u>0 to 1 mi</u>	<u>0 to 1/2 mi</u>	<u>0 to 1/4 mi</u>
126,206	5,405	1,601	570 homes
(Donnelley Marketing, 1984) (WCCI Site Inspection, 1984).			

Distance to a Sensitive Environment

Distance to 5-acre (minimum) coastal wetland, if 2 miles or less:

None (NYSDEC Region I).

Distance to 5-acre (minimum) fresh-water wetland, if 1 mile or less:

0.95 miles SW of the site (NYSDEC Region I).

Distance to critical habitat of an endangered species, if 1 mile or less:

0.95 miles SW of the site (NYSDEC Region I).

Land Use

Distance to commercial/industrial area, if 1 mile or less:

Concrete block plant is on the southern boundary of the site. Other local business's are on the other side of S. Montclair Ave. (west) (WCCI Site Inspection, 1984).

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

2.2 miles (SW) County Park (Forestwood Park) (USGS, 1979).

Distance to residential area, if 2 miles or less:

Residential areas are on the Northwest and Northeast boundary of the S. Montclair Ave. site. Distance less than 1,000 feet (WCCI Site Inspection, 1984).

Distance to agricultural land in production within past 5 years, if 1 mile or less:

Nursery stock 700 ft. south.

Unknown number of acres within 1 miles to the north.
(NYS Department of Agriculture and Markets, 1985).

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

Same as above

Is a historic or landmark site (National Register of Historical Places and National Natural Landmarks) within the view of the site?

Blydenburg Park Historic District (NHL 8/11/83).

Halliock Inn (NHL 8/7/84).

First Presbyterian Church (NHL 12/23/77). (WCCI Files). (NYS Office of Parks, Recreation and Historic Preservation, 1984).

FIRE AND EXPLOSION

1. CONTAINMENT

Hazardous substances present:

N/A

Type of containment, if applicable:

N/A

* * *

2. WASTE CHARACTERISTICS

Direct Evidence

Type of instrument and measurements:

N/A

Ignitability

Compound used:

Some methane gas released through vents on the northern section of the site (WCCI Site Inspection, 1984).

Reactivity

Most reactive compound:

N/A

Incompatibility

Most incompatible pair of compounds:

N/A

* * *

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility:

See ground water route.

Basis of estimating and/or computing waste quantity:

See ground water route.

* * *

3. TARGETS

Distance to Nearest Population

Less than 100 ft. (WCCI Site Inspection, 1984).

Distance to Nearest Building

Less than 100 ft. (WCCI Site Inspection, 1984).

Distance to Sensitive Environment

Distance to wetlands:

0.95 miles SW of the site. (NYSDEC Region I).

Distance to critical habitat:

0.95 miles SW of the site. (NYSDEC Region I, 1985).

Land Use

Distance to commercial/industrial area, if 1 miles or less:

See Air Route.

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

See Air Route.

Distance to residential area, if 2 miles or less:

See Air Route.

Distance to agricultural land in production within past 5 years, if 1 mile or less:

See Air Route.

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

See Air Route.

Is a historic or landmark site (National Register or Historic Places and National Natural Landmarks) within the view of the site?

See Air Route.

Population Within 2-Mile Radius

31,999 (Donnelley Marketing, 1984).

Buildings Within 2- Mile Radius

1200 (WCCI Site Inspection, 1984).

DIRECT CONTACT

1. OBSERVED INCIDENT

Date, location, and pertinent details of incident:

N/A

*** * ***

2. ACCESSIBILITY

Describe type of barrier(s):

Chain-link fence around most of the property, excluding the southern end of landfill (WCCI Site Inspection, 1984).

*** * ***

3. CONTAINMENT

Type of containment, if applicable:

N/A

*** * ***

4. WASTE CHARACTERISTICS

Toxicity

Compounds evaluated:

See Ground Water Route.

Compound with highest score:

See Ground Water Route.

*** * ***

5. TARGETS

Population within one-mile radius

5405 (Donnelley Marketing, 1984).

Distance to critical habitat (of endangered species)

0.95 miles SW of site (NYSDEC Region I).

2.3 EPA Form 2070-12 -- PRELIMINARY ASSESSMENT



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY Not Available

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) South Montclair Avenue Landfill		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER South Montclair Avenue				
03 CITY Smithtown		04 STATE N.Y.	05 ZIP CODE 11787	06 COUNTY Suffolk	07 COUNTY CODE	08 CONG DIST
09 COORDINATES LATITUDE 40° 51' 15" N LONGITUDE 73° 09' 21" W						
10 DIRECTIONS TO SITE (Starting from nearest public road) From Route 25 west take a left onto Montclair Ave. Landfill is approximately 500 ft. on left side.						

III. RESPONSIBLE PARTIES

01 OWNER (if known) Town of Smithtown		02 STREET (Business, mailing, residential) 99 W. MAIN ST.				
03 CITY Smithtown		04 STATE N.Y.	05 ZIP CODE 11787	06 TELEPHONE NUMBER 15161360-7550		
07 OPERATOR (if known and different from owner)		08 STREET (Business, mailing, residential)				
09 CITY		10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		
13 TYPE OF OWNERSHIP (Check one) <input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input checked="" type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN						
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input checked="" type="checkbox"/> A. RCRA 3001 DATE RECEIVED: 12-1-83 MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: / / MONTH DAY YEAR <input type="checkbox"/> C. NONE						

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 12/19/84 MONTH DAY YEAR <input type="checkbox"/> NO		02 BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input checked="" type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): WCCI				
02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1965 1971 BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN				

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Typical household waste (Paper, plastic bags, leaves, stumps, and other materials)	
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION Potential for groundwater contamination by leachate emanating from landfill.	

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (inspection required promptly) <input type="checkbox"/> B. MEDIUM (inspection required) <input checked="" type="checkbox"/> C. LOW (inspect on time available basis) <input type="checkbox"/> D. NONE (no further action needed, complete current disposition form)	
--	--

VI. INFORMATION AVAILABLE FROM

01 CONTACT Francis J. Mooney		02 OF (Agency/Organization) Town Engineer of Smithtown		03 TELEPHONE NUMBER 15161360-7550	
04 PERSON RESPONSIBLE FOR ASSESSMENT James T. Moore		05 AGENCY	06 ORGANIZATION WCCI	07 TELEPHONE NUMBER 15011785-0700 (212) 926-2878	08 DATE 1/25/85 MONTH DAY YEAR

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply) <input checked="" type="checkbox"/> A. SOLID <input type="checkbox"/> B. POWDER, FINES <input type="checkbox"/> C. SLUDGE <input type="checkbox"/> D. OTHER _____ (Specify)	02 WASTE QUANTITY AT SITE (Measure of waste quantities must be independent) TONS <u>300,000</u> CUBIC YARDS _____ NO. OF DRUMS _____	03 WASTE CHARACTERISTICS (Check all that apply) <input type="checkbox"/> A. TOXIC <input type="checkbox"/> B. CORROSIVE <input type="checkbox"/> C. RADIOACTIVE <input type="checkbox"/> D. PERSISTENT <input type="checkbox"/> E. SOLUBLE <input type="checkbox"/> F. INFECTIOUS <input type="checkbox"/> G. FLAMMABLE <input type="checkbox"/> H. IGNITABLE <input type="checkbox"/> I. HIGHLY VOLATILE <input type="checkbox"/> J. EXPLOSIVE <input type="checkbox"/> K. REACTIVE <input type="checkbox"/> L. INCOMPATIBLE <input type="checkbox"/> M. NOT APPLICABLE
---	---	--

HL WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	NA		
OLW	OILY WASTE	NA		
SOL	SOLVENTS	NA		
PSD	PESTICIDES	NA		
OCC	OTHER ORGANIC CHEMICALS	NA		
IOC	INORGANIC CHEMICALS	NA		
ACD	ACIDS	NA		
BAS	BASES	NA		
MES	HEAVY METALS	NA		

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

[illegible]

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Inspection of site. The landfill has vents to release the gas. Amounts or levels of methane are unknown (WCC² Inspection, 1984)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE NY 02 SITE NUMBER N/A

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

There is a possibility for potential groundwater contamination by leachate emanating from landfill

01 ☐ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

NA

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

NA

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: > 500 people

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

Methane vents are located at the north end of the site
(WCCI site inspection, 1984) (>500 people per 1/4 mi. radius)

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

NA

01 ☐ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: _____ (Acres)

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

NA

01 ☐ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

NA

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

NA

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

NA



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY N/A

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
N/A

01 ☐ K. DAMAGE TO FAUNA 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (include name(s) of species)
N.A.

01 ☐ L. CONTAMINATION OF FOOD CHAIN 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
N.A.

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
(Spills/runoff/standing liquids/leaking drums)
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION
N/A.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
N.A.

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
N.A.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
UNKNOWN or N.A.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

N.A.

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

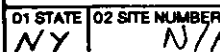
N.A.

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

(WCCI Files; N.Y.D.E.C., Suffolk County Health Dept.)

2.4 EPA Form 2070-13 -- SITE INSPECTION REPORT

<div style="display: inline-block; text-align: center;"> POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 1 - SITE LOCATION AND INSPECTION INFORMATION </div>		I. IDENTIFICATION	
		01 STATE NY	02 SITE NUMBER Not Available
II. SITE NAME AND LOCATION			
01 SITE NAME (Legal, common, or descriptive name of site) South Montclair Ave Landfill		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER South Montclair Ave	
03 CITY Smithtown		04 STATE N.Y.	05 ZIP CODE 11787
06 COUNTY Suffolk		07 COUNTY CODE	08 CONG DIST
09 COORDINATES LATITUDE: 40° 51' 33" 0 LONGITUDE: 73° 24' 52" 0		10 TYPE OF OWNERSHIP (Check one) <input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input checked="" type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER	
III. INSPECTION INFORMATION			
01 DATE OF INSPECTION 12, 19, 84 <small>MONTH DAY YEAR</small>	02 SITE STATUS <input type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> INACTIVE	03 YEARS OF OPERATION 1965 1971 UNKNOWN <small>BEGINNING YEAR ENDING YEAR</small>	
04 AGENCY PERFORMING INSPECTION (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR <input type="checkbox"/> E. STATE <input checked="" type="checkbox"/> F. STATE CONTRACTOR <u>WCCI</u> <input type="checkbox"/> G. OTHER _____ <small>(Name of firm) (Specify)</small>			
05 CHIEF INSPECTOR James T. Moore	06 TITLE Staff Geologist	07 ORGANIZATION WCCI	08 TELEPHONE NO. (201) 785-0700
09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO. ()
			()
			()
			()
			()
			()
13 SITE REPRESENTATIVES INTERVIEWED Francis J. Mooney	14 TITLE Town Engineer	15 ADDRESS 99 W. MAIN STREET	16 TELEPHONE NO. (516) 360-7550
			()
			()
			()
			()
			()
17 ACCESS GAINED BY <small>(Check one)</small> <input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT	18 TIME OF INSPECTION 2:30 PM	19 WEATHER CONDITIONS Cloudy, rainy and cold	
IV. INFORMATION AVAILABLE FROM			
01 CONTACT Francis J. Mooney		02 OF (Agency/Organization) Town Engineer, Town of Smithtown	
03 TELEPHONE NO. (516) 360-7550			
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM JAMES T. MOORE	05 AGENCY	06 ORGANIZATION WCCI	07 TELEPHONE NO. 201-785-0700 212-926-2878
08 DATE 12, 19, 84 <small>MONTH DAY YEAR</small>			



<input type="checkbox"/> A. TOXIC	<input type="checkbox"/> E. SOLUBLE	<input type="checkbox"/> I. HIGHLY VOLATILE
<input type="checkbox"/> B. CORROSIVE	<input type="checkbox"/> F. INFECTIOUS	<input type="checkbox"/> J. EXPLOSIVE
<input type="checkbox"/> C. RADIOACTIVE	<input type="checkbox"/> G. FLAMMABLE	<input type="checkbox"/> K. REACTIVE
<input type="checkbox"/> D. PERSISTENT	<input type="checkbox"/> H. IGNITABLE	<input type="checkbox"/> L. INCOMPATIBLE
		<input type="checkbox"/> M. NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

NY N/A

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: >500 people

04 NARRATIVE DESCRIPTION

The soil is such that ANY contaminated materials would go directly down into the soil and potentially contaminate the groundwater. (WCCI ^{SITE} INSPECTION, 1984) (>500 per 1/4 mile radius)

01 ☐ B. SURFACE WATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

NA

01 ☐ C. CONTAMINATION OF AIR

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

NA

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: >500 people

04 NARRATIVE DESCRIPTION

methane vents are located at the North end of the South Montclair Landfill (WCCI Inspection, 1984) (>500 per 1/4 mile radius)

01 ☐ E. DIRECT CONTACT

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

NA

01 ☐ F. CONTAMINATION OF SOIL

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 AREA POTENTIALLY AFFECTED: _____ (Acres)

04 NARRATIVE DESCRIPTION

NA

01 ☐ G. DRINKING WATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

NA

01 ☐ H. WORKER EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 WORKERS POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

NA

01 ☐ I. POPULATION EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

NA



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY N/A

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N.A.

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N.A.

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N.A.

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/Runoff/Standing liquids, Leaking drums)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N.A.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N.A.

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N.A.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

N.A.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

NONE

III. TOTAL POPULATION POTENTIALLY AFFECTED: < 500 people per 1/4 mile

IV. COMMENTS

There is a potential for contamination, but whether it has happened is unknown (see site inspection, 1984)

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

WCCI SITE INSPECTION, 1984
SC Dept. of Health file
NYS DEC file



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY N/A

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input type="checkbox"/> A. NPDES	10-02-1001 3032		12/12/82	
<input type="checkbox"/> B. UIC	NA			
<input type="checkbox"/> C. AIR	NA			
<input type="checkbox"/> D. RCRA	NA			
<input type="checkbox"/> E. RCRA INTERIM STATUS	NA			
<input type="checkbox"/> F. SPCC PLAN	NA			
<input type="checkbox"/> G. STATE (Specify)	NA			
<input type="checkbox"/> H. LOCAL (Specify)	NA			
<input type="checkbox"/> I. OTHER (Specify)	NA			
<input type="checkbox"/> J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
<input type="checkbox"/> A. SURFACE IMPOUNDMENT			<input type="checkbox"/> A. INCINERATION	<input type="checkbox"/> A. BUILDINGS ON SITE
<input type="checkbox"/> B. PILES			<input type="checkbox"/> B. UNDERGROUND INJECTION	NA
<input type="checkbox"/> C. DRUMS, ABOVE GROUND			<input type="checkbox"/> C. CHEMICAL/PHYSICAL	
<input type="checkbox"/> D. TANK, ABOVE GROUND			<input type="checkbox"/> D. BIOLOGICAL	
<input type="checkbox"/> E. TANK, BELOW GROUND			<input type="checkbox"/> E. WASTE OIL PROCESSING	
<input checked="" type="checkbox"/> F. LANDFILL	300,000	Tons	<input type="checkbox"/> F. SOLVENT RECOVERY	06 AREA OF SITE
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY	20 (Acres)
<input type="checkbox"/> H. OPEN DUMP			<input checked="" type="checkbox"/> H. OTHER (Specify) NO/11	
<input type="checkbox"/> I. OTHER (Specify)				

07 COMMENTS

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☒ A. ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DRUMS, LINERS, BARRIERS, ETC.

NA

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ☒ NO

02 COMMENTS

the site is fenced, except on south side where is limited by concrete plant.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

WCCI site inspection, 1984
SC Dept. of Health file,
NYSDEC file.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
D1 STATE NY D2 SITE NUMBER N/A

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY
(Check as applicable)

SURFACE WELL
COMMUNITY A. ☐ B. ☒
NON-COMMUNITY C. ☐ D. ☒

02 STATUS

ENDANGERED AFFECTED MONITORED
A. ☐ B. ☐ C. ☐
D. ☐ E. ☐ F. ☒

03 DISTANCE TO SITE

A. 0.6 (mi)
B. 0.67 (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☒ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING
(Other sources available)
COMMERCIAL, INDUSTRIAL, IRRIGATION
(No other water sources available)
☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION
(Limited other sources available)
☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER < 500 people per 1/4 mile

03 DISTANCE TO NEAREST DRINKING WATER WELL 0.6 (mi)

04 DEPTH TO GROUNDWATER

65-75 (ft)

05 DIRECTION OF GROUNDWATER FLOW

NW

06 DEPTH TO AQUIFER
OF CONCERN

65-75 (ft)

07 POTENTIAL YIELD
OF AQUIFER

UNKNOWN (gpd)

08 SOLE SOURCE AQUIFER

☐ YES ☒ NO

09 DESCRIPTION OF WELLS (including useage, depth, and location relative to population and buildings)

Use: domestic,
car wash, etc (WCCI File)

10 RECHARGE AREA

☐ YES
☐ NO COMMENTS

11 DISCHARGE AREA

☐ YES
☐ NO COMMENTS

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☒ A. RESERVOIR, RECREATION,
DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY
IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:

Nissequogue River
Millers Pond

AFFECTED

DISTANCE TO SITE

☐ 1.7 (mi)
☐ 1.5 (mi)
☐ (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE
A. 5405
NO. OF PERSONS

TWO (2) MILES OF SITE
B. 31,999
NO. OF PERSONS

Four (4)
THREE (3) MILES OF SITE
C. 126,206
NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION

less than 1/4 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE

1200

04 DISTANCE TO NEAREST OFF-SITE BUILDING

less than 1/4 (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

The population around the site is semi-dense with
pockets of housing around the site. The area is
also semi-industrial and rural in some sparse
locales (WCCI Inspection)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY N/A

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. 10^{-8} - 10^{-9} cm/sec ☐ B. 10^{-4} - 10^{-6} cm/sec ☒ C. 10^{-4} - 10^{-3} cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☒ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☐ B. RELATIVELY IMPERMEABLE (10^{-4} - 10^{-6} cm/sec) ☐ C. RELATIVELY PERMEABLE (10^{-2} - 10^{-4} cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK

1050 (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

unknown (ft)

05 SOIL pH

UNKNOWN

06 NET PRECIPITATION

16 (in)

07 ONE YEAR 24 HOUR RAINFALL

3 (in)

08 SLOPE
SITE SLOPE

< 3 %

DIRECTION OF SITE SLOPE

SW

TERRAIN AVERAGE SLOPE

< 3 %

09 FLOOD POTENTIAL

SITE IS IN YEAR FLOODPLAIN

10

☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE

OTHER

A. (mi)

B. 0.95 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

0.95 (mi)

ENDANGERED SPECIES:

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

RESIDENTIAL AREAS; NATIONAL/STATE PARKS,
FORESTS, OR WILDLIFE RESERVES

AGRICULTURAL LANDS
PRIME AG LAND AG LAND

A. < 1/4 (mi)

B. 2.7 (mi)

C. 1 (mi)

D. 700 ft (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site originally was the source of sand and gravel for concrete manufacturing. Presently, the site is being used as a dump by the Smithtown Highway Dept. at the southern end of the site. This dump is being used as a brush and leave disposal site, along with plastic sheet covering, wooden pallets and concrete blocks.

The topography is relatively gentle rolling hills and mixed is with partly industrial & commercial, partly residential and partly recreational.

VII. SOURCES OF INFORMATION (See specific references, e.g., state files, sample analysis, reports)

WCCI Interview

WCCI Files (records of telephone conversations)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION

01 STATE NY 02 SITE NUMBER N/A

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	NA	NA	NA
SURFACE WATER	NA	NA	NA
WASTE	111	111	111
AIR	111	111	111
RUNOFF	111	111	111
SPILL	111	111	111
SOIL	111	111	111
VEGETATION	111	111	111
OTHER	111	111	111

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
Combustible Gas + O ₂	- NO readings (WCCI INSTRUMENT)
Geiger Counter	- NO readings WCCI
H ₂	- NO readings WCCI

IV. PHOTOGRAPHS AND MAPS

01 TYPE <input checked="" type="checkbox"/> GROUND <input type="checkbox"/> AERIAL	02 IN CUSTODY OF <u>WCCI</u> <small>(Name of organization or individual)</small>
03 MAPS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	04 LOCATION OF MAPS <u>WCCI</u>

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

Geiger Counter - NO reading
HNU - NO reading
Combustible Gas meter - NO reading

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

WCCI INSPECTION, 1984
SITE



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION

01 STATE *NY* 02 SITE NUMBER *N/A*

II. CURRENT OWNER(S)				PARENT COMPANY (if applicable)			
01 NAME <i>Town of Smithtown</i>		02 D+B NUMBER		08 NAME <i>no information available</i>		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) <i>99 W. Main Street</i>		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY <i>Smithtown</i>		06 STATE <i>N.Y.</i>	07 ZIP CODE <i>11787</i>	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
III. PREVIOUS OWNER(S) (List most recent first)				IV. REALTY OWNER(S) (if applicable; list most recent first)			
01 NAME <i>Colonial Sand & Stone Inc</i>		02 D+B NUMBER		01 NAME <i>no information available</i>		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) <i>Route 25</i>		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY <i>Smithtown</i>		06 STATE <i>N.Y.</i>	07 ZIP CODE <i>11787</i>	05 CITY		06 STATE	07 ZIP CODE
01 NAME <i>Town of Smithtown</i>		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) <i>99 W. Main St</i>		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY <i>Smithtown</i>		06 STATE <i>N.Y.</i>	07 ZIP CODE <i>11787</i>	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)							
<i>WCC± site inspection, 1984</i>							



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
N/Y N/A

II. CURRENT OPERATOR (Provide if different from owner)

OPERATOR'S PARENT COMPANY (If applicable)

01 NAME
no information available

02 D+B NUMBER

10 NAME
no information available

11 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

12 STREET ADDRESS (P.O. Box, RFD #, etc.)

13 SIC CODE

05 CITY

06 STATE 07 ZIP CODE

14 CITY

15 STATE 16 ZIP CODE

08 YEARS OF OPERATION 09 NAME OF OWNER

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)

PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)

01 NAME
no information available

02 D+B NUMBER

10 NAME
no information available

11 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

12 STREET ADDRESS (P.O. Box, RFD #, etc.)

13 SIC CODE

05 CITY

06 STATE 07 ZIP CODE

14 CITY

15 STATE 16 ZIP CODE

08 YEARS OF OPERATION 09 NAME OF OWNER DURING THIS PERIOD

01 NAME
no information available

02 D+B NUMBER

10 NAME
no information available

11 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

12 STREET ADDRESS (P.O. Box, RFD #, etc.)

13 SIC CODE

05 CITY

06 STATE 07 ZIP CODE

14 CITY

15 STATE 16 ZIP CODE

08 YEARS OF OPERATION 09 NAME OF OWNER DURING THIS PERIOD

01 NAME
no information available

02 D+B NUMBER

10 NAME
no information available

11 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)

04 SIC CODE

12 STREET ADDRESS (P.O. Box, RFD #, etc.)

13 SIC CODE

05 CITY

06 STATE 07 ZIP CODE

14 CITY

15 STATE 16 ZIP CODE

08 YEARS OF OPERATION 09 NAME OF OWNER DURING THIS PERIOD

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

WCCI Files



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY N/A

II. ON-SITE GENERATOR

01 NAME NA	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME no information available	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME no information available	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

WCCI SITE inspection, 1984



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY N/A

II. PAST RESPONSE ACTIVITIES

01 <input type="checkbox"/> A. WATER SUPPLY CLOSED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> D. SPILLED MATERIAL REMOVED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> E. CONTAMINATED SOIL REMOVED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> F. WASTE REPACKAGED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
UNKNOWN or NA		
01 <input type="checkbox"/> H. ON SITE BURIAL 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
no information available		
01 <input type="checkbox"/> I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> K. IN SITU PHYSICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> L. ENCAPSULATION 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> N. CUTOFF WALLS 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> O. EMERGENCY Diking/SURFACE WATER DIVERSION 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> P. CUTOFF TRENCHES/SUMP 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		
01 <input type="checkbox"/> Q. SUBSURFACE CUTOFF WALL 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
NA		



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY N/A

II. PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED
04 DESCRIPTION

NA

02 DATE

03 AGENCY

01 ☐ S. CAPPING/COVERING
04 DESCRIPTION

NONE (WCCI Inspection)

02 DATE

03 AGENCY

01 ☐ T. BULK TANKAGE REPAIRED
04 DESCRIPTION

NA

02 DATE

03 AGENCY

01 ☐ U. GROUT CURTAIN CONSTRUCTED
04 DESCRIPTION

NA

02 DATE

03 AGENCY

01 ☐ V. BOTTOM SEALED
04 DESCRIPTION

NA

02 DATE

03 AGENCY

01 ☐ W. GAS CONTROL
04 DESCRIPTION

NA

02 DATE

03 AGENCY

01 ☐ X. FIRE CONTROL
04 DESCRIPTION

NA

02 DATE

03 AGENCY

01 ☐ Y. LEACHATE TREATMENT
04 DESCRIPTION

NA

02 DATE

03 AGENCY

01 ☐ Z. AREA EVACUATED
04 DESCRIPTION

NA

02 DATE

03 AGENCY

01 ☐ 1. ACCESS TO SITE RESTRICTED
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ 2. POPULATION RELOCATED
04 DESCRIPTION

NA

02 DATE

03 AGENCY

01 ☐ 3. OTHER REMEDIAL ACTIVITIES
04 DESCRIPTION

02 DATE

03 AGENCY

Methane vents were installed on 1/3 of the property.

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

WCCI ^{site} INSPECTION, 1984



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY N/A

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☐ YES ☒ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

NA

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

WCCI site inspection, 1984

TABLE I
SOURCES OF INFORMATION

Data Gathered	Office/ Agency	Location	Contact Person	Date of Visit	Date of Phone Conversation	Telephone Number
Critical Habitats	NYSDEC Division of Fish & Wildlife Significant Habitats Unit	Wildlife Resources Center Delmar, NY 12054	Larry Brown	12-11-84	several, 12/84	(518) 439-7486
Site Specific Information	NYSDEC Division of Solid and Hazardous Waste, Bureau of Municipal Waste	3 Vatrano Road Albany, NY	Hans Dirzuweit Earl Barcomb	12-12-84- 12-14-84	several, 12/84	(518) 457-2051
Historic/ Landmark Sites	NYS Dept. of Parks, Recreation & Historic Preservation Division for Historic Preservation	Agency Bldg #1 Empire State Plaza Albany, NY 12238	Lenore Kuwick	12-12-84	various, 12/84	(518) 474-3176
Wetlands	NYSDEC Division of Fish & Wildlife, Habitat Inventory Unit	Albany, NY	Sharon O'Connor		12/84	(518) 457-3431
Freshwater & Coastal Wetlands in Nassau & Suffolk Counties	NYSDEC-Region I	Bldg #40 SUNY Stony Brook, NY 11794	Mike Fiscina		several, 12/84; 1/85	(516) 751-1389
Freshwater and Coastal Wetlands in Kings County	NYSDEC-Region II	2 World Trade Center Rm 6126 New York, NY 10047	Joe Pane		various, 12/84	(212) 488-2758
Freshwater and Coastal Wetlands in Albany and Rensselaer Counties	NYSDEC-Region IV	Rt. 10, Stamford, New York 12167	Maynard Vance		various, 12/84	(607) 652-7364
Site Specific Information	NYS Dept. of Health Division of Health Risk Control, Bureau of Toxic Substance Assessment	Corning Tower Bldg., ESP Albany, NY 12237	Ron Tramontano Steve Bates	12-12-84	various, 12/84	(518) 473-8427
Site Specific Information- Rensselaer County Sites	NYS Law Department	Justice Bldg.-Rm 245 Albany, NY 13224	Michael Moore	12-12-84	various 12/84; 2/85	(518) 474-1190
Agricultural/ Prime Agri- cultural Land in Production	NYS Dept. of Agriculture and Markets, Divison of Rural Affairs	State Campus Bldg. No. 8, Room 805 Albany, NY 12235	Louise Inglis	12-13-84	various, 12/84	(518) 457-2713
Water Resources	NYSDEC Division of Water Resources	50 Wolf Road Albany, NY 12233		12-14-84	various, 12/84	(518) 457-5668

TABLE I
SOURCES OF INFORMATION
(continued)

Data Gathered	Office/ Agency	Location	Contact Person	Date of Visit	Date of Phone Conversation	Telephone Number
Site Specific Information	NYSDEC Division of Solid & Hazardous Waste	50 Wolf Rd. Albany, NY 12233	Anita Grikstas	12-14-84		(518) 457-0639
Site Specific Information-Rensselaer County Sites	Rensselaer County Health Dept.	County Office Bldg. 1600 7th Ave. Troy, NY 12180	John Sheehan	12-27-84	several, 12/84; 2/85	(518) 270-2670
Site Specific Information-Albany County Sites	Albany County Health Dept.	South Ferry and Green Streets Albany, NY 12201	Cliff Forando Steve Lukowski Ben Pierson	12-28-84	several, 12/84	(518) 445-7835
Site Enforcement	NYSDEC Division of Environmental Enforcement	202 Mamaroneck Ave. White Plains, NY 10601	Mike Tone		several, 12/84; 1/85	(914) 761-6660
USEPA "ERRIS" Site Numbers	USEPA-Region II Hazardous Waste Site Branch	26 Federal Plaza New York, NY 10278	Carol Peterson Kathy Moyik		several, 12/84; 1/85	(212) 264-4197 (212) 264-8672
Site Specific Information-Albany and Rensselaer County Sites	NYSDEC-Region IV	2176 Guiderland Ave. Schenectady, NY 12306	George Elston Mike Styk		various, 12/84; 1/85	(518) 382-0680
Site Specific Information-Suffolk County Sites	Suffolk Co. Dept. of Health Services	15 Horse Block Pl. Farmingville, NY	Frank Randall Jim Pim Jim Maloney		various 11/84; 12/84	(516) 451-4633
Site Specific Information-Nassau County Sites	Nassau Co. Dept. of Health	240 Old Country Road Mineola, NY	Joe Schechter Larry Sang	12/13/84		(516) 535-2406
Water Supply in Suffolk Co.	Suffolk Co. Dept. of Health Services	225 Robro Dr. East Hauppauge, NY 11788	Paul Ponturo Richard Meyer		12/7/84	(516) 348-2886
Site Specific Information-Kings County Sites	NYSDEC Region II	2 World Trade Center New York, NY	Armand DeAngelis Sal Ervolina	12/7/84	(212) 488-3862 12/26/84	
Site Specific Information-Kings County Sites	NYCDEP	2358 Municipal Bldg. New York, NY 10007	Tim Slauson Anthony Ianarelli Stacy Mariates Stan Cepenber Kim Sparber		12/27/84 12/20/84 12/7/84 12/10/84 12/10/84	(212) 669-8934 (212) 669-8939 (212) 566-8977 (212) 566-2717 (212) 566-1647
Site Specific Information-NYSDEC Region I & II Sites	NYSDEC Region I	Building 40 SUNY at Stonybrook	Bob Schneck Bob Becherer	various 12/84		(515) 751-7900
Well Points NYSDEC Region I & II Sites	NYSDEC Region I Well Points	Building 40 SUNY at Stonybrook	Tony Candella	12/12/84		(516) 751-7900

3.0 SITE DESCRIPTION

The South Montclair Avenue Landfill is located in the north-central part of Long Island, in Suffolk County, about 120 feet above mean sea level (USGS, 1979). The landfill occupies approximately 20 acres in a multipurpose zoning area. A concrete manufacturing plant is located at the southern border. Industry and residential areas are to the west, residences are located to the north, and South Montclair Avenue is to the east (Figure 1).

The topography is relatively flat with the surface covered with grass and weeds. Part of the site is being used for recreational purposes (two soccer fields are located on the site).

The site was formerly a sand and gravel pit and was converted to a municipal dump. At the present, it is being used by the Smithtown Highway Department. The southern end of the site is a dump for brush and leaves.

The boundary of the south side of the landfill area is not fenced, but is limited by a cement brick plant. There are no buildings on site. The northwest corner of the site is a methane vented area with deep and shallow methane vents.

4.1 SITE AREA SURFACE FEATURES

The South Montclair Avenue Landfill is located in an area that slopes downward gently (0.8-1.1%) from northeast to southwest towards the Northeast Branch, located 1.5 miles from the site. Millers Pond and the Nissequogue River are located approximately 1.5 miles southwest and 1.7 miles west of the site, respectively. Stony Brook Harbor is located approximately 2.3 miles to the north.

Fresh water wetlands and a critical habitat occur at Northeast Branch about 1-mile southwest of the site. Several historic or landmark sites are located within view of the site: Blydenburgh Park Historic District (NHL 8/11/83); Halliock Inn (NHL 8/7/84); First Presbyterian Church (NHL 12/23/77).

The predominant land use is mixed-industrial and residential. Residential areas surround the site and four schools are located within 1 mile of the site.

4.2 SITE HYDROGEOLOGY

4.2.1 Ground Water Occurrence

The South Montclair Avenue Landfill is located in an area covered with outwash deposits. Regional information suggests that the thickness of these coarse grained deposits in the vicinity of the site is approximately 700 feet. The saturated part of these deposits is known as the Upper Glacial aquifer. Its lower boundary is formed by fine grained deposits that form the Magothy aquifer. The saturated thickness of this aquifer is approximately 100-150 feet at the site location. The Upper Glacial and the Magothy aquifers are hydraulically linked. The fine-grained material of the Magothy aquifer forms a hydrologic boundary. Since the ratio of vertical/horizontal permeability

is greater in the Magothy aquifer than in the Upper Glacial aquifer the downward passage of water is retarded. These two unconsolidated deposits which constitute the Upper Glacial and the Magothy aquifers directly overlie the clay member of the Raritan Formation in the site area. The Raritan clay is approximately 200 feet thick and confines water of the underlying Lloyd aquifer. The sand and gravel deposits that compose this aquifer are approximately 300 feet thick and rest on crystalline bedrock. The total thickness of the unconsolidated deposits increases southeastward from the site (Kimmel and Braids, 1980; Jensen and Soren, 1974).

The Upper Glacial aquifer is highly permeable with an estimated hydraulic conductivity as high as 200 ft/day. The Magothy Aquifer, which is composed of fine materials consisting of layers of sand, silt, and clay, has an average hydraulic conductivity of 50-70 ft/day (Kimmel and Braids, 1980; Jensen and Soren, 1974).

Ground water in the Upper glacial aquifer underlying the site is likely to be under water table conditions. Its level at the site is about 65 feet below the ground surface. The deeper the ground water the more confined it is due to the presence of silt and clay layers, as in the Magothy aquifer (Kimmel and Braids, 1980; SCDHS, 1976).

The movement of ground water is northwestward towards the Long Island Sound. Since the surficial materials are in general very permeable recharge to the ground water occurs by infiltration of rainfall through these materials.

4.2.2 Ground Water Quality

The particular characteristics of the ground water quality underneath the site or in its proximity are unknown. However, it is documented that the quality of the fresh ground water in Suffolk County is good. Total dissolved solids of less than 50 mg/l, total hardness and alkalinity of less than 10 mg/l and pH lower than 6 are typical characteristics of the ground water reservoir. However, the increase in population and industrial development within Suffolk County have given way to deterioration of this resource in some areas. Cesspool and septic tank effluents, discharge of industrial

wastes, leachate coming from landfills, etc. have brought the content of some substances, such as, nitrogen, sulfate, sodium, heavy metals, detergents, solvents, calcium and chloride, over the recommended maximum limits of the U.S. Public Health Service. As a consequence, several wells which showed the presence of trichloroethylene, tetrachloroethylene and 1,1,1-trichloroethane in amounts exceeding 50 ug/l have been restricted. Four of these wells are located SW-SE of the site (Guerrera, 1981).

4.2.3 Ground Water Use

The area within a 3-mile radius of the site is served by public supply wells managed by the Suffolk County Water Authority: Smithtown-Kings Park, Bay Shore and Port Jefferson plants and St. James Water District (NYSDEC Region I well permits). Over 79,000 people live within a 3-mile radius of the site and rely on ground water as the only source of drinking water. The closest public water supply well is located approximately 0.9 miles west of the site. Private wells also supply water for drinking and commercial/industrial uses. These wells tap both the Upper and the Magothy aquifers.

In 1973, 73% of the total withdrawals in Suffolk County corresponded to public supply wells, 22% to commercial and industrial uses, and only 5% to agriculture (Erllichman, 1979).

4.3 PAST SAMPLING AND ANALYSIS

There has been no reported ground water, soil or air quality monitoring for the South Montclair Avenue Landfill.

Except for information on Waste Characteristics, the data were somewhat adequate for scoring the HRS work sheets. There is no evidence of any hazardous materials having been deposited within the landfill. Furthermore, there have been no allegations of any hazardous waste dumping at the site in the past. Therefore, the Waste Characteristics factors (Toxicity/Persistence and Hazardous Waste Quantity) were both scored as (0) but with squares to represent inadequate data. This results in scores of (0) for Ground Water, Surface Water and Air Routes.

6.1 OBJECTIVES

The objective of this proposed work plan is to collect field information required to prepare a final HRS score and develop conceptual remedial designs and cost estimates. The work plan for this site will primarily address questions concerning ground-water flow and quality, soil quality and air monitoring.

6.2 FIELD INVESTIGATION PLAN

6.2.1 Preliminary Site Investigations

A preliminary site visit will be made to tentatively select the monitoring well locations, to evaluate the means of drill rig access in each case, to identify property owners if access is required off site, and to evaluate present site conditions. It is estimated that 2 person-days will be required for this work.

6.2.2 Geophysical Studies

As part of the on-site field investigation to characterize the hydrologic regime, a geophysical survey utilizing the terrain conductivity technique will be performed at the site. This technique has been utilized successfully in locating subsurface plumes of many different substances. Measurements will be taken at various locations at the site and at neighboring locations off site to determine ranges of background and anomalous conductivity. Measurements will be correlated to the presence and direction of movement of any anomalies. The Geonics EM-31 and an EM-34 conductivity meters will be used to perform the survey. Following the preliminary site investigation, the geophysical scope of work will be reassessed for its feasibility.

It is estimated at a two-person team will require four days to perform the conductivity survey, with readings taken at exploration depths of 8, 17 and 65 feet at each measurement station. The data will be plotted on maps and contoured. These contour maps will provide the basis for defining the number and exact location of ground-water monitoring wells.

6.2.3 Monitoring Wells






6.2.3.1 Installation. Monitoring wells will be installed to provide data pertinent to water chemistry, characterization of the stratigraphy and ground water regime at the site. It is recommended that four monitoring wells be installed at the approximate locations in Figure 2. Finalized well locations will be determined after geophysical data has been plotted and reduced.

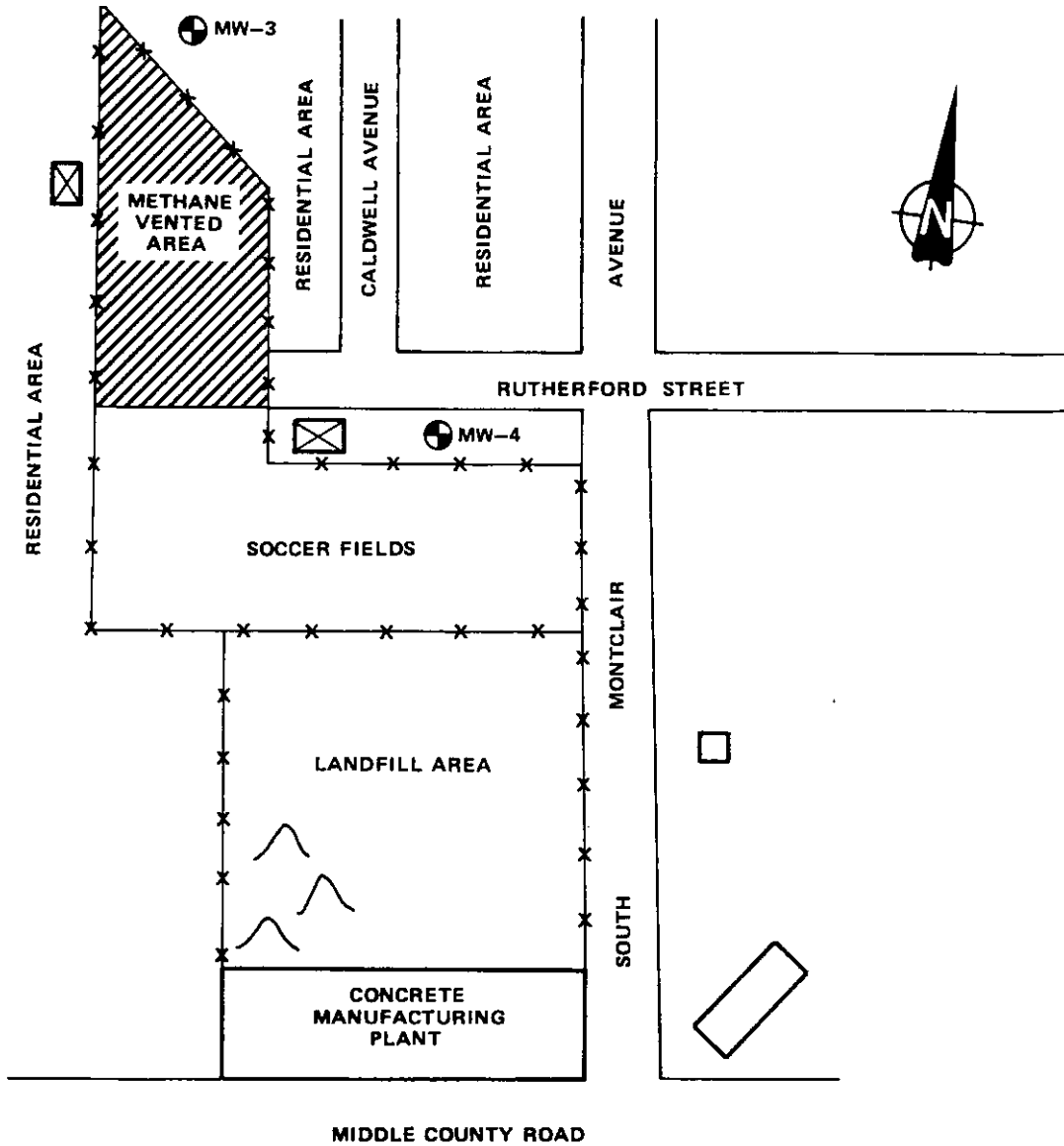
Two wells (MW-1 and MW-2) will be installed at upgradient locations, one well directly south of the site and the other southwest of it. An old landfill positioned south of the South Montclair Avenue site provides the basis for installation of an additional upgradient monitoring well. Wells MW-3 and MW-4 will be installed at downgradient locations.

All monitoring wells will be installed so as to sample the upper 10 feet of ground water. The exact elevation of the ground-water table is unknown; however, regional information suggests that the ground water table at the site is about 65 feet below the ground surface. It is estimated that total well depth will average 75 feet for all monitoring wells installed at the site.

Borings will be advanced through overburden by 4-inch I.D. hollow stem augers or driven casing. Split-spoon samples will be obtained at 5 foot intervals. Blow counts will be recorded during each sampling. Soil samples will be classified in the field by a hydrogeologist using the Unified Soil Classification system. Selected samples will be sent to our geotechnical laboratory for grain-size analysis, Atterberg tests and soil-moisture determinations. It is estimated that two samples will be collected for analysis

LEGEND

-  MW-1 MONITORING WELL LOCATION AND NUMBER
-  RESIDENTIAL AREA
-  BUILDINGS
-  FENCE
-  MOUNDS OF SAND OR ASPHALT



MW-2

MW-1

SCHOOL BUILT
ON OLD LANDFILL



Prepared for
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
50 Wolf Road, Albany, New York 12233
Henry G. Williams, Commissioner

Division of Solid and Hazardous Waste
Norman H. Nosenchuck, P.E.
Director

Approved

LOCATION PLAN		
FOR PROPOSED PHASE I INVESTIGATION		
SOUTH MONTCLAIR AVENUE LANDFILL		
Prepared by:		
WOODWARD—CLYDE CONSULTANTS, INC.		
CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS		
NEW YORK, NEW YORK		
DR BY: DRS	SCALE: NONE	PROJ. NO.: 84C4548-3
CK'D BY: JM	DATE: 22 MAR 1985	FIG. NO.: 2

from every newly installed well. To maximize information on any volatile organic contaminants, headspace surveys will be conducted on soil samples using a portable HNU meter, Model PI 101. These data will be used to evaluate relative concentrations of organic contaminants in various stratigraphic horizons.

Slotted 2-inch I.D. PVC well screen will be installed over 10-foot intervals in each overburden well, with a riser casing of flush joint, threaded, 2-inch I.D. PVC pipe. Risers will extend at least 3 feet above the ground surface to prevent contamination by surface-water flooding. A gravel pack will be completed to approximately 2 feet above the top of the screen, where a 1-foot bentonite seal will be emplaced. To further assure that water samples will be representative of the screened interval, the remaining annular space will be grouted, and a protective steel casing will be installed. After installation, all wells completed will be developed by pumping, to remove any fine-grained material.

It is estimated that 18 working days will be required to perform inspection during drilling, well installation and development, for surveying well elevations, for headspace analysis of soil samples, for slug-type permeability testing in each well, and plotting data.

6.2.3.2 Water Elevations. Ground-water depths will be measured at the time of well development and again at the time of sampling. Relative well elevations will be surveyed by WCCI personnel or subcontractor. Water-level elevations will be plotted and used to develop contours of the ground-water table at the site. Based on this map, the direction(s) of ground-water flow will be derived.

Flow and gradient data will constitute fundamental input in quantifying site conditions and will be assessed together with the plume geometries inferred from geophysical survey data.

6.2.3.3 Aquifer Testing. "Slug"-type permeability tests will be conducted in each newly installed well to evaluate the permeability of materials spanning the screened interval. The method is a rapid means by which the in-situ permeability in the

immediate vicinity of a monitoring well can be approximated. The test does not involve pumping of potentially contaminated water and results generally suffice for ground water flow analysis.

6.2.4 Sampling and Analysis Plan

6.2.4.1 General Plan. The site specific Quality Assurance/Quality Control (QA/QC) Plan will be developed by WCCI and approved by the NYSDEC prior to commencement of work.

6.2.4.2 Sampling Parameters. Because of the limited knowledge on the site area, a full priority pollutant analysis will be performed on samples from two of the wells and one soil sample. The remaining samples will be analyzed for priority pollutant volatile organics and metals and water quality parameters. The potential for contamination of drinking water is high given the nature of this site. Samples will be collected from ground water and soils. Air will be monitored using the Organic Vapor Analyzer (OVA) or HNU. Sample types and chemical parameters are summarized in Table 2.

6.2.4.3 Sampling Locations. Proposed sampling locations are shown in Figure 2. One water sample and one soil sample from each of the four monitoring wells will be analyzed. Results from each of these analyses will be compared to evaluate any downward migration of contaminants through soil. Ground water analysis will be evaluated in terms of other hydrogeologic data to evaluate the presence, distribution, and migration directions of any ground water contamination.

Air quality will be monitored using an OVA at upwind and downwind locations. This survey will provide information concerning concentrations of volatile organics, if any, that are being released from the site. It is estimated that 3 days, will be required to collect all required samples. Additional time is required for evacuating wells, performing permeability tests in all wells and reducing data.

Table 2. PROPOSED CHEMICAL ANALYSES AT SOUTH MONTCLAIR AVENUE
LANDFILL SITE

<u>Sample Type</u>	<u>ANALYSES</u>				<u>Remarks</u>
	<u>Metals</u>	<u>Volatile Organics</u>	<u>Water Quality¹</u>	<u>Full Priority Pollutant Analysis²</u>	
Ground Water	X	X	X	X	One sample at each of 4 wells.
Soil	X	X		X	One sample from unsaturated zone at each of 4 wells.
Air		X			Upwind and downwind locations using OVA or HNU.

¹ Water Quality Parameters: pH, Specific Conductivity, Ammonia, Nitrate, TDS, MBAS, TOC.

² Full Priority Pollutant Analysis in two wells, one upgradient and one downgradient and in one soil sample.

6.3 HEALTH AND SAFETY PLAN

Health and safety apparel and equipment are expected to be required during the major field activities -- initial site investigation, geophysical studies, drilling and monitoring-well installation and water sampling. For the purpose of costing the investigation, Level D protection is assumed in each case. The health and safety precautions and procedures actually employed will conform to the generalized NYSDEC Health and Safety Plan, and will be developed by WCCI on a site-specific basis. Should protective levels higher than Level D be required for any activity, costs will be in accordance with the unit costs indicated in the attachment supplied to the NYSDEC April, 1985.

6.4 REPORT PREPARATION

Report Preparation will involve analysis of the data as well as preparation of the text. Included in this task are the compilation and organization of the data, editing of boring logs, reduction of hydrologic data, preparation of graphical representations, analysis and calculations, updating the HRS score for the site and report reproduction. In addition, remedial concepts will be developed along with order-of-magnitude remedial costs.

6.5 COST ESTIMATE

Costs for Phase II work were developed based on NYSDEC Audit and Control Guidelines, using assumptions described in WCCI's cost proposal submitted to NYSDEC on October 29, 1982, subsequent contract D000452 dated March 31, 1983, and the generic work plan developed by NYSDEC. Costs have been grouped by task, and estimates are presented in Table 3. Lump sum cost arrangements will be provided for Tasks 1, 2, 3, 6 and 7. For Tasks 4 and 5, Drilling/Well installation and Sampling and Analysis respectively, lump sum cost arrangements will be provided with the exception of drilling and well installation subcontracted costs, and chemical analytical laboratory subcontracted costs. Analytical costs include trip and field blanks, spike and replicate

samples and shuttle costs as required by the NYSDEC QA/QC Laboratory Protocol. The subcontracted cost items will be billed at cost plus five percent. Any activity that involves work or levels of effort beyond the scope of this work plan will be billed in accordance with the unit rates indicated in the attachment provided dated April 1985.

TABLE 3

ESTIMATED COSTS FOR PHASE 11 INVESTIGATION
SOUTH MONTCLAIR AVENUE LANDFILL

TASKS	Hours	Direct Cost	Overhead Cost	Total Cost	Consul- tants	Sub-Con- tractors	Travel & Subsis- tance	Health & Safety Gear & App. (1)	Special Testing Equip- ment	Sample Shipment	Office Services	TOTAL
1. Work, Health & Safety and QA/QC Plans	75	1385	1593	2978			0	0	0	0	200	3178
2. Preliminary Investigations and Site Visit	24	441	507	948			134	140	275		0	1497
3. Geophysical Studies	96	1753	2016	3769			536	560	2200		0	7065
4. Drilling/Well Installation	140	2590	2979	5569		13150	1456	980	1592	2660	250	25657
5. Sampling and Analysis	70	1288	1481	2769		23942	402	420	1030	650	0	29213
6. Report Preparation	132	2660	3289	6149	1500		0	0	0	1517	9166	
7. Project Management	82	2045	2352	4397			634	0	0	400	5431	
TOTALS	639	12362	14217	26579	1500	37092	3162	2100	1592	6165	900	81207
FEE				3987	75	1855						5916
TOTAL ESTIMATED COST				30566	1575	38947	3162	2100	1592	6165	900	87124

(1) Level D protection assumed.

(2) Includes direct project office costs, reproduction and postage.

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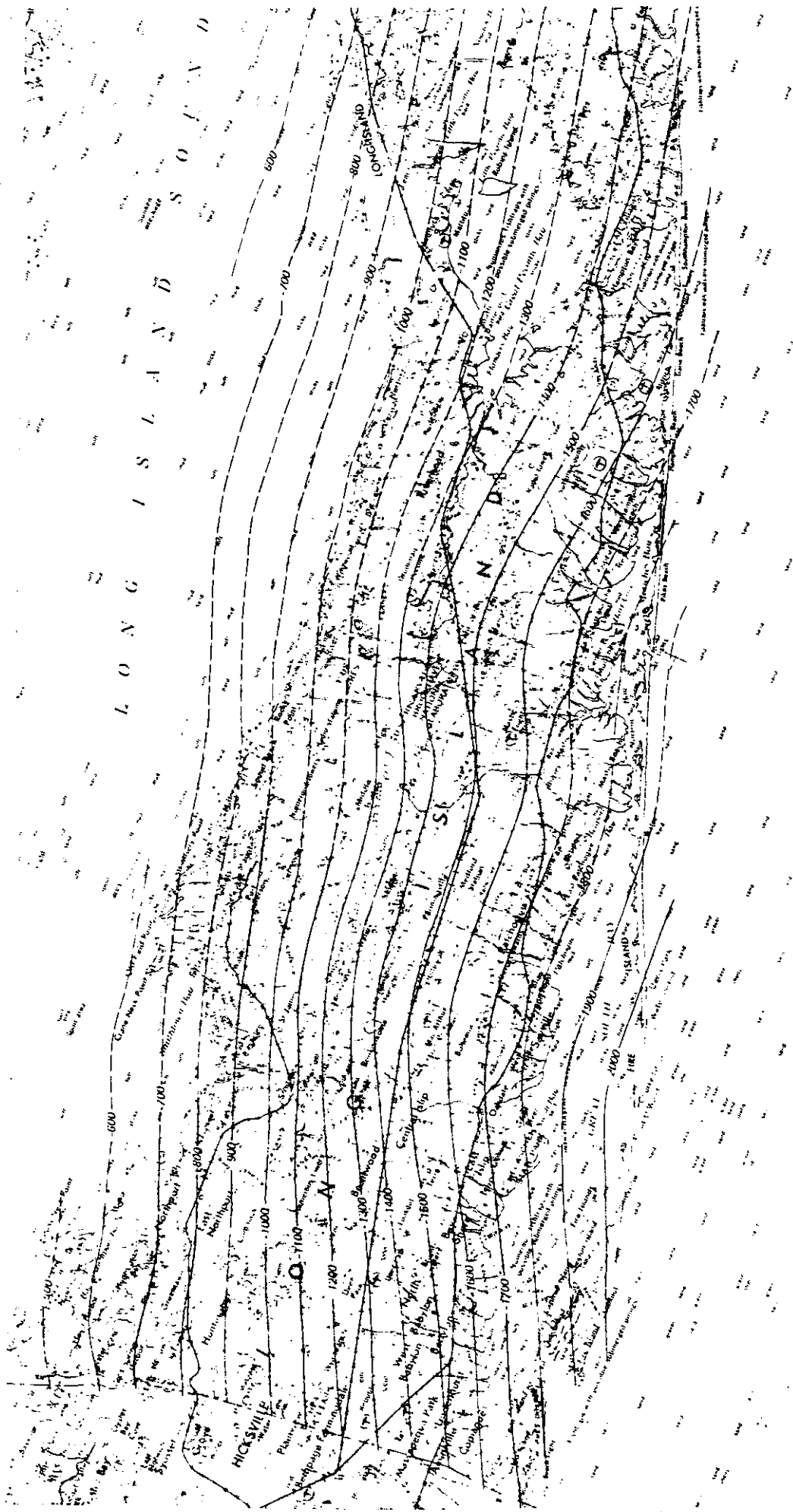
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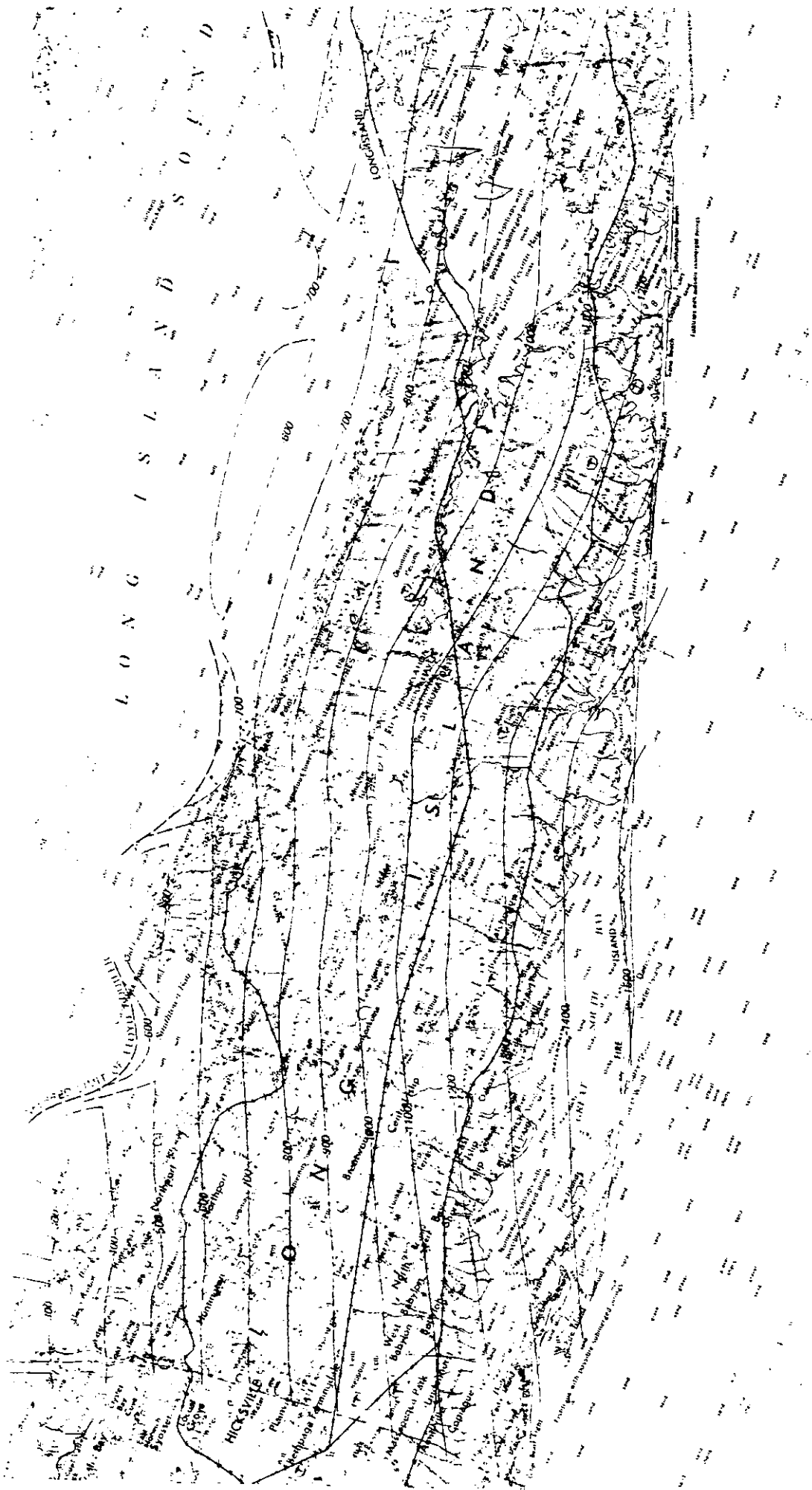
Map Showing Surficial Geology

JENNIFER SORREN, 1977



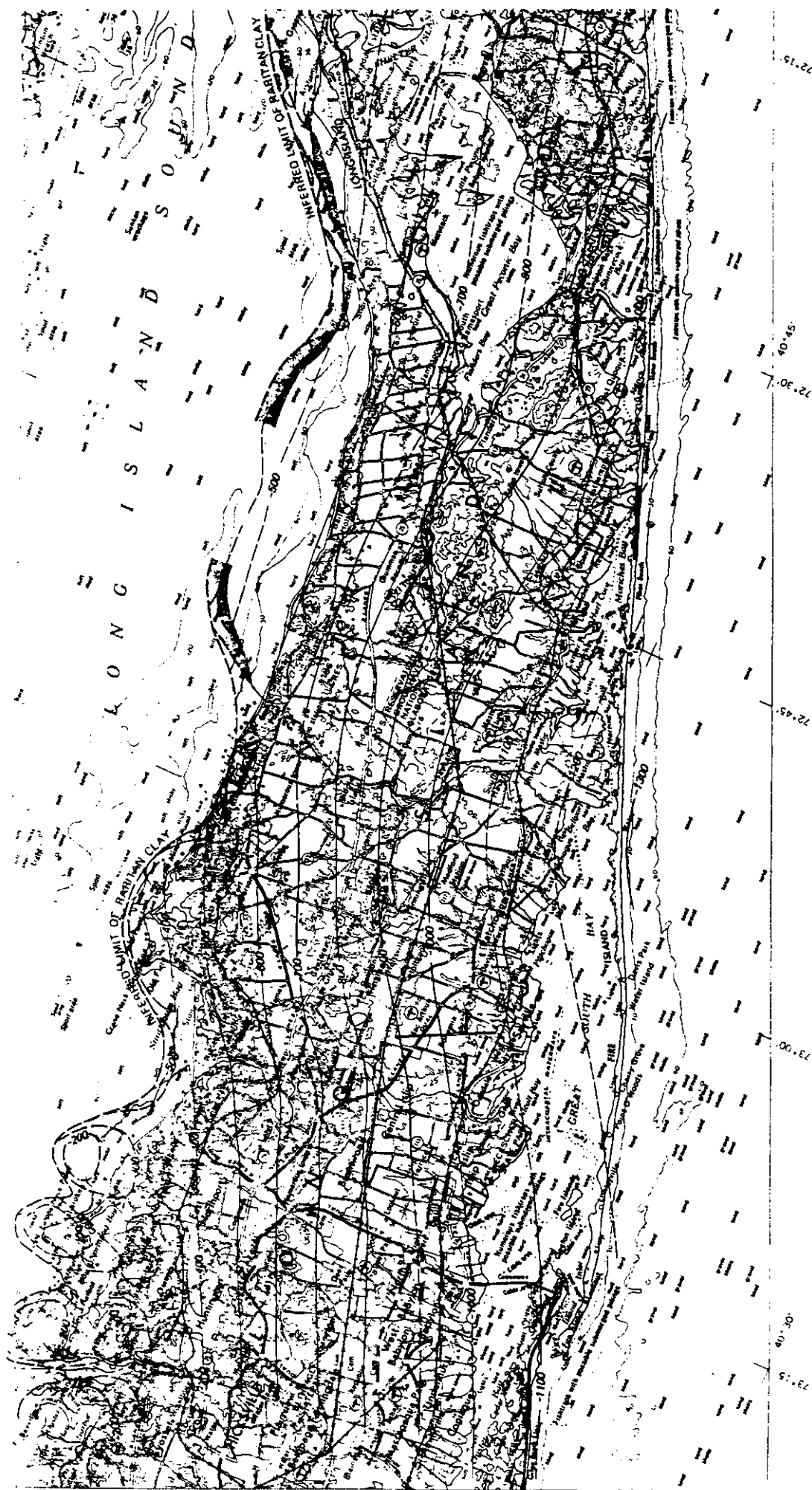
MAP SHOWING CONFIGURATION OF THE BEDROCK SURFACE

JENSEN + JARVIS

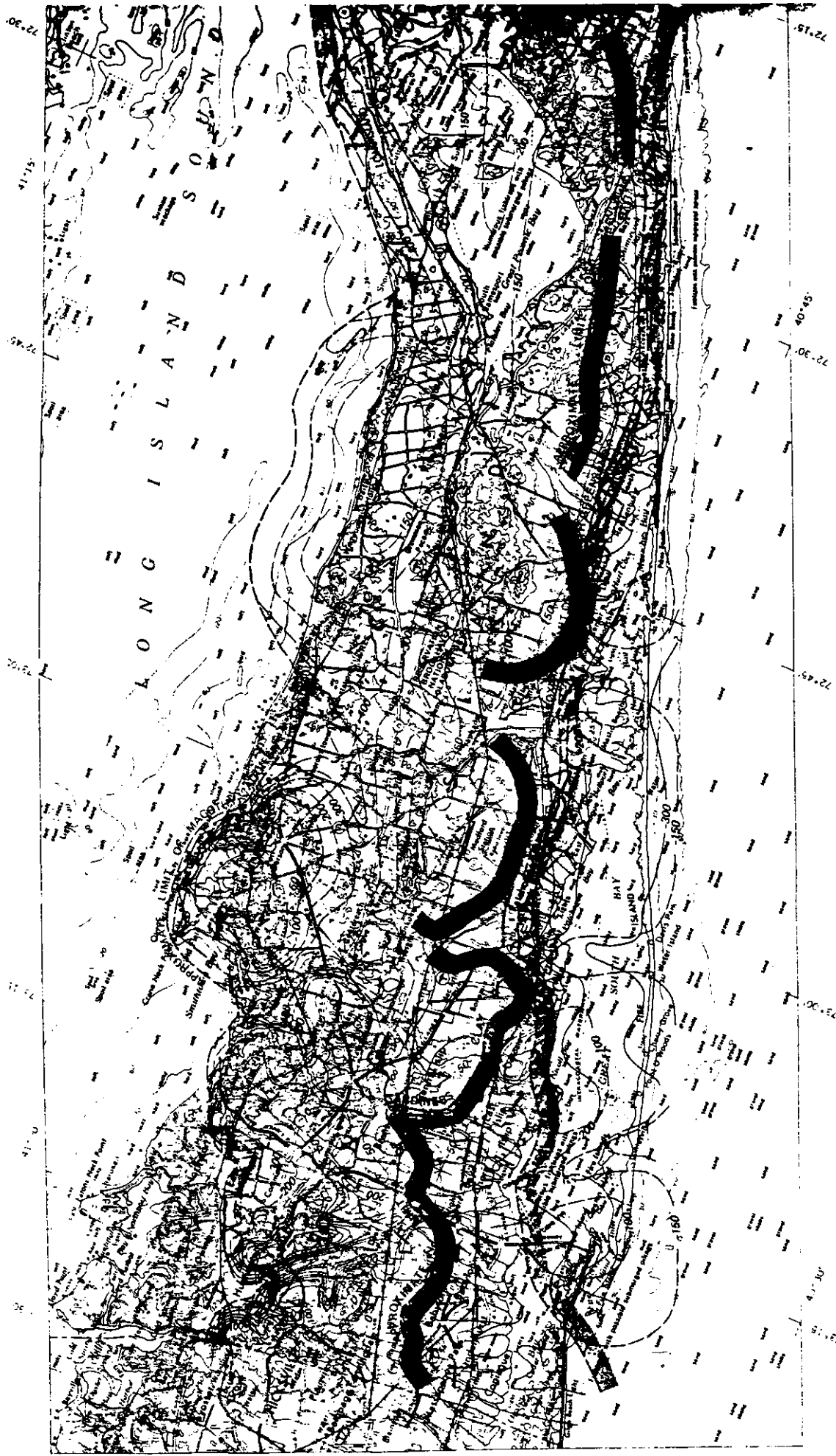


MAP SHOWING ALTITUDE OF TOP OF LLOYD AQUIFER

JENSEN → SOREN



JENCKEN + STANTON

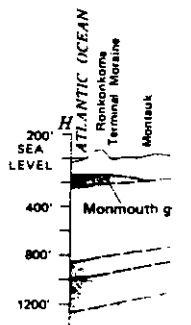
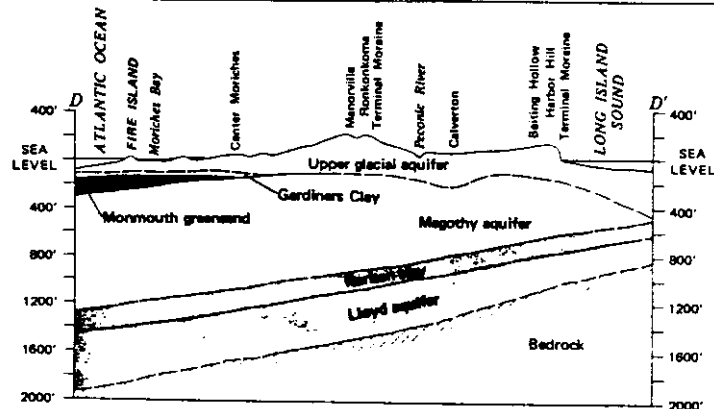
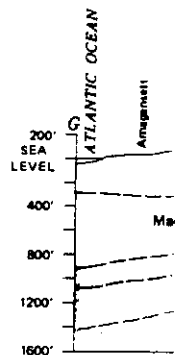
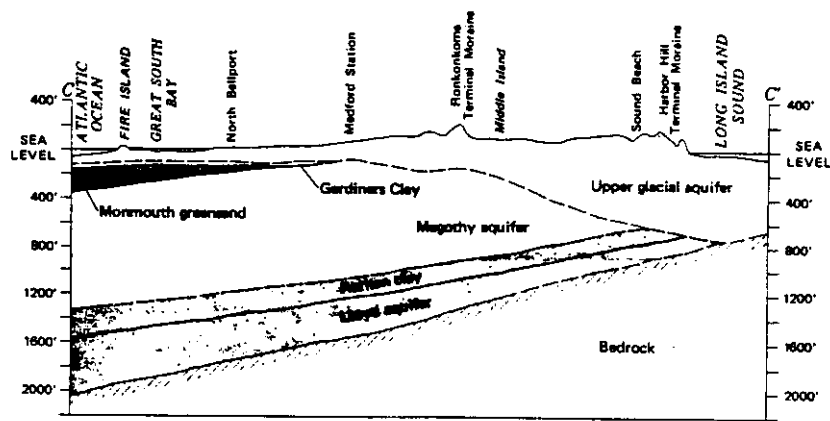
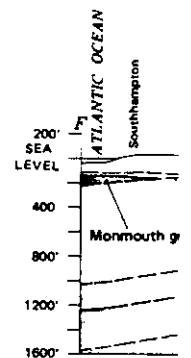
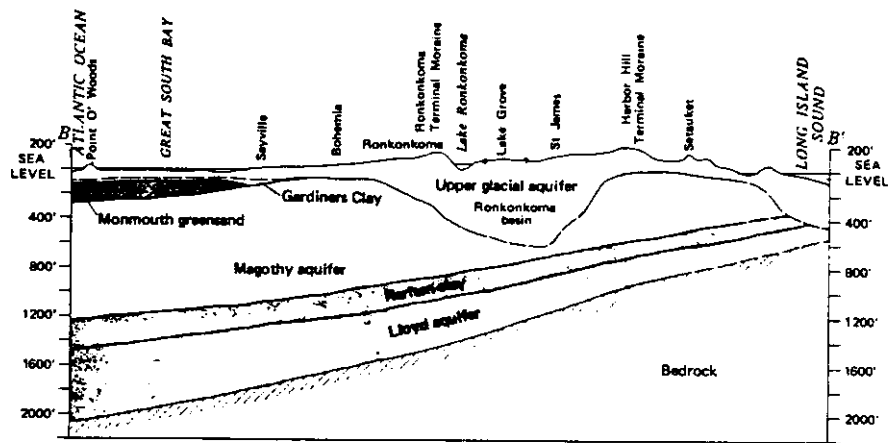
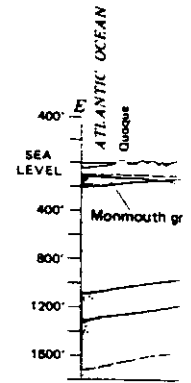
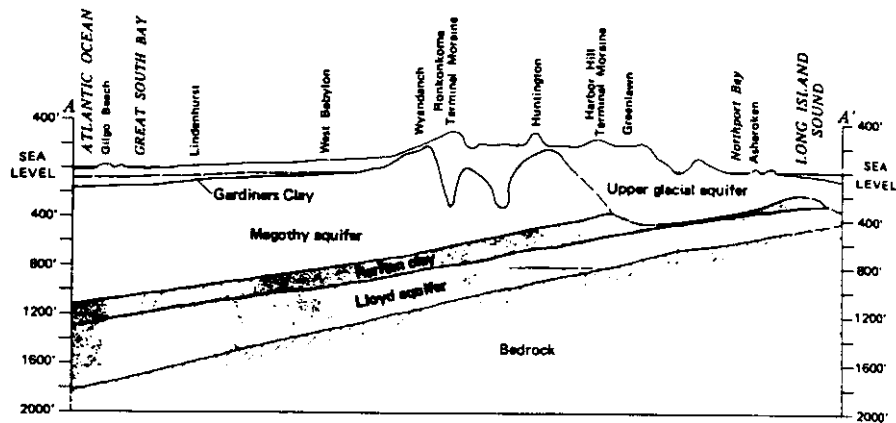


MAP SHOWING ALTITUDE OF TOP OF MACOTHY AQUIFER AND MONMOUTH GREENSAND AND APPROXIMATE LIMIT OF THE GARDINERS

GARDINERS,
Clay

JENSEN + SOREN.

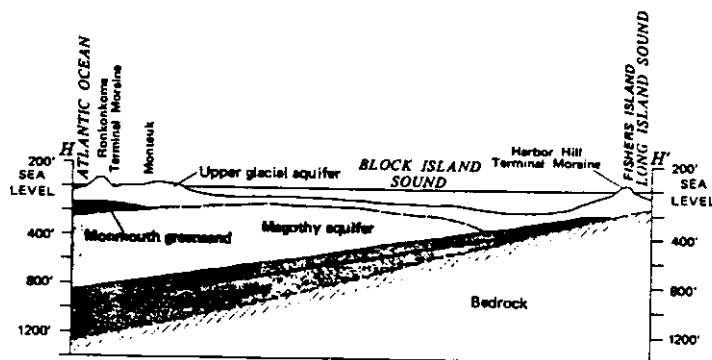
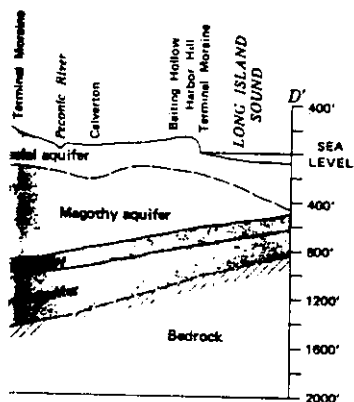
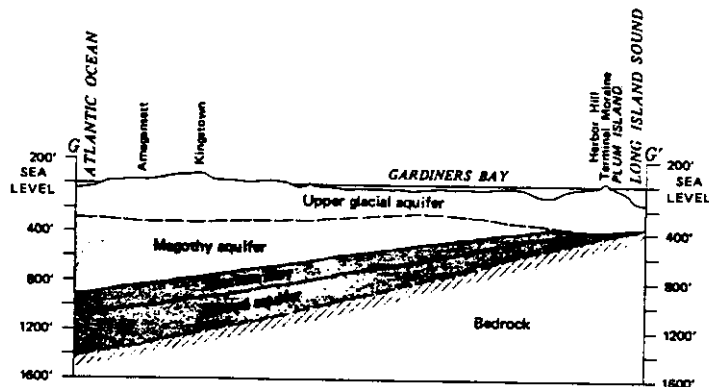
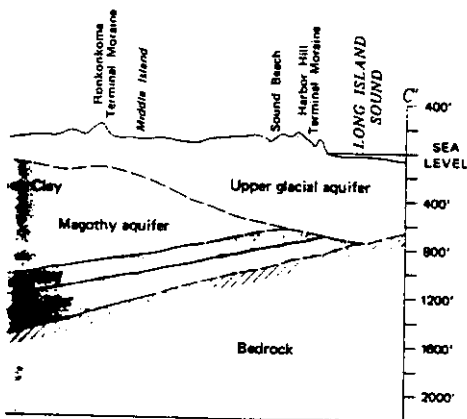
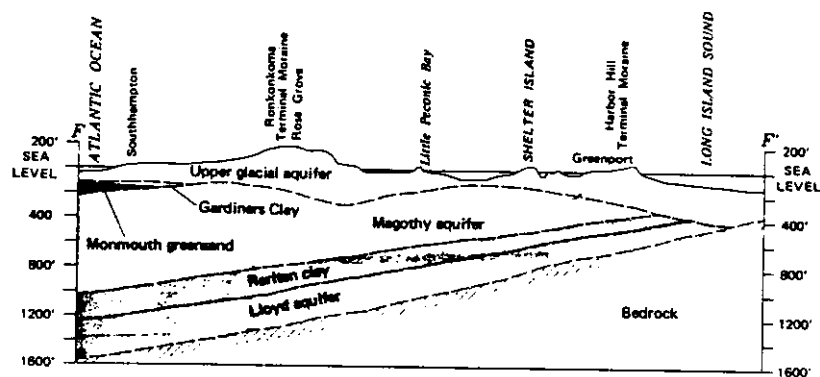
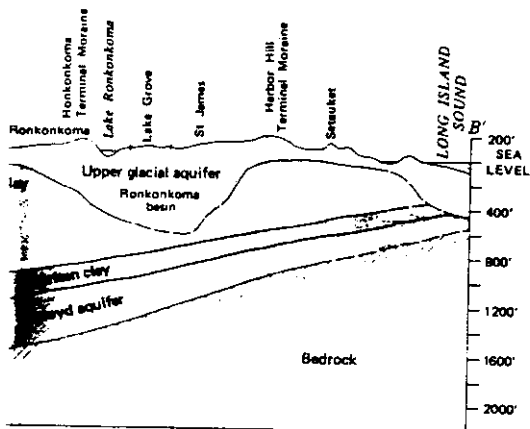
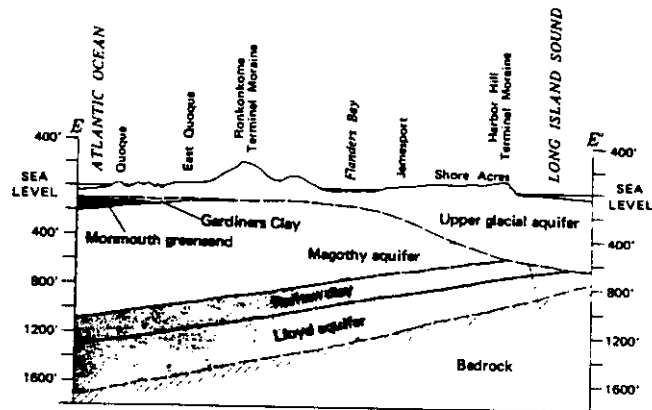
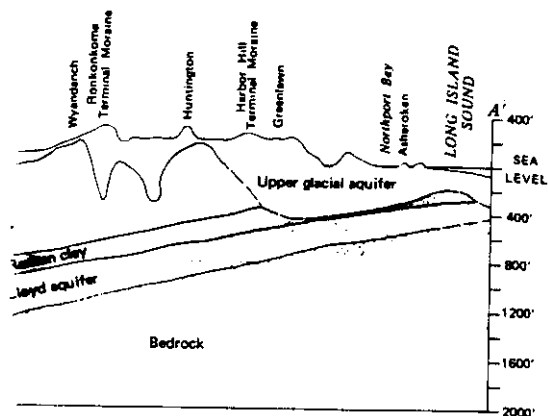
HYDROGEOLOGY OF



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EXPLANATION

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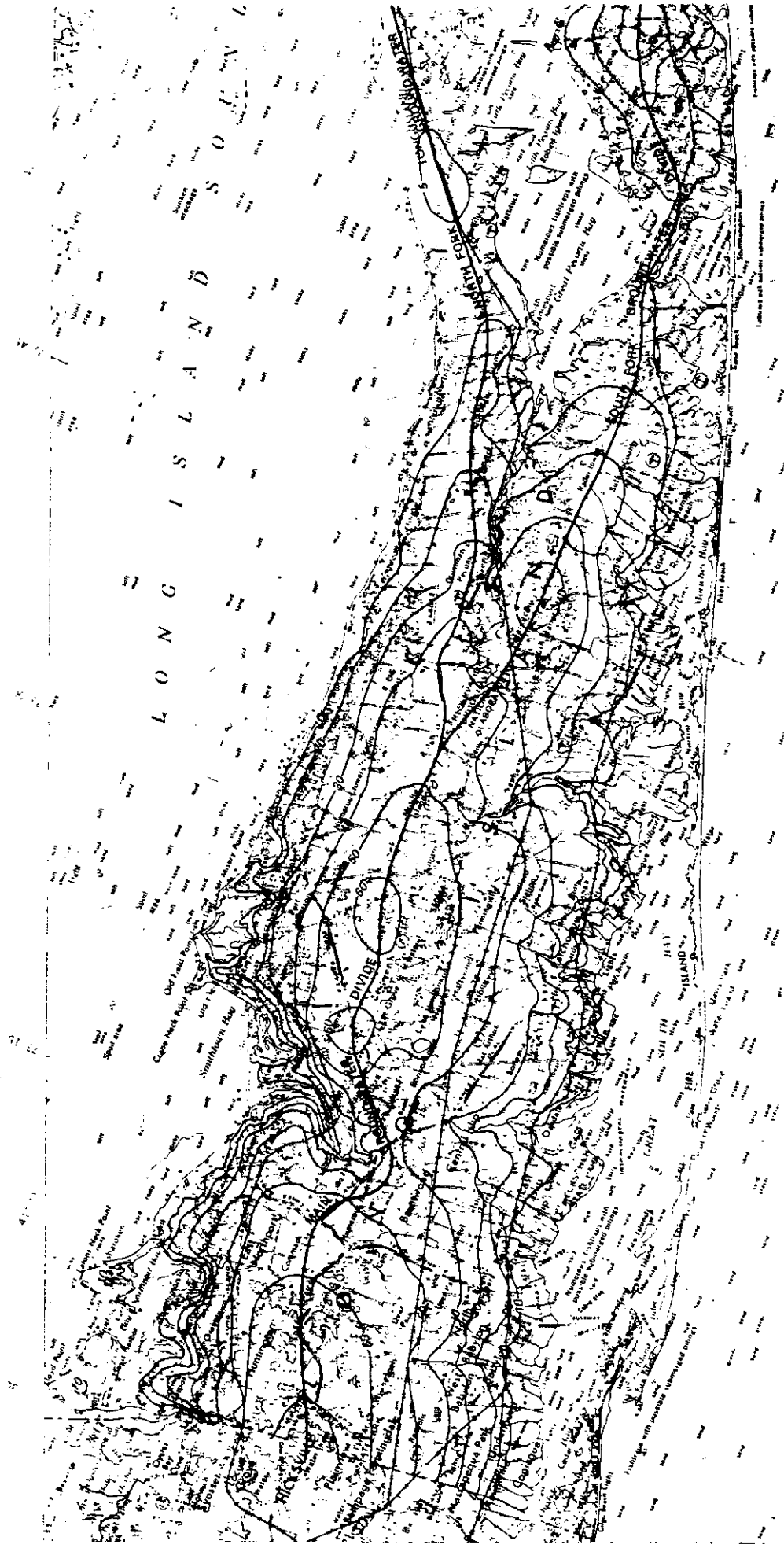
EXPLANATION

— GEOLOGIC CONTACT - Solid line where approximately known, dashed line where inferred

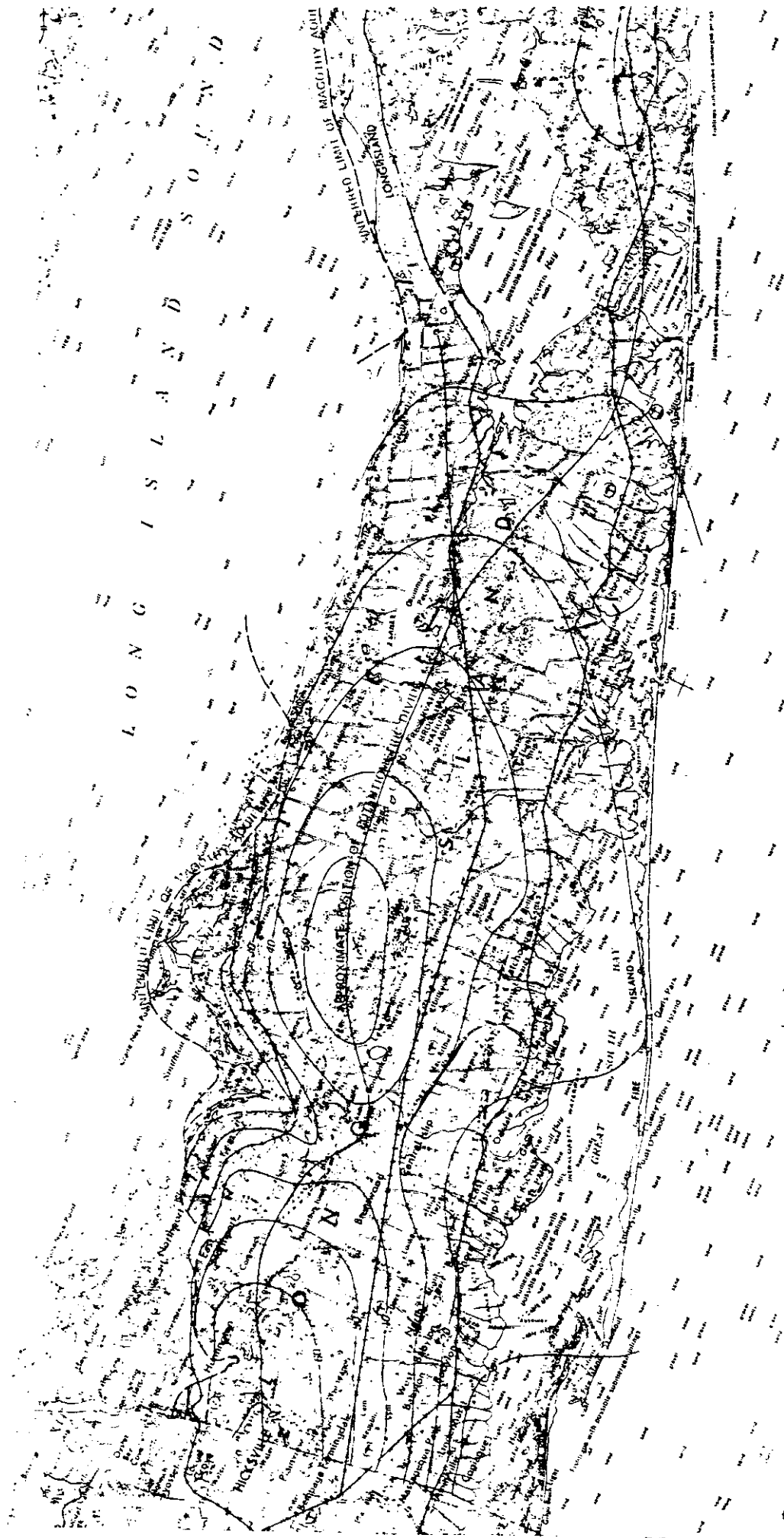
VERTICAL EXAGGERATION ABOUT X 20

STADLER-SON

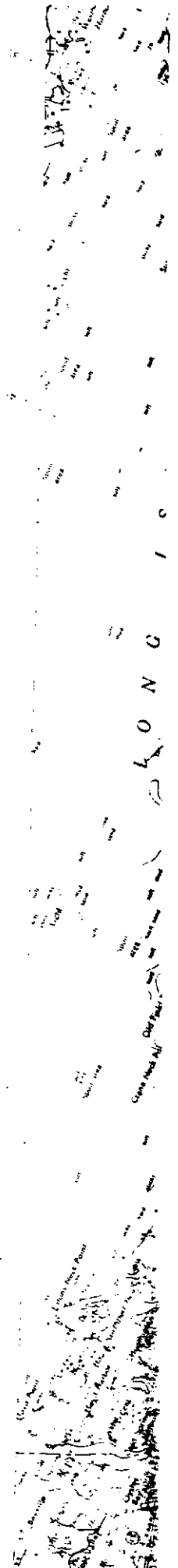
Prepared in cooperation with the
SUFFOLK COUNTY WATER AUTHORITY
and
SUFFOLK COUNTY DEPARTMENT OF ENVIRONMENTAL CONTROL



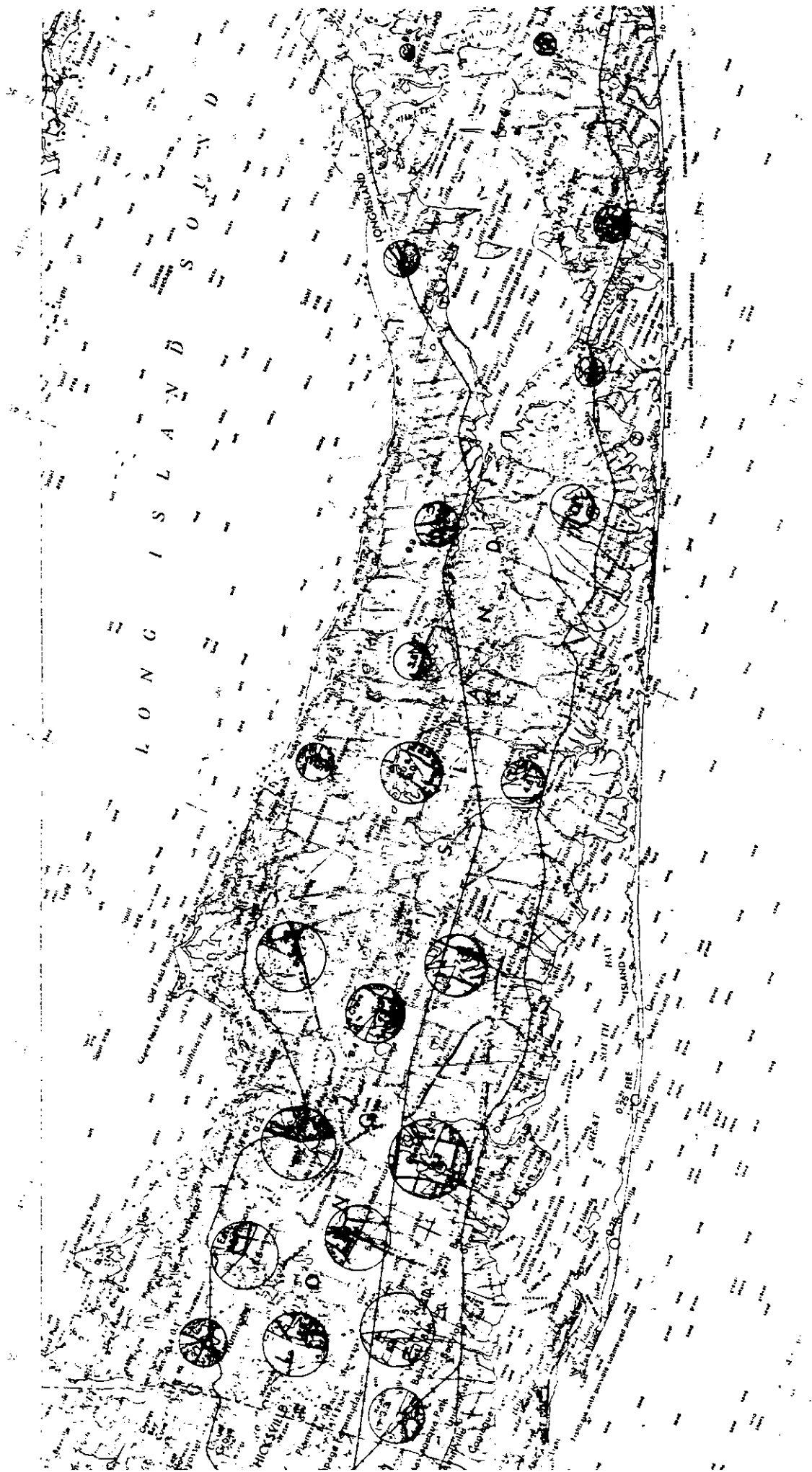
Map Showing ALTITUDE OF WATER TABLE, Spring 1971



MAP SHOWING POTENTIOMETRIC SURFACE OF WATER IN THE LOWER PART OF THE MAGOTHY AQUIFER, SPRING 1971

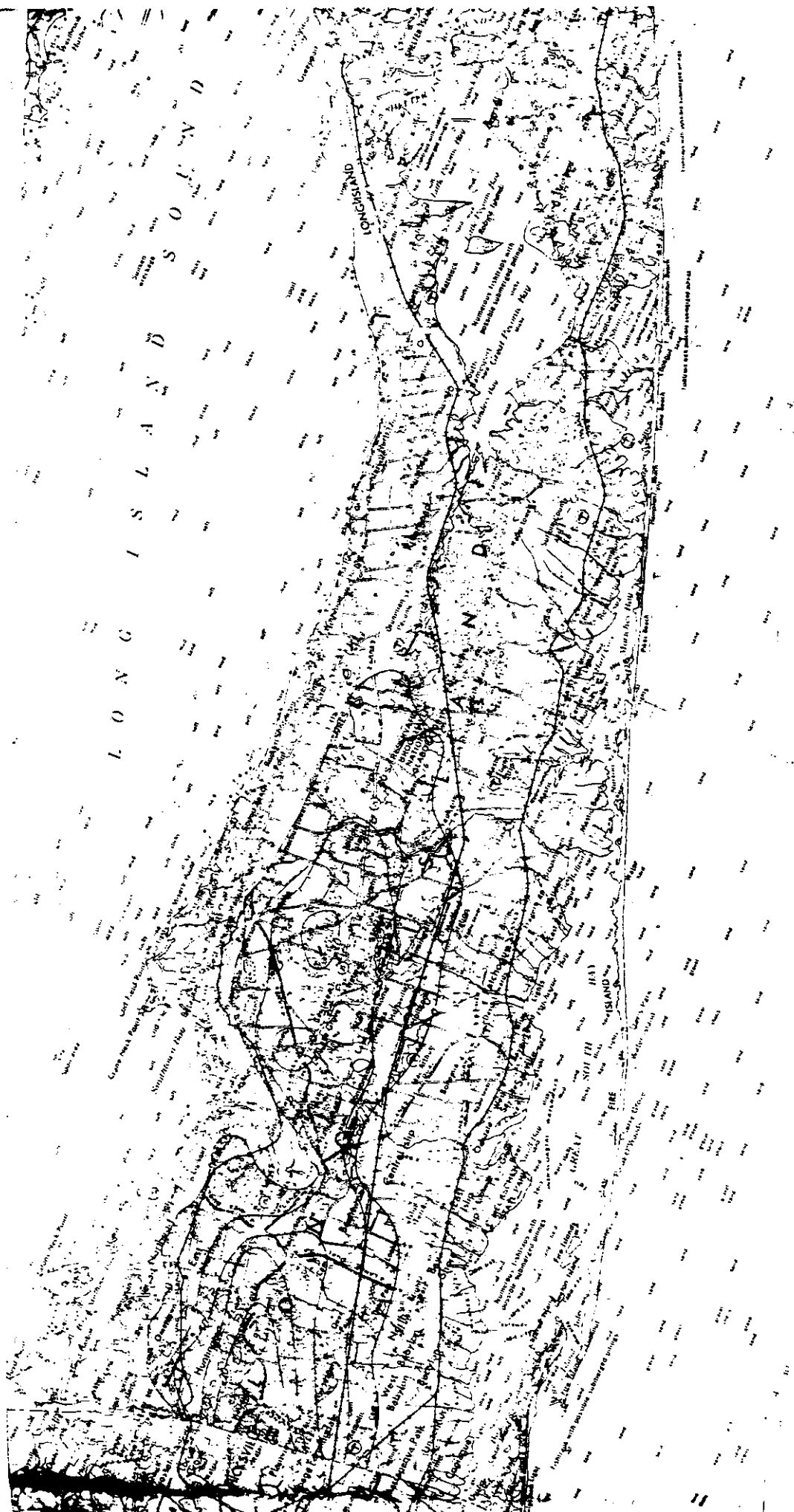


JENSEN + SOREN



MAP SHOWING AREAL DISTRIBUTION OF MAJOR PUMPAGE BY AQUIFER, 1970

JENSEN + SOREN



MAP SHOWING APPROXIMATE NET CHANGE IN THE POSITION OF THE WATER TABLE
FROM 1903 TO 1971
(Based in part on data from Veatch and others, 1906, pl. 12)

from U.S. Geological Survey, Hartford, 1962.
New York, 1957, and Providence, 1947

JENSEN + SOREN

COUNTY OF SUFFOLK



DEPARTMENT OF HEALTH SERVICES

October 17, 1979

Smithtown Highway Department
758 Smithtown By-Pass
Smithtown, N. Y. 11787

Att: James Dowling, Supt. of Highways

Re: Montclair Ave. Solid Waste Disposal Site

Gentlemen:


On October 2, 1979, this Department received a complaint concerning the illegal dumping of garbage and rubbish at the above referenced site. In our conversation on that date, you indicated that Highway Department staff would be instructed to lock the entrance gate at the end of the day.

Mr. Paul Lappano of the New York State Department of Environmental Conservation has indicated that this site can be used as a composting area for leaves only. The Town will not be permitted to bury leaves, tree limbs, or the like at the site, but only store them there for composting purposes.

The Suffolk County Department of Health Services requests that signs be posted around this facility, discouraging dumping under penalty of law so as to prevent home owners mis-using this facility and eliminate the potential for complaint by area residents. I sympathize with you in having to deal with a very difficult problem.

This office appreciates the cooperation you have extended in this matter.

Very truly yours,


James C. Maloney, P.E.
Air Pollution/Solid Waste Control

JCM:ets

cc: ✓ Paul Lappano, NYS DEC
William C. Roberts, P.E.
H. W. Davids, P.E.
Duane B. Rhodes

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION REPORT



FACILITY NAME

July 2017

PERSONS INTERVIEWED & TITLES

[illegible]

59	1. Leachate is entering surface water.
57	2. Leachate is known to be contravening groundwater standards.
56	3. Refuse is being placed into water.
55	4. Refuse is burning without permit or not under permit conditions.
54	5. There is evidence of unapproved previous burning.
53	6. Previous days refuse is not covered.
52	7. Refuse is protruding through daily, intermediate or final cover.
51	8. Intermediate or final cover is not in place or improperly applied.
50	9. Depressions, ponding, cracked cover, or slopes steeper than 3 to 1 exist.
49	10. Vegetative cover is missing or inadequate on completed areas.
48	11. Soil erosion or other drainage problems exist.
47	12. Refuse is closer than 50 feet to site boundaries.
46	13. Refuse is being placed less than 5 feet above groundwater or bedrock.
45	14. Refuse is being placed too close to surface water.
44	15. Odors are detectable off site.
43	16. Blowing dust or dirt is a nuisance.
42	17. Papers are uncontrolled or are blowing off-site.
41	18. Methane gas is known to be leaving the site.
40	19. Noise is a nuisance off-site.
39	20. Operation permit conditions are being violated. (List violations)
38	21. Refuse is not sufficiently confined or controlled.
37	22. Refuse is spread in layers thicker than 2 feet.
36	23. Refuse is not compacted or compacted insufficiently.
35	24. The working face height is greater than 10 feet.
34	25. Equipment on the site is not adequate for proper operation.
33	26. Salvaging is uncontrolled or is creating a nuisance.
32	27. Rodents, insects, birds, or other vectors are not controlled.
31	28. Unsafe conditions or equipment exist. (List items)
30	29. Access to the site is improper, unsafe, or inadequately controlled.
29	30. The site is open without an attendant.
28	31. Information about the site is not posted. (e.g., hours of operation)
27	32. Access to the operating area is poor or unsafe.
26	33. Uncontrolled leachate is visible on, or near the site.
25	34. The quality of cover material is inadequate.
24	35. The working face is steeper than a 3 to 1 slope.
23	36. Monitoring wells are not operative.
22	37. Unapproved wastes have been deposited since last inspection.
21	38. Operator is unfamiliar with site boundaries, operation plan or permit conditions.

MARK BOXES WITH "X" ONLY IF ANSWER IS YES
CENTRAL OFFICE COPY

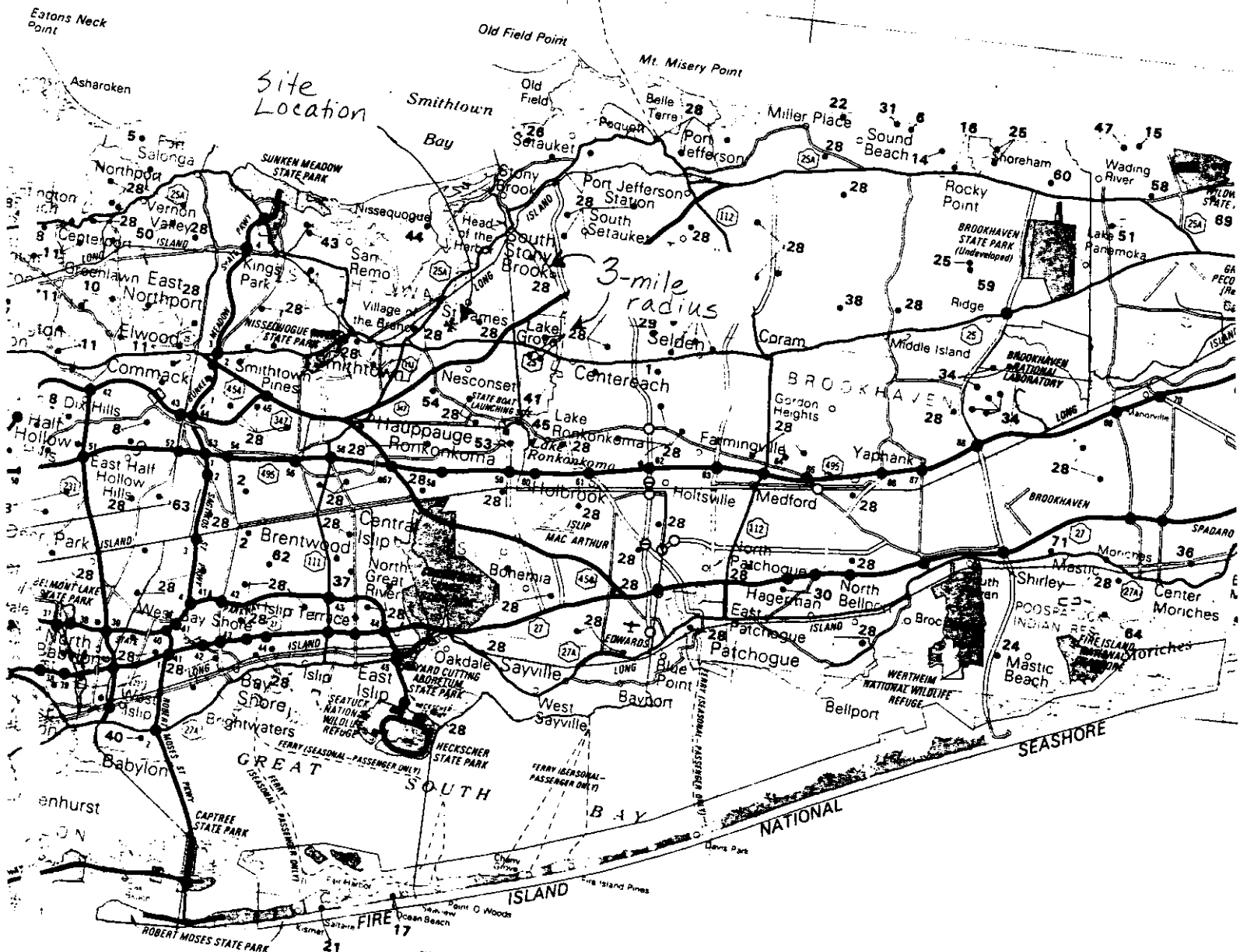
INSPECTOR'S SIGNATURE

Source NYS Atlas of Community
Water System Sources, 1982.
Suffolk County.

South Monckton Avenue
Landfill

CONNECTICUT
ISLAND

LONG



Source: NYS Atlas of
Community Water
System Sources, 1982.
Suffolk County.

SUFFOLK COUNTY

ID NO	COMMUNITY WATER SYSTEM	POPULATION	SOURCE
Municipal Community			
1	Bevon Water Corporation.	1150.	.Wells
2	Brentwood Water District.	25812.	.Wells
3	Bridgehampton Water Company.	1916.	.Wells
4	Captain Kidd Water Company.	580.	.Wells
5	Crab Meadow Beach.	50.	.Wells
6	Culross Corporation (Culross Beach).	104.	.Wells
7	Dering Harbor Village.	130.	.Wells
8	Dix Hills Water District.	30000.	.Wells
9	East Farmingdale Water District.	7850.	.Wells
10	Fishers Island Water Works Corporation.	250.	.Barlow, Middle Farms and Treasure Ponds, Wells
11	Greenlawn Water District.	40000.	.Wells
12	Greenport Village.	6851.	.Wells
13	Hampton Bays Water District.	9500.	.Wells
14	Hawthorne - Maple Civic Association.	50.	.Wells
15	Herod Point Association.	80.	.Wells
16	North Shores Water Company.	5000.	.Wells
17	Ocean Beach Village.	155.	.Wells
18	Reeves Beach Water Company.	650.	.Wells
19	Riverhead Water District.	9300.	.Wells
20	Roanoke Water Corporation.	201.	.Wells
21	Saltaire Village.	35.	.Wells
22	Scott's Beach Water Company.	342.	.Wells
23	Shelter Island Heights Association.	498.	.Wells
24	Shirley Water Works.	3400.	.Wells
25	Shorewood Water Corporation.	10000.	.Wells
26	Soundview Association.	236.	.Wells
27	South Huntington Water District.	51260.	.Wells
28	Suffolk County Water Authority.	900000.	.Wells
29	Sunhill Water Corporation.	3959.	.Wells
30	Swan Lake Water Corporation.	1485.	.Wells
31	Terrace-on-the-Sound.	400.	.Wells
32	Woodbury Triangle Corporation.	800.	.Wells
Non-Municipal Community			
33	Aquebogue Mobile Home Court.	120.	.Wells
34	Brookhaven National Labs.	3373.	.Wells
35	Calverton Hills Owners Association.	897.	.Wells
36	Cedar Lodge Nursing Home.	100.	.Wells
37	Central Islip Psychiatric Center.	4525.	.Wells
38	Crest Hall Health Related Facility.	120.	.Wells
39	East Quogue Mobile Estates.	160.	.Wells
40	Good Samaritan Hospital.	NA.	.Wells
41	Greis Mobile Park.	70.	.Wells
42	Hampton Gateway Apartments.	304.	.Wells
43	Kings Park Psychiatric Center.	3100.	.Wells
44	Knox School.	NA.	.Wells
45	Lake Hurst Lodge Adult Home.	57.	.Wells
46	Leier's Mobile Park.	350.	.Wells
47	Little Flower Children's Services.	150.	.Wells
48	Montauk Air Force Station.	10.	.Wells
49	Napeague Trailer Park.	78.	.Wells
50	Northport VA Hospital.	3000.	.Wells
51	Oak Park Trailer Park.	50.	.Wells
52	Oakland Ridge Mobile Park.	74.	.Wells
53	Park Lake Rest Home.	46.	.Wells
54	Peacock Alley.	35.	.Wells
55	Peconic River Trailer Park.	90.	.Wells
56	Peconic View Adult Mobile Home Park.	70.	.Wells
57	Pinecrest Garden Apartments.	392.	.Wells
58	Ramblewood Mobile Homes.	210.	.Wells
59	Ridge Rest Home.	58.	.Wells
60	Rocky Point Family Housing.	55.	.Wells
61	Rollin Mobile Homes.	220.	.Wells
62	St Joseph Convent - Long Island University.	1177.	.Wells
63	Sam A Lewison Start Center.	40.	.Wells
64	South Bay Adult Home.	40.	.Wells
65	Southampton College.	1000.	.Wells
66	Speonk Mobile Home Park.	50.	.Wells
67	Suffolk Developmental Center.	3500.	.Wells
68	Three Mile Harbor Trailer Park.	40.	.Wells
69	Thurm's Mobile Estates.	450.	.Wells
70	USCG Station - Moriches.	23.	.Wells
71	Wes Dubicki Apartments.	NA.	.Wells

1MS
11-12-82

TOWN OF SMITHTOWN
MONTCLAIR BRUSH DISPOSAL SITE
DRAFT SPECIAL CONDITIONS

- 1.- WASTES TO BE ACCEPTED SHALL BE LIMITED TO LEAVES, BRANCHES, GARDEN TRIMMINGS, STUMPS, AND TREES, AND DEMOLITION DEBRIS CONSISTING OF CONCRETE, BRICK, STONE, ASPHALT, WOOD, AND OTHER INERT MATERIAL.
- 2.- WASTES NOT TO BE ACCEPTED SHALL INCLUDE, BUT NOT BE LIMITED TO, PUTRESCIBLE HOUSEHOLD WASTE (GARBAGE), COMMERCIAL WASTE, INDUSTRIAL AND HAZARDOUS WASTE, CARDBOARD, PAPER, SEPTIC WASTE, OR ANY OTHER WASTES WHICH MIGHT IN ANY WAY AFFECT GROUNDWATER QUALITY.
- 3.- ANY MATERIALS FOUND TO BE UNSUITABLE SHALL BE REMOVED IMMEDIATELY UPON REQUEST.
- 4.- ALL LANDFILLING ACTIVITIES SHALL BE CONFINED TO THE 1.0 ± ACRE FILL AREA AS DELINEATED ON THE MONTCLAIR BRUSH DISPOSAL SITE PLAN, DATED 11/9/82.
- 5.- DEPOSITED MATERIAL SHALL BE COMPACTED DAILY BY RUBBER-TIRED FRONT END LOADERS OR BULLDOZERS.

DAILY COVER SHALL CONSIST OF A MINIMUM OF ~~18~~ (6) INCHES OF SAND OR SANDY LOAM.

- 6.- FINAL CLOSURE SHALL INCLUDE A MINIMUM COVER OF 18 INCHES OF SAND OR SANDY LOAM, TOPPED BY A MINIMUM OF 6 INCHES OF NATIVE TOPSOIL. THE ~~SEE~~ FINAL ELEVATION OF THE FILL SHALL NOT EXCEED EXISTING GRADE. THE SITE SHALL BE GRADED TO ELIMINATE PONDING OF SURFACE WATER, AND SHALL BE SEEDED.

COUNTY OF SUFFOLK



PETER F. COHALAN
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

David Harris, M.D., M.P.H.
Commissioner

TO: KAREN CHYTALO, NYSDEC
FROM: STEVEN KRAMER
DATE: NOVEMBER 30, 1982
RE: SMITHTOWN MONTCLAIR AVENUE
DEMOLITION/COMPOST PERMIT

1982

In response to your request for comments on the Town of Smithtown's proposed Debris Dump Permit, I submit the following comments:

1. That the Town of Smithtown currently landfills on the north side of this facility and Smithtown Concrete operates a landfill on the south side. In light of this, does Smithtown Town intend to continue allowing the concrete plant to bury concrete and as a result be responsible for the entire facility and its proper operation? If yes, then the Pt. 360 permit (section 18) should include concrete as a category. If no, then the landfill should be secured from their easy access which currently exists.
2. That security at the facility with regard to fences is lacking on the south and western perimeters. Questions associated with security and access must be addressed. The Suffolk County Department of Health Services has received periodic complaints in response to this operation and is anxious on the other hand to see the remaining space filled, capped and finished. The adjoining acreage to the north was once landfill and has been developed into soccer fields and is evidence of positive secondary land use and management.

SJK:ets

New York State Department of Environmental Conservation

Building 40
State University of New York
Stony Brook, NY 11794
(516) 751-7900



Robert F. Flacke
Commissioner

December 13, 1982

Mr. James Dowling, Superintendant
Department of Highways
Town of Smithtown
99 West Main Street
Smithtown, NY 11787

RE: MONTCLAIR BRUSH DISPOSAL SITE
PERMIT 52-D-13

Dear Mr. Dowling:

In reviewing your application for the subject site, two areas of concern were raised:

1. It is our understanding that the Smithtown Concrete plant on Middle Country Road will continue to dispose of its waste concrete at the south end of the Town property. If this practice continues, the Town of Smithtown will be responsible for the entire facility and its proper operation.
2. The security of the site must be maintained. Improvements to the south and west perimeters must be made to control access to the site.

Your acknowledgement of these two points will be appreciated.

Very truly yours,

Theodore M. Sanford

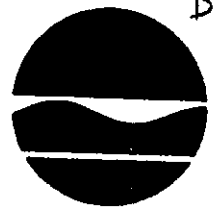
THEODORE M. SANFORD, P.E.
Senior Sanitary Engineer
Solid Waste Program

TMS:ebp

cc: K. Chytalo, NYSDEC
S. Kramer, SCDHS

fill

New York State Department of Environmental Conservation
Division of Solid/Hazardous Waste
Building 40, SUNY
Stony Brook, New York 11794



DM
Henry G. Williams
Commissioner

September 6, 1984

Mr. James Dowling
Superintendent
Department of Highways
Town of Smithtown
99 West Main Street
Smithtown, New York 11787

Bush
Re: Montclair ~~Brook~~ Disposal Site
Permit No. 52-D-13

Dear Mr. Dowling:

This letter is to advise you that your permit to operate a construction and demolition debris disposal site expired on December 13, 1983. Any further disposal of this or other types of refuse at your site is a violation of the Environmental Conservation Law. In addition, you are required to submit a Closure Plan prepared in accordance with 6NYCRR Part 360 (copy attached).

Your reply should be received within sixty (60) days of the date of this letter in order to avoid further enforcement action. If you have any questions, please call me or Mr. Robert Becherer at (516) 751-7900.

Sincerely, .

Philip Barbato
Philip Barbato
Regional Solid Waste Engineer

PB:dm
Attachment
cc: R. Becherer
J. Scherb

4/11/84

*John. Hunt since this site
is now closed - they want
it from then to time for
storage of material.*

①
Mr. James Dowling
Superintendent
Dept of Highways & Disposal S.F.C.
~~Montclair Brush Site~~
Town of Smithtown
99 West Main ST
Smithtown NY

re Montclair Brush Disposal S.F.C.
Permit # S2-D-13

Dear :

This letter is to advise you that your permit to operate a construction and demolition debris disposal site expired on 12/13/83. ~~(you are operating a construction and demolition debris disposal site without the proper permit)~~ Any further disposal of this or other types of refuse at your site is a violation of Environmental Conservation Law. In addition, you are required to submit a Closure Plan prepared in accordance with 6 NYCRR Part 360 (copy attached).

Your reply ^{should be received} ~~is expected~~ within 60 days of the date of this letter in order to avoid further enforcement action. If you have any questions, please call me or Mr. Robert Becherer at 516 751 7900

cc: R. Becherer
J. Scherb.

Sincerely
PB

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PERMIT

Under the Environmental Conservation Law, Article 27, Title 7, Part 360

FACILITY NO.

52-D-13

EXPIRATION DATE

12/13/83

☒ CONSTRUCTION

☒ OPERATION

☒ INITIAL ISSUE

☐ RENEWAL

☐ REISSUANCE

☐ MODIFICATION

PERMIT NO.

10-82-1001

3032

PERMIT ISSUED TO

OWN of Smithtown

ADDRESS OF PERMITTEE

99 West Main Street, Smithtown, NY 11787

TELEPHONE NO.

516-360-7512

LOCATION OF PROJECT

Town

Smithtown

County

Suffolk

Environmental Conservation Regional Office

Region I

DESCRIPTION OF PROJECT

Montclair Brush Disposal Site

ON-SITE SUPERVISOR

Donald English

GENERAL CONDITIONS

- The permittee shall file in the office of the Environmental Conservation Region specified above, a notice of intention to commence work at least 48 hours in advance of the time of commencement and shall also notify said office promptly in writing of the completion of the work.
- The permitted work shall be subject to inspection by an authorized representative of the Department of Environmental Conservation who may order the work suspended if the public interest so requires.
- As a condition of the issuance of this permit, the applicant has accepted expressly, by the execution of the application, the full legal responsibility for all damages, direct or indirect, of whatever nature, and for any and every loss suffered, arising out of the project described herein and for the cost of indemnity and save harmless the State from suits, actions, damages and costs of every name and description resulting from the project.
- All work carried out under this permit shall conform to the approved plans and specifications. Any amendments must be approved by the Department of Environmental Conservation prior to their implementation.
- The permittee is responsible for obtaining any other permits, approvals, easements and rights-of-way which may be required for this project.
- By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with Part 360 and the special conditions. Any variances granted by the Department of Environmental Conservation to Part 360 must be in writing and attached hereto.

SPECIAL CONDITIONS

- Wastes to be accepted shall be limited to leaves, branches, garden trimmings, stumps, and trees, and demolition debris consisting of concrete, brick, stone, asphalt, wood, and other inert material.
- Wastes not to be accepted shall include, but not be limited to, putrescible household waste (garbage), commercial waste, industrial and hazardous waste, cardboard, paper, septic waste, or any other wastes which might in any way affect groundwater quality.
- Any materials found to be unsuitable shall be removed immediately upon request.
- All landfilling activities shall be confined to the 4.0⁺ acre fill area as delineated on the Montclair Brush Disposal Site Plan, dated 11/20/82.
- Deposited material shall be compacted daily by rubber-tired front end loaders or bulldozers. Daily cover shall consist of a minimum of six inches of sand or sandy loam.
- Access to and use of the facility shall be controlled by fencing, gates, signs, or other suitable means.
- Final closure shall include a minimum cover of 18 inches of sand or sandy loam, topped by a minimum of six inches of native topsoil. The final elevation of the fill shall not exceed existing grade. The site shall be graded to eliminate ponding of surface water, and shall be seeded.

Office of Superintendent of Highways
James E. Dowling

RECEIVED

TOWN OF SMITHTOWN
758 SMITHTOWN BY-PASS
SMITHTOWN, NEW YORK 11787

RECEIVED

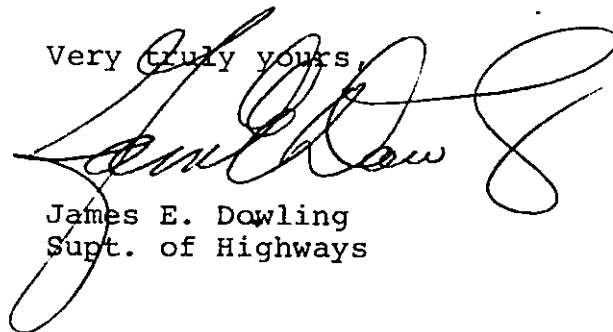
December 21st, 1982

Mr. Theodore M. Sanford, P.E.
N.Y.S. Dept. of Environmental Conservation
Building 40
State University of New York
Stony Brook, N. Y. 11794

Dear Mr. Sanford:

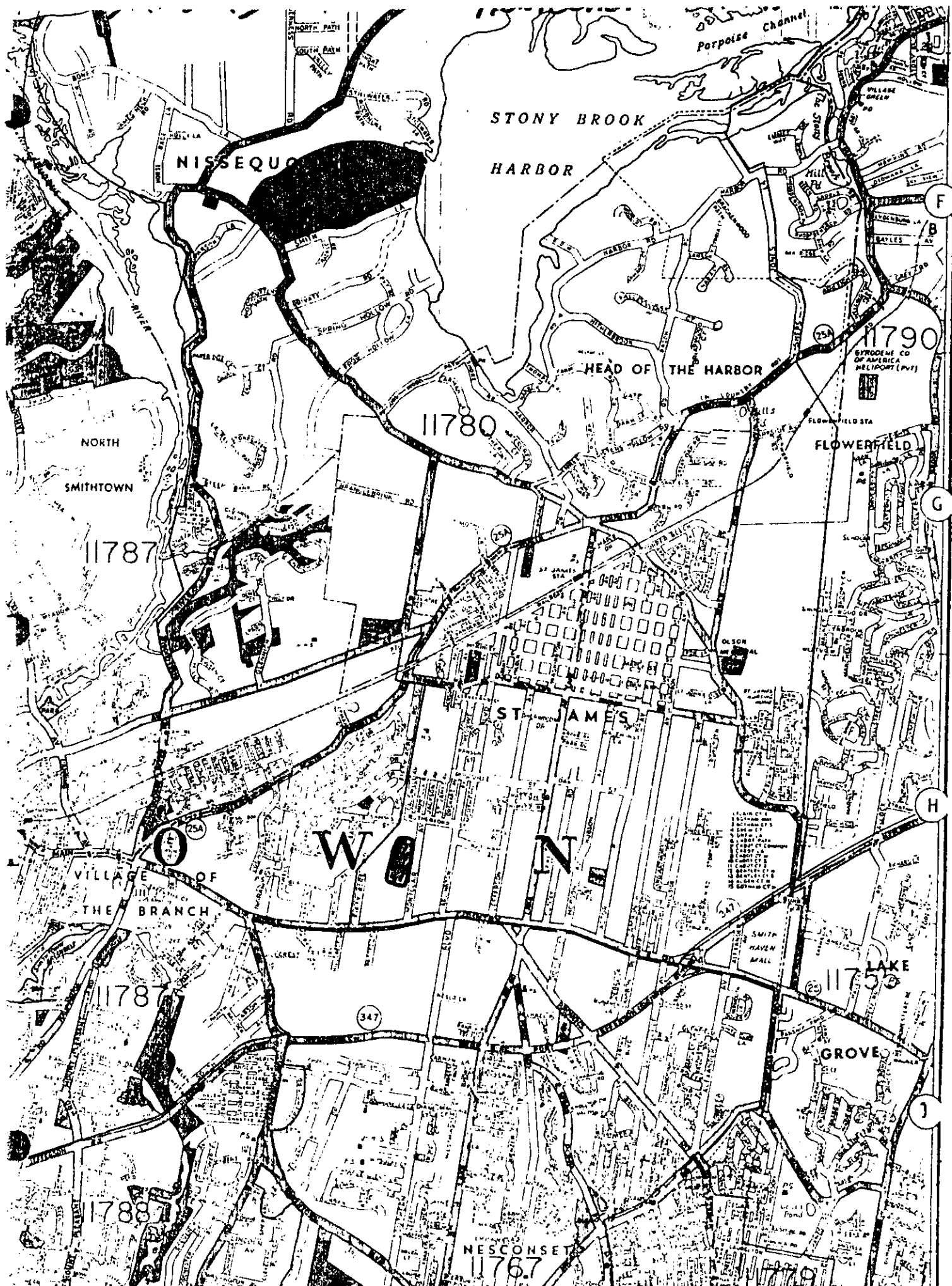
With reference to your letter of December 13th, 1982 and your questions about Montclair Permit 52-D-13, please be advised that we will maintain the area and improve the security of the total area.

Very truly yours,



James E. Dowling
Supt. of Highways

JED:gmp



Scoring System to Select Sites to be Ranked for State Superfund

Name of Site Montclair AveInactive ☐Active ☒County SuffolkPrivate ☐Public ☒Address Town of Smithtown

Classification Code _____

Code Number _____

I. Type of Site

Open dump/unlined lagoon

(10)

Structure

(8)

Landfill

(6)

No information/Unknown

(4)

Score 6

II. Hazardous Waste Disposal

Confirmed

(15)

Suspected

(10)

Unknown

(5)

Score 5

III. Type and Quantity of Waste

A. Type of Wastes

Halo-organics

(10)

Other organics

(5)

Inorganics

(3)

Unknown

(1)

B. Quantity of Waste/Year

Over 10 tons (4 x type of waste)

1 to 10 tons (3 x type of waste)

1 ton or less (2 x type of waste)

Unknown (1 x type of waste)

(1 ton = 1 cu. yd.)

$$\frac{1}{A} \times \frac{1}{B} = \frac{1}{\text{Score}}$$

IV. Environmental Problems

Groundwater contamination

(15)

Surface Water/Wetland Contamination

(10)

Air Contamination

(8)

Possibility (1/2 above values)

Score 7.5

V. Public Health Problems

Known contamination of public water supply (20)

Known contamination of private water supply (15)

Potential contamination of public or private water supply

(10)

Score 10

MAXIMUM SCORE - 100

TOTAL SCORE 29.5

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Solid Waste

#45

Scoring System to Select Sites to be Ranked for State Superfund

Name of Site So. Montclair Ave

Inactive ☒

Active ☐

County Suffolk

Private ☐

Public ☒

Address Town of Smithtown

Code Number 1

Classification Code _____

I. Type of Site

Open dump/unlined lagoon

(10)

Structure

(8)

Landfill

(6)

No information/Unknown

(4)

Score 6

II. Hazardous Waste Disposal

Confirmed

(15)

Suspected

(10)

Unknown

(5)

Score 5

III. Type and Quantity of Waste

A. Type of Wastes

Halo-organics

(10)

Other organics

(5)

Inorganics

(3)

Unknown

(1)

B. Quantity of Waste/Year

Over 10 tons (4 x type of waste)

1 to 10 tons (3 x type of waste)

1 ton or less (2 x type of waste)

Unknown (1 x type of waste)

(1 ton = 1 cu. yd.)

$$\frac{1}{A} \times \frac{1}{B} = \frac{1}{\text{Score}}$$

IV. Environmental Problems

Groundwater contamination

(15)

Surface Water/Wetland Contamination

(10)

Air Contamination

(8)

Possibility (1/4 above values)

Score 7.5

V. Public Health Problems

Known contamination of public water supply (20)

Known contamination of private water supply (15)

Potential contamination of public or private water supply

(10)

Score 10

MAXIMUM SCORE - 100

TOTAL SCORE 29.5

see file for more detailed information regarding Significant Habitats and Reports. A topo map for each site is in the file and critical habitats are indicated.

1/5/84
LEN

Significant Habitats - Phase 1 Reports

REFERENCE: NYSDEC, 1984, Significant Habitat Reports and Maps in (applicable) County, Division of Fish and Wildlife, Significant Habitats Unit.

Nassau
Suffolk
Kings
Albany
Rensselaer

Site Number

Report

1

None

2

30-20 Island Park

-23 Cinder Island; No. Cinder Island;
Gull Island

-29 East Channel Island-

subcolony 1 and 2; Garrett
Marsh

-30 Pearsalls Hassock

3

52-35 - Manorville Hills* (just outside
1 mile radius - check map)

37 - Rock Hill - Radar Hill

Pine Barrens

4

None

5

None

6

52-16 - Port Jefferson Harbor

7

None

8

None

9

52-6 Great South Bay

Site Number	Report
10	None
11	None
* 12 South Montclair Avenue L.F.	None
13	None
14	None
15	None
16	None
17	None
18	52-58 North Sea Harbor
19	None
20	None
21	None
22	None
23	None
24	42-1 Hoosic River & Associated Lowlands

RING: 0.50 MILE(S)
 RING: 1.00 MILE(S)
 RING: 2.00 MILE(S)
 RING: 4.00 MILE(S)

AREA: 4 SITE-6

DESCRIPTION
 RING: 0.25 MILE(S)
 RING: 0.50 MILE(S)
 RING: 1.00 MILE(S)
 RING: 2.00 MILE(S)
 RING: 4.00 MILE(S)

AREA: 5 SITE-20

DESCRIPTION
 RING: 0.25 MILE(S)
 RING: 0.50 MILE(S)
 RING: 1.00 MILE(S)
 RING: 2.00 MILE(S)
 RING: 4.00 MILE(S)

AREA: 6 SITE-4

DESCRIPTION
 RING: 0.25 MILE(S)
 RING: 0.50 MILE(S)
 RING: 1.00 MILE(S)
 RING: 2.00 MILE(S)
 RING: 4.00 MILE(S)

AREA: 7 SITE-23

DESCRIPTION
 RING: 0.25 MILE(S)
 RING: 0.50 MILE(S)
 RING: 1.00 MILE(S)
 RING: 2.00 MILE(S)
 RING: 4.00 MILE(S)

AREA: 8 SITE-16

DESCRIPTION
 RING: 0.25 MILE(S)
 RING: 0.50 MILE(S)
 RING: 1.00 MILE(S)
 RING: 2.00 MILE(S)
 RING: 4.00 MILE(S)

AREA: 9 SITE-14

DESCRIPTION
 RING: 0.25 MILE(S)
 RING: 0.50 MILE(S)
 RING: 1.00 MILE(S)
 RING: 2.00 MILE(S)
 RING: 4.00 MILE(S)

AREA: 10 SITE-7

DESCRIPTION
 RING: 0.25 MILE(S)
 RING: 0.50 MILE(S)
 RING: 1.00 MILE(S)
 RING: 2.00 MILE(S)
 RING: 4.00 MILE(S)

1401
 5405
 31999
 128206

POPULATION
 0
 2066
 10015
 28890
 49187

POPULATION
 9741
 32452
 125325
 506222
 1540964

POPULATION
 0
 3731
 14593
 75336
 244835

POPULATION
 0
 0
 0
 0
 11699

POPULATION
 0
 0
 11499
 36474
 144295

POPULATION
 0
 2466
 8521
 31757
 135001

POPULATION
 1166
 1166
 6866
 31423
 121821

HOUSEHOLDS
 0
 688
 3087
 8624
 24229

HOUSEHOLDS
 3874
 13605
 49787
 193067
 598442

HOUSEHOLDS
 0
 1133
 5145
 24110
 77139

HOUSEHOLDS
 0
 0
 0
 0
 4023

HOUSEHOLDS
 0
 0
 3503
 11213
 40486

HOUSEHOLDS
 0
 710
 2350
 8732
 36474

HOUSEHOLDS
 324
 323
 1474
 8879
 34469

50'5" 33"
 73°09'27"
 * So. Montclair Ave handfill

Learning Avenue
 40°55'57"
 73°03'39"

S. Lor Road
 40°38'35"
 73°58'43"

Merritt LF
 40°39'08"
 73°33'47"

Sand Lake LF
 42°36'17"
 73°37'32"

Hazel Hill
 40°51'52"
 73°22'08"

Dr. Tel. R. logs
 40°50'08"
 73°19'15"

Huntington handfill
 40°52'50"
 73°17'22"

Source: Donnelley Marketing,
 1984 (Census data - 1980)

Form 10-300
(Rev. 6-72)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM

(Type all entries - complete applicable sections)

STATE: New York
COUNTY: Suffolk
FOR NPS USE ONLY
ENTRY DATE

Source: NHL 8/7/84
NYS Office of Parks,
Recreation & Historic Preservation
1984

1. NAME
COMMON: Halliock Inn
AND/OR HISTORIC: Halliock (Thomas) House
2. LOCATION
STREET AND NUMBER: 263 East Main Street (N.Y. Route 25, Middle Country Road, or Jericho Turnpike)
CITY OR TOWN: Smithtown
STATE: New York CODE: 036 CONGRESSIONAL DISTRICT: 1
Rep.: Otis Pike COUNTY: Suffolk CODE: 103

3. CLASSIFICATION
CATEGORY (Check One): ☐ District ☒ Building ☐ Site ☐ Structure ☐ Object
OWNERSHIP: ☐ Public ☒ Private ☐ Both
Public Acquisition: ☐ In Process ☐ Being Considered
STATUS: ☒ Occupied ☐ Unoccupied ☐ Preservation work in progress
ACCESSIBLE TO THE PUBLIC: Yes: ☒ Restricted ☐ Unrestricted ☐ No
PRESENT USE (Check One or More as Appropriate):
☐ Agricultural ☐ Government ☐ Park ☐ Transportation ☐ Comments
☐ Commercial ☐ Industrial ☒ Private Residence ☐ Other (Specify) _____
☐ Educational ☐ Military ☐ Religious _____
☐ Entertainment ☒ Museum ☐ Scientific _____

4. OWNER OF PROPERTY
OWNER'S NAME: Virginia Turrell
STREET AND NUMBER: 263 East Main Street
CITY OR TOWN: Smithtown STATE: New York CODE: 036

5. LOCATION OF LEGAL DESCRIPTION
COURTHOUSE, REGISTRY OF DEEDS, ETC.: Suffolk County Courthouse
STREET AND NUMBER: _____
CITY OR TOWN: Riverhead STATE: New York CODE: 036

6. REPRESENTATION IN EXISTING SURVEYS
TITLE OF SURVEY: Long Island Landmarks
DATE OF SURVEY: 1969 ☐ Federal ☒ State ☐ County ☐ Local
DEPOSITORY FOR SURVEY RECORDS: published by New York State Office of Planning Coordination
STREET AND NUMBER: 488 Broadway
CITY OR TOWN: Albany STATE: New York CODE: 036

STATE: New York
COUNTY: Suffolk
ENTRY NUMBER
DATE

FOR NPS USE ONLY

Source: NHL, 8/11/83
NYS Office of Parks, Recreation
& Historic
Preservation
1984
For NPS use only
received
date entered
investigation number

United States Department of the Interior
National Park Service

**National Register of Historic Places
Inventory—Nomination Form**

See Instructions in How to Complete National Register Forms
Type all entries—complete applicable sections

1. Name

Historic

and/or common Blydenburgh Park Historic District

2. Location

Tract & number Blydenburgh County Park not for publication

City, town Smithtown vicinity of congressional district

State New York code 036 county Suffolk code 103

3. Classification

Category	Ownership	Status	Present Use
<input checked="" type="checkbox"/> district	<input checked="" type="checkbox"/> public	<input checked="" type="checkbox"/> occupied	<input type="checkbox"/> agriculture
<input type="checkbox"/> building(s)	<input type="checkbox"/> private	<input checked="" type="checkbox"/> unoccupied	<input type="checkbox"/> commercial
<input type="checkbox"/> structure	<input type="checkbox"/> both	<input type="checkbox"/> work in progress	<input type="checkbox"/> educational
<input type="checkbox"/> site	Public Acquisition	Accessible	<input type="checkbox"/> entertainment
<input type="checkbox"/> object	<input type="checkbox"/> in process	<input checked="" type="checkbox"/> yes: restricted	<input type="checkbox"/> government
	<input type="checkbox"/> being considered	<input type="checkbox"/> yes: unrestricted	<input type="checkbox"/> industrial
	NA	<input type="checkbox"/> no	<input type="checkbox"/> military
			<input type="checkbox"/> museum
			<input checked="" type="checkbox"/> park
			<input type="checkbox"/> private residence
			<input type="checkbox"/> religious
			<input type="checkbox"/> scientific
			<input type="checkbox"/> transportation
			<input type="checkbox"/> other:

4. Owner of Property

Organization Suffolk Co. Dept. of Parks, Recreation, and Conservation

Tract & number P.O. Box 144

City, town West Sayville vicinity of state New York

5. Location of Legal Description

Courthouse, registry of deeds, etc. Suffolk County Clerk

Tract & number County Center

City, town Riverhead state New York

6. Representation in Existing Surveys

New York Statewide Inventory
Inventory of Historic Resources

has this property been determined eligible? ☐ yes ☒ no

Year 1976 ☐ federal ☒ state ☐ county ☐ local

Repository for survey records Division for Historic Preservation

City, town Albany state New York

**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY -- NOMINATION FORM**

RECEIVED

DATE ENTERED

Source: NHL 12/23/77
NYS Office of Parks,
R&E Historic Pres., 1984

SEE INSTRUCTIONS IN HOW TO COMPLETE NATIONAL REGISTER FORMS
TYPE ALL ENTRIES -- COMPLETE APPLICABLE SECTIONS

NAME

HISTORIC

First Presbyterian Church

AND/OR COMMON

LOCATION

STREET & NUMBER

175 East Main Street (NY Route 25)

NOT FOR PUBLICATION

CITY, TOWN

Smithtown

CONGRESSIONAL DISTRICT

1st

STATE

New York

CODE

36

COUNTY

Suffolk

CODE

103

CLASSIFICATION

CATEGORY

__DISTRICT

☒ BUILDING(S)

__STRUCTURE

__SITE

__OBJECT

OWNERSHIP

__PUBLIC

☒ PRIVATE

__BOTH

PUBLIC ACQUISITION

__IN PROCESS

__BEING CONSIDERED

STATUS

☒ OCCUPIED

__UNOCCUPIED

__WORK IN PROGRESS

ACCESSIBLE

☒ YES RESTRICTED

__YES UNRESTRICTED

__NO

PRESENT USE

__AGRICULTURE

__COMMERCIAL

__EDUCATIONAL

__ENTERTAINMENT

__GOVERNMENT

__INDUSTRIAL

__MILITARY

__MUSEUM

__PARK

__PRIVATE RESIDENCE

☒ RELIGIOUS

__SCIENTIFIC

__TRANSPORTATION

__OTHER

OWNER OF PROPERTY

NAME

First Presbyterian Church

STREET & NUMBER

175 East Main Street

CITY, TOWN

Smithtown

VICINITY OF

STATE

New York

LOCATION OF LEGAL DESCRIPTION

COURTHOUSE,

REGISTRY OF DEEDS, ETC

Suffolk County Government Center

STREET & NUMBER

CITY, TOWN

Riverhead

STATE

New York

REPRESENTATION IN EXISTING SURVEYS

TITLE

Inventory of Historic Resources

DATE

1975

__FEDERAL ☒ STATE __COUNTY __LOCAL

DEPOSITORY FOR
SURVEY RECORDS

Office of Parks and Recreation

CITY, TOWN

Albany,

STATE

New York

9/12/84

A Mr Bob Jones called regarding the letter we sent them re: Mountain Brook Disposal Site. 52-D-13. He said Donal Dennis's office was supposed to make application for the permit renewal. I suggested he check with Dennis's office on whether they did apply. He will call back.

9/14/84

John Trent, Town of Smithtown says this site is closed. However, at the time of my visit, there was a large pile of stuff on site. It looked like stuff from a spring or fall cleanup.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
**APPLICATION FOR USE OF A CONSTRUCTION
 AND DEMOLITION DEBRIS DISPOSAL SITE**

FOR STATE USE ONLY	
PROJECT NO. 10-84-1320	DATE RECEIVED 10/10/84
DEPARTMENT ACTION <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	DATE

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

1. OWNER'S NAME Town of Smithtown	2. ADDRESS (Street, City, State, Zip Code) 99 W. Main St., Smithtown, N.Y. 11787	3. Telephone No. (516) 360-7512
4. OPERATOR'S NAME Town of Smithtown	5. ADDRESS (Street, City, State, Zip Code) 99 W. Main St., Smithtown, N.Y. 11787	6. Telephone No. (516) 360-7512
7. ON-SITE SUPERVISOR Donald English	8. ADDRESS (Street, City, State, Zip Code) 99 W. Main St., Smithtown, N.Y. 11787	9. Telephone No. (516) 360-7512
10. PROJECT/FACILITY NAME Montclair Brush Disposal Site		
11. PROJECT STATUS <input type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Proposed <input type="checkbox"/> Existing	12. COUNTY IN WHICH FACILITY IS LOCATED Suffolk	13. ENVIRONMENTAL CONSERVATION REGION One
14. OPERATING HOURS/DAY 8	15. ESTIMATED SITE LIFE 12 Months	16. ESTIMATED DAILY VOLUME 200 Cubic Yards

17. DESCRIBE SPECIFIC LOCATION OF SITE

Northwesterly corner of the intersection of N.Y.S. Route 25 and Montclair Avenue, Smithtown, Suffolk County, N.Y.

This application is for removal of Penalty No. 10-82-1001 (3000) Facility No. 52-D-13.

18. LIST EACH WASTE COMPONENT TO BE DISPOSED

Grass, brush, garden refuse, etc., and Demolition Debris consisting of Brick, Stone, Asphalt, etc. and other inert material.

19. BRIEFLY DESCRIBE PROPOSED COMPACTION, COVER, SEEDING AND FINAL CLOSURE OF SITE

Deposited material will be compacted daily by rubber tired front end loader and/or bulldozer. Daily cover consisting of 6 inches (minimum) of sand or sandy loam will be applied. Final closure will include a minimum cover of 18 inches of sand or sandy loam, topped by a minimum of 3 inches of topsoil native to the area. The site will be graded to conform to the existing condition of surface water, and so on.

20. CERTIFICATION:

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date **10/10/84** Signature and Title **Donald English, N.Y.S. Department of Environmental Conservation**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NOTIFICATION OF AVAILABILITY FOR REVIEWINITIATING UNIT: Division of Reg. Affairs Contact: Bob ThurberOTHER # 52-D-13 DATE ISSUED 10/22/84OTHER # 1 DATE DUE 10/24/84OTHER # 1 DEC # 10-84-1320PURPOSE FOR NOTIFICATION/REVIEW AUTHORITY: Is this enough information?Terms + conditions to permitor do you want form letter on CED site sent
see Remarks belowAPPLICANT: Town of SouthtownPROJECT NAME/DESCRIPTION: Montclau Bunch Disposal SitePROJECT LOCATION: NYS Rte 25City/Village Southtown Town: SouthtownCounty: Suff USGS Quad:

(Attach a location map)

REMARKS: Previous UPA file 10-82-1001 + permitDoes information in existing files affect
form letter cont.DISTRIBUTION: Bob Bechererno comments ☐comments attached ☐RESPONDING UNIT: Incomplete - send "standard" CED letterBY: f Becherer 10/23/84

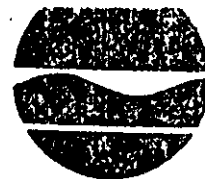
(name/unit/date)

New York State Department of Environmental Conservation

Building 40, SUNY

Stony Brook, New York 11794

(516) 791-7900



Henry G. Williams
Commissioner

PATRICK R. VECCHIO
TOWN SUPERVISOR

TOWN OF SMITHTOWN

99 W. MAIN ST

SMITHTOWN, NY 11787

10/23/84

Re: MONTEAIR BRUSH DISPOSAL
SITE (52-D-13)

#10-84-1320

Dear Sir:

incomplete
Your application to operate a construction and demolition debris site is ~~incomplete~~, ~~it~~ being ~~processed~~. In order to complete the review of your application, the following information is requested:

1. Site Plan

The plans should be submitted on 24" X 36" sheets. The site plan should be prepared at a 1"=200' scale with five foot contour intervals. The plan should clearly show property boundaries, acreage, access points and should be prepared by a land surveyor or engineer with exemption licensed to practice in New York State.

2. Vicinity Plan

This plan must be submitted on 24" X 36" sheets at 1:24,000 scale. The plan must show all areas within one mile of the site boundaries and should include zoning and land use in that area. The vicinity plan must also show residences, wells, surface waters (with quality classification), access roads and airports in the vicinity area.

3. Report

A report must be prepared which describes the operation at the site. This report must contain the following information:

- a. Monthly solid waste quantities, in yards, composition and basis for determination.
- b. Calculated life of the facility.
- c. Site description, including size (acreage) and road frontages.
- d. Authorizations, permits and approvals, such as those that may involve Air, CEQAS, Tidal and Freshwater Wetlands, and Mined Land Reclamation Act.

- e. A discussion of the present or proposed operation which would include personnel requirements and their responsibilities, facility control (signs, hours and days of operation, facility regulations, traffic flow).
- f. Noise control--Provide sufficient information to demonstrate that noise levels at the facility will be controlled or will not cause a problem to the neighboring community.
- g. Submit confirmation that the proposed site is not in violation of any local laws. Letters from the appropriate Towns or Villages confirming the appropriateness of the proposed land use should be made a part of this report.
- h. Contingency plans for control of undesirable conditions such as fires, dust, litter, water contamination, odor, noises, vectors, unusual traffic conditions, equipment breakdown and the disposal of non-permitted material deposited on the site should be included in this report.

4. Groundwater Monitoring

The applicant shall submit his plan for groundwater monitoring. A minimum of three monitoring wells will be required--one upgradient and two downgradient from the site. Installation of all monitoring wells shall be under the supervision of a licensed engineer and/or geologist. Construction will commence and be performed by a licensed well driller only after approval of the plans by DEP. The applicant must notify DEP within 72 hours prior to commencement. The locations of wells shall be consistent with the USEPA publication "Procedures Manual For Monitoring Solid Waste Disposal Sites."

All wells shall be a minimum of four inches internal diameter. Wells installed at a depth of fifty feet or greater shall be equipped with a submersible pump. All other wells shall have dedicated bailers. The applicant must have the capability of withdrawing a sample--i.e., providing power in the case of the submersible pumps, during normal working hours.

Groundwater monitoring parameters and sampling frequency will be specified in the operating permit.

5. Soil Borings

The applicant shall submit a plan of soil borings for the proposed site. The purpose of the report is to learn the characteristics of the unconsolidated materials of the site, including their permeability. The number and spacing of borings is determined by the size of the site and the complexity of the geology. As a minimum, six borings should be provided for a site of ten acres or less in size. The borings should be a minimum of twenty feet deep. The strata should be characterized as to their Unified Soil Classification, including Atterburg Limits, Gradation Analysis and Hydrometer tests.

6. Closure Plan:

The applicant shall submit a closure plan which shall include an estimate of the costs of closure. The applicant shall propose a method of financial surety to cover these costs.

7. The applicant is required to complete the attached environmental assessment form (EAF).

The applicant is hereby advised that this information must be submitted in a timely manner to this office but in no case should the return of this information extend past sixty days from receipt of this letter.

Very truly yours,

Daniel J. Larkin
Regional Permit Administrator'

WHL:dr

Proximity of Active Agricultural Land and Prime Farmland to Candidate Inactive Hazardous Waste Sites
Site 12 - South Montclair Landfill *Drone: NY50AM*

Site No.	Sheet No.	Criteria		Comments
		#1*	#2**	
1	57 +	No	Yes	Prime farmland within 2 but not 1 mile
3	70 +	Yes	Yes	Prime farmland within 3/4 mile
5	8 & 17 +	Yes	Yes	Active prime farmland in Suffolk County Agricultural District #1 adjacent to site
6	40 +	No	No?	Mount Sinai area to N/E (Sheet 40) and area to east should be investigated - farmland is at the 2 mile range
8	64 & 65 +	No	No	
* 12	54 +	Yes	Yes	Nursery stock 700 ft. south; 40 acre vegetable farm is SW about 1.5 miles; within mile to the north
16	51 +	Yes	Yes	30 acre vegetable farm to the west; areas to the east
17	17 +	Yes	Yes	All farmland prime; horse farm adjacent to site to the west; also farmland within 3/4 mile to the North and Northeast
18	47 +	Yes	Yes	Prime farmland within 1.5 miles; vegetable farm within a mile at North Sea
23	+	Yes	Yes	Active agricultural land within 1/4 mile, active prime farmland within 1/2 mile - site is adjacent to Rensselaer County Agricultural District #7
24	+	Yes	Yes	Active prime farmland within 1/4 mile; site is adjacent to Rensselaer County Agricultural District #3.

*Distance to agricultural land in production within past 5 years, if 1 mile or less.

**Distance to prime agricultural land in production within past 5 years, if 2 miles or less.

~~+~~ Soil survey of Suffolk County, USDA-SCS in cooperation with Cornell Agricultural Experiment Station issued 4/75-- information obtained during telephone conversations with Suffolk County SWCD, and County USDA, Agricultural Stabilization and Conservation Service staff.

~~+~~ - Not Applicable; soil survey mapping completed--information obtained during telephone conversation with the USDA-SCS, District Conservationist with the Rensselaer County SWCD.

Kough Draft

WOODWARD-CLYDE CONSULTANTS
WASTE SITE INSPECTION REPORT

Name of Site: South Montclair Ave, L.F. County: Suffolk
Address: _____

Inspector: James T. Moore Time and Date of Inspection: 12-19-84
Weather Conditions: moderate to heavy rain, & overcast

I. SITE DESCRIPTION

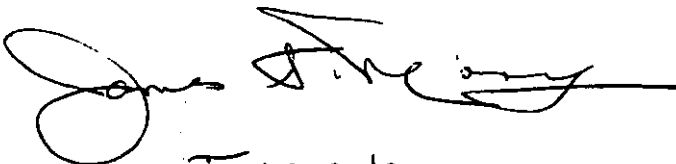
1. Type of Site: 2. Buildings on Site? yes/no (no)
If yes, describe:

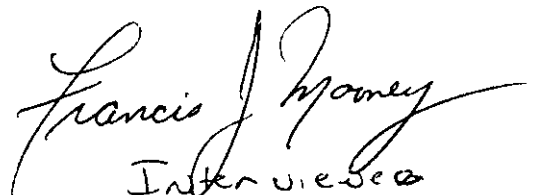
- ☐ A Surface Impoundment
- ☐ B Piles
- ☐ C Drums Above Ground
- ☐ D Tank Above Ground
- ☐ E Tank Below Ground
- ☒ F Landfill
- ☐ G Landfarm
- ☐ H Open Dump
- ☐ I Other

3. Area of Site:
20 acres

General Description:

* An old sand & gravel pit that was
Converted to a municipal dump


Inspector


Interviewee

II. INTERVIEW RECORD1. Name(s): FRANCIS J. MOONEY2. Position(s): TOWN ENGINEER3. Telephone Number: (516) 360-75504. Name of Current Owner of Site: TOWN OF SMITHTOWN5. Address of Current Owner of Site: 99 W MAIN ST. SMITHTOWN, N.Y. 117876. Time Period Site Was Used for ~~Hazardous~~ Waste Disposal: , 1965 To , 1971Is site Active Inactive at present? INACTIVEPast Sampling Activities: Air Ground Water None
 Surface Water SoilRemedial Actions: Proposed Under Design N.A.
 In Progress CompletedStatus of Legal Action: State Federal NONEPermits Issued: Federal Local Government SPDES
 Solid Waste Mined Land Wetlands Other ?

II. INTERVIEW RECORD (continued)

Waste Characteristics:

TYPICAL HOUSE HOLD WASTE.

- Paper, bags, leaves, stumps, limbs, and plastic items. Most of the site is filled in, graded, and covered with grass or weeds except for the southern portion.

Other Information: (site history, operator information, generator/transporter information, past response activities, legal actions, hazardous incidents, other information).

1. SITE ORIGINALLY SOURCE OF SAND & GRAVEL FOR CONCRETE MANUFACTURE.
- 2) SITE PRESENTLY USED BY SMITH TOWN HIGHWAY DEPT. SOUTHERN END OF SITE IS A BRUSH & LEAVE DUMP.
- 3) PART OF SITE USED FOR RECREATION PURPOSES (2 soccer fields)
- 4) Has wells in sub surface strata to bleed off methane

III. SURFACE WATER

1. Is there identifiable leachate? ☒ yes ☐ no

If yes, describe:

2. Is site completely surrounded by higher ground:

yes ☒ no ☐ uncertain from field observations

3. Appropriate distance to nearest observed downgradient body of

Surface water: _____

Description: _____

Use: _____

4. Average slope of site:

☒ 3%

5-8%

3-5%

>8%

5. On site ponding? ☒ yes ☐ no

If yes, describe:

See the map of the site. There was some ponding in the area.

6. Average slope of terrain between site and nearest observed down slope surface

water body: ☒ 3% ☐ 5-8%

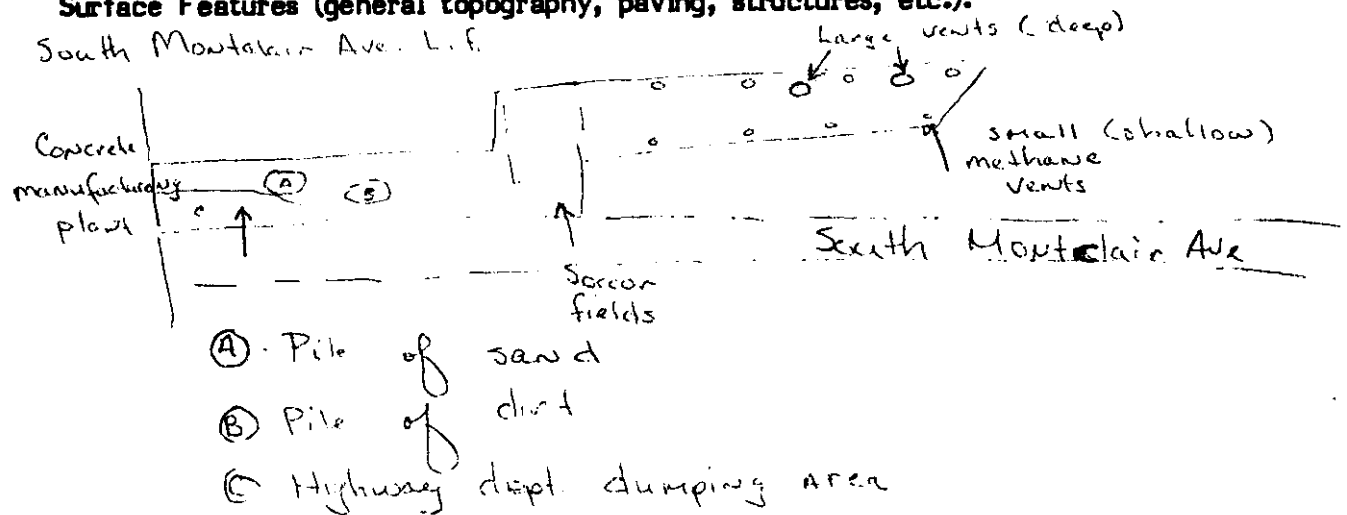
3-5% ☐ 8%

7. In an area of flood plain? ☒ yes ☐ no

III. SURFACE WATER (continued)

8. Damage to floral fauna from surface water? yes/no
 If yes, describe:

9. Surface Features (general topography, paving, structures, etc.):



- The area is smooth and even with the surface covered with grass and weeds. There are no structures. There is no paved road and the boundary of the south side of the landfill is not fenced in. The southern boundary just happens to be the back of a cement brick plant.

IV. GROUND WATER

1. On site wells? yes/none observed

If yes:

number _____

location _____

description _____

2. Observations concerning ground water *NONE*

3. Observations concerning stratigraphy *NONE*

4. Damage to flora/fauna from ground water? yes/no

If yes, describe.

V. AIR

↓ Evidence of air contaminants emitted from site: *N.A.*

2. Rationale for attributing the contaminants to the site: *N.A.*

VI. DEMOGRAPHY/LAND USE

1. Distance to nearest observed off-site building Across the road < 100 ft
2. Distance to nearest observed residence 100 FT.
3. Estimated number of households within a radius of 1/4 mile _____
4. Distance to nearest observed commercial/industrial land use 500 FT
Description: CONCRETE BLOCK MANUFACTURE
5. Distance to nearest observed agricultural lands _____
Description:

6. Observed historic landmark sites? yes/no
If yes, describe, give approximate distance:

7. Observed park/open space area? yes/no
If yes, describe, give approximate distance:

8. Observed wetlands or low-lying area? yes/no
If yes, describe, give approximate distance and area in acres:

9. Observed critical habitat or wildlife refuge? yes/no
If yes, describe, give approximate distance:

10. General description of use of adjacent lands.

11. property, etc. and other information.

VII. WASTE CHARACTERISTICS

1. Physical State of Waste

Comments

- ☒ solid, stable
- ☐ solid, unstable
- ☐ powder, fines
- ☐ sludge
- ☐ slurry
- ☐ liquid
- ☐ gas
- ☐ other

2. Estimated quantity of waste: 300,000 TONS DURING TOTAL LIFE OF SITE

3. Estimated quantity of waste that appears fully contained: 100 %

4. Odors? yes/no
If yes, describe:

5. Observations concerning suspected waste materials

VIII. WASTE CONTAINMENT

1. Observed soil/rock material underlying site: SAND & GRAVEL

natural/artificial/unknown

permeability: low/moderate/high

2. Diversion system? yes/no

Description/condition:

3. Leachate collection system? yes/no

Description/condition:

4. Is there diking? yes/no If yes, is it sound/unsound?

5. If diking exists, does it have adequate freeboard? yes/no N.A.

6. If site has containers (i.e., 55-gallon drums): are they sealed and in sound condition or leaking? N.A.

7. If waste is in piles, N.A.

a. Are piles covered/uncovered?

b. Is waste stabilized/unstabilized?

8. If waste is in a landfill:

a. Is there potential for ponding on surface of landfill? Yes

b. Is there potential for erosion? No

c. Is there refuse visible at surface? No

d. If covered, is the cover seeded/vegetational cover? Yes

VIII WASTE CONTAINMENT (continued)

9. Damage to flora/fauna from direct contact? **yes/no**
 If yes, describe:

10. Security

- 24-hour surveillance
- security guard
- complete barrier
- incomplete barrier
- no barriers
- controlled entry
- signs posted

11. Comments concerning waste containment:

This site has been used the way it is now. The site use to be a old gravel - sand pit. It is well garbage, vented. It is for safety reasons, made use of, another. It is as recreational area, and used the gravel for a road. For highway dept. The site has been in operation for 10 years, and the gravel has appeared to be removed the use of the road.

IX. SITE INVESTIGATION FEASIBILITY

1. Accessible to vehicles? ☒ yes / ☐ no

If no, why:

2. Accessible to drill rig? ☒ yes / ☐ no

If no, why:

3. Nearest drilling water source: *HYDRANT ON STREET*

4. Accessible to backhoe: ☒ yes / ☐ no

If no, why

5. Geophysical Surveys:

Accessible: ☒ yes / ☐ no

Overhead interference *NO*

Surface interference *some fences on the site might pose problems*

Subsurface interference *possible but not likely*

6. Accessibility of adjacent off-site lands: *The off-site lands would be easy to access. The site is located on a street corner and the adjacent lands are all on the same lot.*

7. Comments

X. SKETCHES, PHOTOGRAPHS

Source:
NYS Dept. of
Agriculture &
Markets, 1985

#12

Gravel pit

near active farmland north-nw of sec
06nts 25A to N

see sheet (54) Suffolk City So Survey.

WOODWARD-CLYDE CONSULTANTS
RECORD OF TELEPHONE CONVERSATION

Date: 1-11-85 Time: 1:10 Project No. 82C45483

Re: Operations of plant near S. Montclair landfill

Call Placed By: James Dowling of: Superintendent, Dept of High.

To: James T. Moore of: WCCI; Staff Geologist

Notes: Operations of Smithtown Concrete
plant. The plant has been dump wastes
for Approximately 25 years. The waste
material consists of broken blocks, pallets,
And plastic wrapping. The Smithtown
Concrete plant has AN access to landfill,
which is not Accessible to the public.

The town is recycling ^{MOST} ~~SOME~~ of the
concrete blocks AND the plant stopped
dumping BLOCKS AND CONCRETE DIRECTLY
INTO THE LANDFILL 1 YEAR AGO.

ONLY WOOD PALLET AND PLASTIC
SHEET COVERING WENT INTO THE LANDFILL

Previous owner of site Colonial Sand
AND Stone Inc. P.O. 25, Smithtown N.Y. +
then the town of Smithtown

James T. Moore
Treasurer

Signed: James Dowling

HAZARDOUS WASTE DISPOSAL SITES REPORT
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

47-15-11(2/80)

Code: _____

Site Code: 152042

Name of Site: South Montclair Avenue Landfill Region: 1

County: Suffolk Town/City: Smithtown

Street Address: South Montclair Avenue

Status of Site Narrative: The South Montclair Avenue landfill operated from 1965 to 1971. The landfill was reported to contain broken blocks, pallets, plastic wrapping and typical household waste. The site was previously owned by Colonial Sand and Stone, Inc. Currently it is owned by Smithtown and used by the Smithtown Highway Department for brush and leaf disposal. The concrete plant adjacent to the south side of the site until 1 year ago dumped blocks and concrete directly into the landfill. The town is recycling most of the concrete blocks. Approximately 98% of the dump is filled in, with one third of the area covered with tall grass, another third used for recreational purposes (soccer fields) and the other third used for the Highway Department. The site also has methane vent pipes at the northwestern end. The town had a permit to operate a construction and demolition debris disposal site that expired in December, 1983.

Type of Site: Open Dump ☐
Landfill ☒
Structure ☐

Treatment Pond(s) ☐
Lagoon(s) ☐

Number of Ponds _____
Number of Lagoons _____

Estimated Size 20 Acres

Hazardous Wastes Disposed? Confirmed ☐ Suspected ☒

*Type and Quantity of Hazardous Wastes:

TYPE	QUANTITY (Pounds, drums, tons, gallons)
<u>Unknown</u>	<u>Unknown</u>
_____	_____
_____	_____
_____	_____
_____	_____

* Use additional sheets if more space is needed.

Name of Current Owner of Site: SmithtownAddress of Current Owner of Site: 99 W.Main St., Smithtown, NY 11787

Time Period Site Was Used for Hazardous Waste Disposal:

 , 19 65 To , 1971Is site Active ☐ Inactive ☒

(Site is inactive if hazardous wastes were disposed of at this site and site was closed prior to August 25, 1979)

Types of Samples: Air ☐ Groundwater ☐ None ☒
 Surface Water ☐ Soil ☐Remedial Action: Proposed ☐ Under Design ☐
 In Progress ☐ Completed ☐

Nature of Action:

Status of Legal Action: State ☒ Federal ☐Permits Issued: Federal ☐ Local Government ☐ SPDES ☐
 Solid Waste ☐ Mined Land ☐ Wetlands ☐ Other ☒
Permit to operate a construction and demolition debris disposal site
(expired Dec., 1983)**Assessment of Environmental Problems:**

Since there has been no reported ground water quality sampling for the site, the particular characteristics of the ground water quality underneath the site or in its proximities are unknown. The potential exists for the contamination of ground water by leachate emanating from the landfill. At least ~~no~~ public supply wells are located within a mile of the site. A domestic well is approximately 3000 ft. east of the site.

Assessment of Health Problems:

Potential for contamination of public and private drinking water wells located in the vicinity of the site.

Persons Completing this Form:

Luis RivasWoodward-Clyde Consultants, Inc.April 5, 1985New York State Department of Environmental
ConservationNew York State Department of HealthDate