Division of Hazardous Waste Remediation
Bureau of Hazardous Site Control

152159

ADDITIONS/CHANGES TO REGISTRY: SUMMARY OF APPROVALS

SITE NAME: SAG HARBOR GAS PLANT DEC I.D. NUMBER 152159 ~~152157~~

Current Classification _____

Activity: [X] Add as Class 2 [ ] Reclassify to ___ [ ] Delist Category ___ [ ] Modify ___

Approvals:

Regional Hazardous Waste Engineer	Yes	[✓]	No	[ ]	
BEEI of NYSDOH	Yes	[✓]	No	[ ]	See Attached letter from BAB to A Carlson dtd 5/29/97
DEE	Yes	[✓]	No	[ ]	
BERA Remediation Action Bureau Director [Class 2]	Yes	[✓]	No	[ ]	
BHSC: a. Investigation Section	Yes	[✓]	No	[ ]	
b. O&M Section [Class 4]	Yes	[n/a]	No	[ ]	
c. Site Control Section			Date	10/1/97	
d. Director			Date	10/2/97	

Completion Checklist		Completed By: Initials	Date
OWNER NOTIFICATION LETTER?	[✓]	___	10/28/97
ADJACENT PROPERTY OWNER NOTIFICATION LETTER?	[✓]	___	11/12/97
ENB/LEGAL NOTICE SENT? (For Deletion Only)	[ ]	___	___
COMMENTS SUMMARIZED/PLACE IN REPOSITORY	[ ]	___	___
FINAL NOTIFICATION SENT TO OWNER? (For Deletion Only)			

(For proposed Class 2a sites only) Planned investigative activities & dates: _____

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
SITE INVESTIGATION INFORMATION

1. SITE NAME	2. SITE NUMBER	3. TOWN/CITY/VILLAGE	4. COUNTY
Sag Harbor Gas Plant	152517	Sag Harbor	Suffolk

5. REGION	6. CLASSIFICATION		
1	CURRENT	PROPOSED - 2	MODIFY

7. LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location)

a. Quadrangle - Greenport

b. Site Latitude 41° 00' 10" Site Longitude 72° 17' 55"

c. Tax Map Numbers - 0903/002/02/10 (Town of Southampton/Village of Sag Harbor)

d. Site Street Address - Bridge Street, Sag Harbor, New York 11963

8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations)

Prior to 1929, a town gas plant was located on the site. Manufactured gas was made from either coal or rosin. After LILCO purchased the site, the gas plant ceased operations and a pressurized gas holder was installed. Previous investigations by USEPA and NYSDEC were conducted for the more inclusive Sag Harbor Bridge Street site.

a. Area - 0.8 acres b. EPA ID Number - NYD986869170

c. Completed ( )Phase I ( )Phase II (x) PSA ( )RI/FS (x)PA/SI ( )Other

9. Hazardous Waste Disposed (Include EPA Hazardous Waste Numbers)

Coal gas wastes that were discharged at the site have leached to the underlying groundwater. The concentration of benzene exceeds 0.5 mg/l in four of the on-site monitoring wells. This indicates that leachable benzene, in exceedence of the TCLP limit of 0.5 mg/l, is present at the site (EPA Hazardous Waste No. D018). A former crude oil tank is located near to one of the wells and may be contributing to the levels of benzene in this well (MW-5).

10. ANALYTICAL DATA AVAILABLE

a. ( )Air (x)Groundwater ( )Surface Water ( )Sediment (x)Soil ( )Waste ( )Leachate ( )EPTox ( )TCLP

b. Contravention of Standards or Guidance Values

MW-1 located adjacent to a former separating tank - 1,200 ug/l benzene, 350 ug/l toluene, 540 ug/l ethylbenzene, 630 ug/l total xylenes, and 4,331 ug/l total PAHs. MW-5 located in the former generator room and next to a former crude oil tank - 2,900 ug/l benzene, 1,400 ug/l toluene, 2,000 ug/l ethylbenzene, 2,800 ug/l total xylenes, and 12,381 ug/l total PAHs. MW-2 near the former purifying house - 5,429 ug/l total BTEX (650 ug/l benzene) and 6,246 ug/l total PAHs. MW-3 - 1,222 ug/l total BTEX (520 ug/l benzene) and 5,634 ug/l total PAHs. Surface soil sample B-4-1 - 21,924 ug/kg total BTEX and 19,080,000 ug/kg total PAHs.

11. CONCLUSION

Discharges of coal gas wastes have impacted the surface soils and underlying groundwater. The concentrations of benzene in the groundwater indicate that leachable benzene above the TCLP limit of 0.5 mg/l is present. High levels of toluene, ethylbenzene, xylenes and various polynuclear aromatic hydrocarbons (PAHs) are also present in the groundwater. The surface soils contain high levels of PAHs. Due to the shallow depth to groundwater and the volatility of some of the contaminants, there is the potential for vapors to enter nearby residential and commercial properties. Additionally, the area is prone to flooding. Flooding could result in migration of the surface contaminants. Soil samples at nearby residential properties have detected PAH contamination. However, the source of this contamination has not been established. The underlying groundwater has been used for drinking water in the past. Nearby Sag Harbor Cove could potentially receive contaminated surface runoff or groundwater discharges.

12. SITE IMPACT DATA

a. Nearest Surface Water: Distance - 100 ft.	Direction - northwest		Classification - unknown		
b. Nearest Groundwater: Depth - less than 1 ft.	Flow Direction - west or southwest		(x)Sole Source ( )Primary ( )Principal		
c. Nearest Water Supply: Distance - 1,200 ft.	Direction - southwest		Active (x)Yes ( )No		
d. Nearest Building: Distance 100 ft.	Direction - southwest		Use - residential (Harbor Close Condominiums)		
e. In State Economic Development Zone?	( )Y	(x)N	i. Controlled Site Access?	(x)Y	( )N
f. Crops or livestock on site?	( )Y	(x)N	j. Exposed hazardous waste?	(x)Y	( )N
g. Documented fish or wildlife mortality?	( )Y	(x)N	k. HRS Score _____		
h. Impact on special status fish or wildlife resource?	( )Y	(x)N	l. For Class 2: Priority Category - 2		

13. SITE OWNER'S NAME	14. ADDRESS	15. TELEPHONE NUMBER
Long Island Lighting Co. (LILCO)	175 East Old Country Rd., Hicksville, NY 11801	(516) 391-6132

16. PREPARER	17. APPROVED
Robert R Stewart 5/2/97	10/2/97
Signature Date	Signature Date
Robert R. Stewart, Environmental Engineer I, NYSDEC/DER/Region 1	Earl H. Barcomb, Director, BHSC, DER
Name, Title, Organization	Name, Title, Organization

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-7010

Bill

John P. Cahill
Commissioner

August 29, 1997

G. Anders Carlson, Ph.D.
Director
Bureau of Environmental Exposure Investigation
Room 205
NYS Department of Health
Two University Place
Albany, NY 12203-3313

Dear Dr. Carlson:

Our records show that your office has not yet forwarded recommendations to us for the sites on the enclosed list.

To assure further action is not delayed, we plan to make final Registry listing decisions on these sites by September 12, 1997. Please provide your recommendations to us by this date so that we might incorporate them into our final decisions.

Sincerely,

Earl H. Barcomb
Director
Bureau of Hazardous Site Control
Div. of Environmental Remediation

Enclosure

bcc: E. Barcomb
R. Marino
W. Bayer

WB/srh

CLASSIFICATION WORKSHEET

Site: Sag Harbor Gas Plant County: Suffolk Region 1

1. Hazardous waste disposed? ☑ Y (to 2) ☐ N (Stop) ☐ U (Stop)

2. Consequential amount of hazardous waste? ☑ Y (to 3) ☐ N (Stop) ☐ U (Stop)

3. Part 375-1.4(a)(1) applies? ☑ N (to 4) ☐ U (to 4)
☐ Y (as checked below; Class 2; to 5)

☐ a. endangered or threatened species
☐ b. streams, wetlands or coastal zone
☐ c. bioaccumulation
☐ d. fish, shellfish, crustacea or wildlife
☐ e. fire, spill, explosion or toxic reaction
☐ f. proximity to people or water supplies

4. Part 375-1.4(a)(2) applies? ☐ N (Cl 3; Stop) ☐ U (Cl 2a; Stop)
☑ Y (Class 2; to 5) A sole source aquifer is contaminated. The surface soils are contaminated.

5. Factor(s) considered in making this determination: The underlying aquifer is very shallow. Vapors are possible. Residential properties are nearby. The aquifer has been used for drinking water in the past. The area is prone to flooding. Migration of the surface contaminants to nearby properties is possible. The wastes discharged are persistent since the discharges occurred prior to 1929. A nearby saltwater may receive contaminated surface runoff and/or discharges from contaminated groundwater

SUMMARY

Consequential Hazardous Waste ☑ Yes ☐ No ☐ Unknown

Significant Threat ☑ Yes ☐ No ☐ Unknown

Proposed Classification 2 Site Number _____

5/2/97
Date

Robert A. Stewart, EEI
Signature and Title

4/28/95

NEW YORK STATE DEPARTMENTS OF ENVIRONMENTAL CONSERVATION AND HEALTH
INACTIVE HAZARDOUS WASTE DISPOSAL SITE PRIORITY RANKING WORKSHEET

SITE I.D. _____ SITE NAME Sag Harbor Gas Plant

° Priority I - Sites for which remediation should supersede all other Class 2 sites. Priority I can be assigned if any one of the following questions can be answered affirmatively.

a) Has a public or private water supply which is currently in use been contaminated or threatened?..... ☐
b) Has human exposure to contaminants (or the potential for exposure) been identified which represents a significant health risk as determined by DOH?..... ☐
c) Has bioaccumulation of site contaminants in flora or fauna resulted in a health advisory?..... ☐
d) Are site contaminants present at levels that are acutely toxic to fish or wildlife or that have caused documented fish or wildlife mortality?..... ☐
e) Is there a potentially responsible party or volunteer ready, willing and able to proceed with remediation?..... ☐

☐ (1) [If 1 or more boxes are checked, check this box]

° Priority II - Important Sites. Priority II will be assigned if any of the following questions can be answered affirmatively.

a) Has a Class A or AA surface water body or a primary or principal aquifer been contaminated or threatened without contaminating or threatening an existing water supply?..... ☑
b) Has bioaccumulation of site contaminants in flora or fauna resulted in actionable levels (but not a health advisory)?.... ☐
c) Are contaminants at levels chronically toxic to fish/wildlife?..... ☐
d) Have endangered, threatened or rare species, significant habitats, designated coastal zone or regulated wetlands been impacted by releases from the site?..... ☐

☑ (2) [If 1 or more boxes are checked, check this box]

° Priority III - will be assigned unless one or more of the site prioritization criteria, specified above, apply to a site. After remedial needs for Priority I and II sites have been accommodated, remediation of sites under this category can be considered. If priority III, check box 3. ☐ (3)

Enter the number of the priority box checked 1, 2, or 3 here..... 2 (4)
This is the site's priority rank.

FACTORS

IJC Factor - If the site has been identified by the International Joint Commission (IJC) as a component in a remedial action plan, subtract (1) from the value in box 4 and enter the result in box 5..... ☐ (5)

	Yes	No
EDZ Factor - If the site is within a New York State designated Economic Development Zone (EDZ) should this fact cause the site priority to be raised?..	☐	☐
Community Support Factor - If the site has been targeted for local government-supported development, should this fact cause the site priority to be raised?.....	☐	☐

If either "yes" box is checked, subtract 1 from the value in box 4 and enter the result into box 6. If "no" is checked, the value in box 6 equals box 4 (or box 5 if applicable). If both IJC and EDZ/Community Support factors apply, only 1 (not 2) will be subtracted form the value in box 4. The resultant value in box 6 will never be less than 1..... 2 (6)

	Yes	No
IRM NOTE: Should this site be considered a candidate for an Interim Remedial Measure (IRM) as defined by 6NYCRR Part 375-1.3n?.....	☐	☑

If "yes", please explain why: _____

Preparer Robert R. Stewart Date 5/2/97

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION 10/15/97
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

CLASSIFICATION CODE: 2 REGION: 1 SITE CODE: 152159
EPA ID: NYD986869170

NAME OF SITE : Sag Harbor Gas Plant
STREET ADDRESS: Bridge Street

TOWN/CITY:	COUNTY:	ZIP:
Sag Harbor	Suffolk	11963

SITE TYPE: Open Dump- Structure-X Lagoon- Landfill- Treatment Pond-
ESTIMATED SIZE: 0.8 Acres

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER NAME....: Long Island Lighting Co. (LILCO)
CURRENT OWNER ADDRESS.: 175 East Old Country Rd., Hicksville, NY
OWNER(S) DURING USE...: Multiple Owners
OPERATOR DURING USE...: Multiple Operators
OPERATOR ADDRESS.....: ,
PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From 1859 To 1929

SITE DESCRIPTION:
Betweeb 1859 and 1929, a town gas plant was operated on this 0.8 acre site. Manufactured gas was made from either coal or rosin. After LILCO purchased the site in 1929, the gas plant ceased operations and a pressurized gas holder was installed.
The site was originally studied by the NYSDEC and the USEPA under the more inclusive Sag Harbor Bridge Site. The Bridge Street area was first identified as an area of concern in 1987 when Suffolk County Water Authority personnel discovered environmental contamination when performing an excavation on Bridge Street. It is unknown whether the former Sag Harbor Gas Plant was the source of this contamination.
Manufactured gas wastes, consisting primarily of aromatic volatile orgnanics and polycyclic aromatic hydrocarbons, have been found on LILCO"s parcel. The surface soils and the underlying groundwater have been impacted.
Three separate studies were completed by USEPA in 1988, 1989, and 1990. A State funded Preliminary Site Assessment (PSA) was completed in 1993.
The results of an 1996 LILCO funded investigation, which included the construction and sampling of 6 monitoring wells on the LILCO parcel, has recently been provided to the NYSDEC and resulted in the listing of this parcel. Discharges of coal gas wastes have impacted the surface soils and underlying groundwater. The concentrations of benzene in the groundwater indicate that leachable benzene above the TCLP limit of 0.5 mg/l is present. High levels of toluene, ethylbenzene, xylenes and various polynuclear aromatic hydrocarbons (PAHs) are also present in the groundwater. Surface soils also contain high levels of PAHs.

HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY (units)
benzene (D018) Waste	unknown

SITE CODE: 152159

ANALYTICAL DATA AVAILABLE:
Air- Surface Water- Groundwater-X Soil-X Sediment-

CONTRAVENTION OF STANDARDS:
Groundwater-X Drinking Water- Surface Water- Air-

LEGAL ACTION:

TYPE..: State- Federal-
STATUS: Negotiation in Progress- Order Signed-

REMEDIAL ACTION:

Proposed- Under design- In Progress- Completed-
NATURE OF ACTION:

GEOTECHNICAL INFORMATION:
SOIL TYPE: lend and gravel
GROUNDWATER DEPTH: less than 1 ft.

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

The underlying groundwater is contaminated primarily by aromatic volatile organics and various polycyclic aromatic hydrocarbons at concentrations above groundwater standards. A groundwater plume may pass beneath nearby properties. Because groundwater is only a few feet below ground surface, vapors eminating from groundwater are possible.

ASSESSMENT OF HEALTH PROBLEMS:

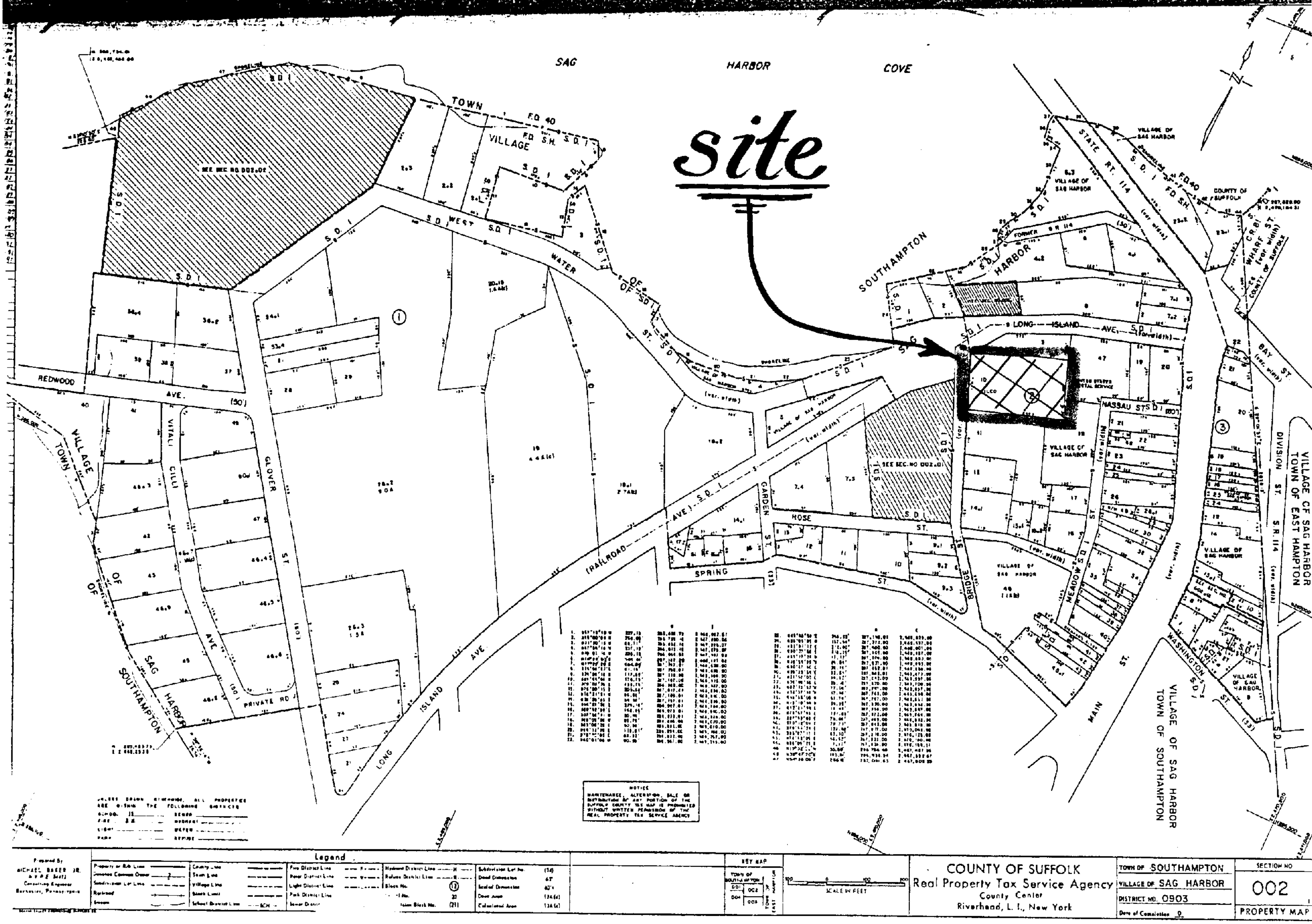
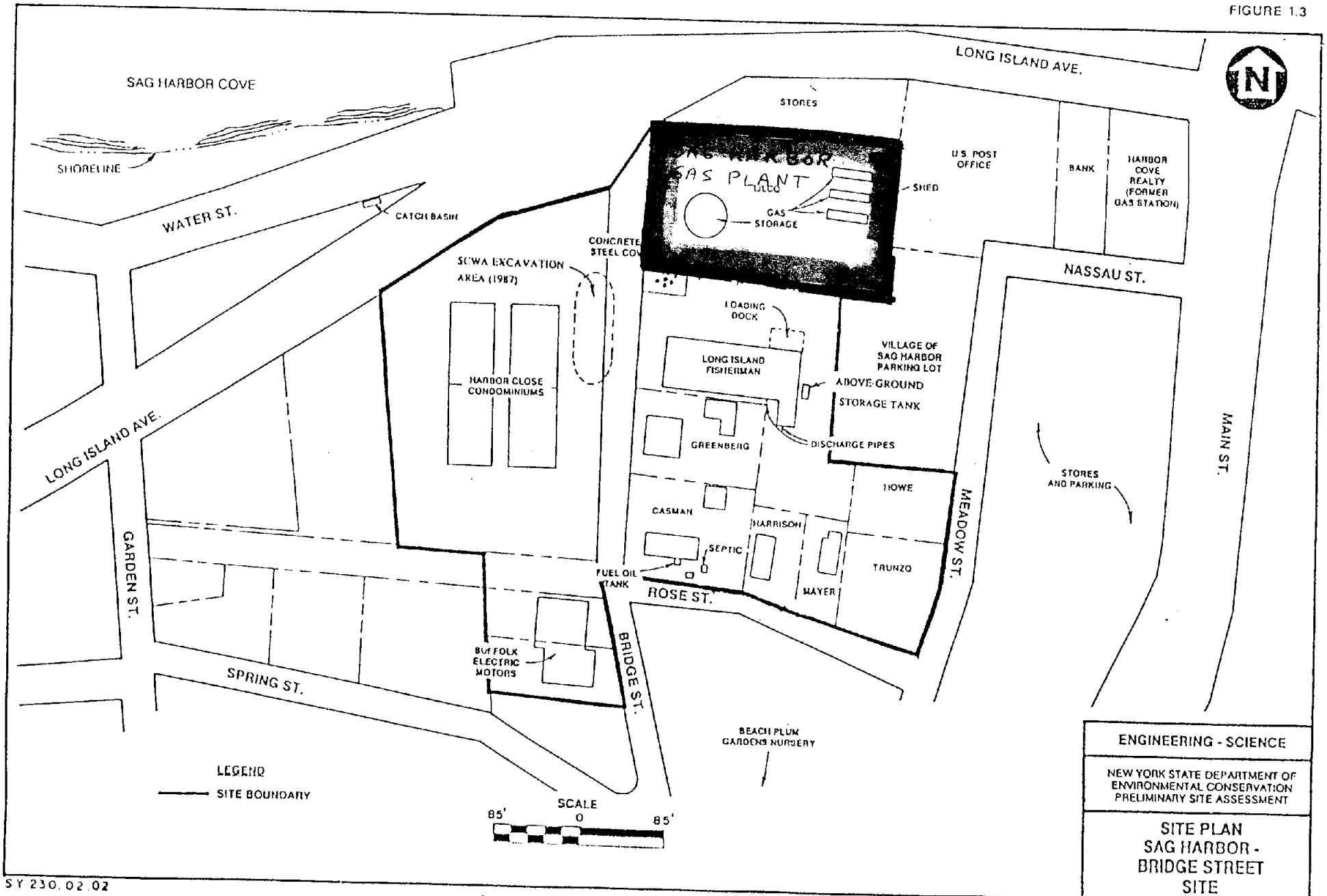
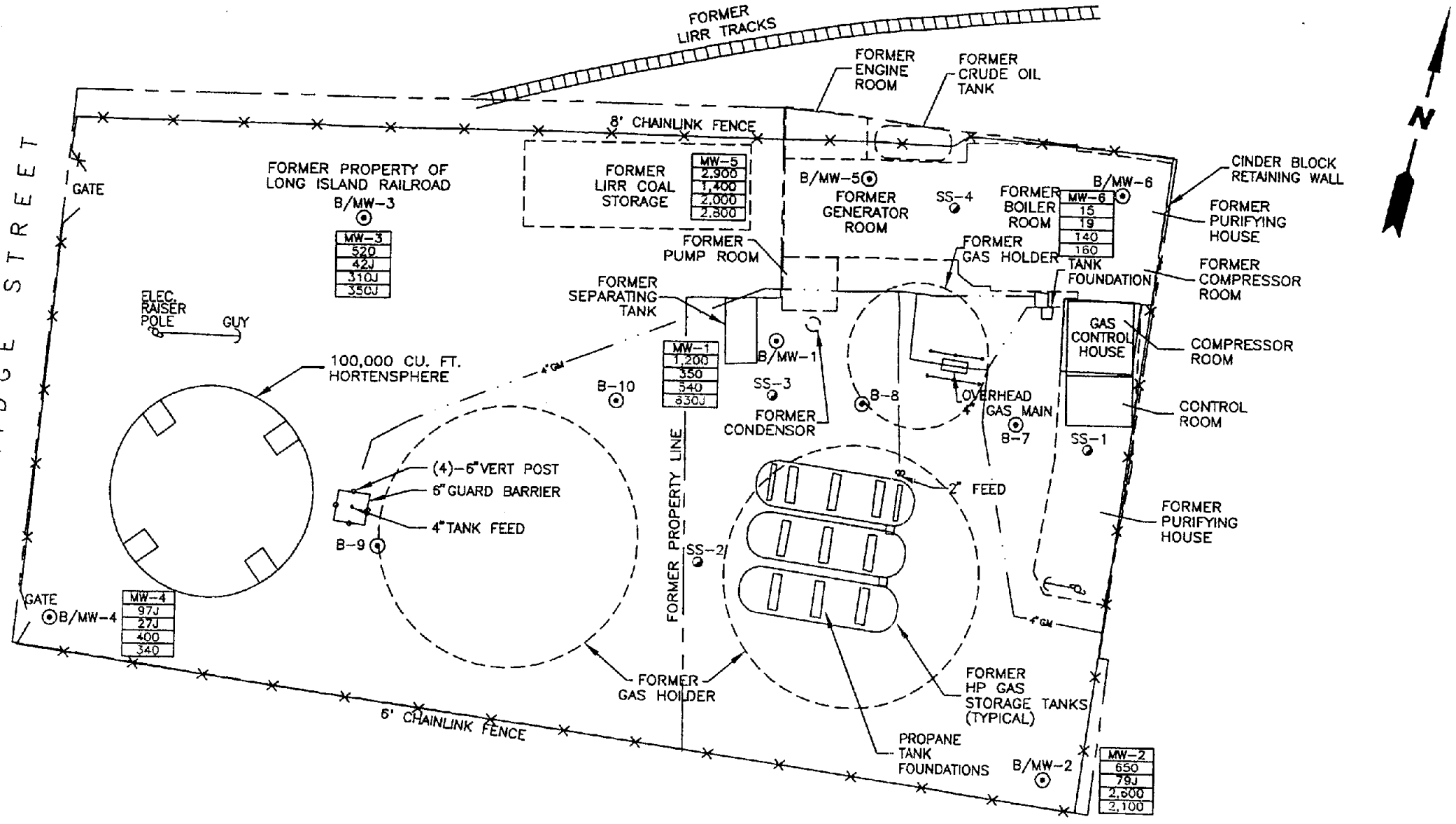

site
SAG HARBOR COVE
VILLAGE OF SAG HARBOR
TOWN OF EAST HAMPTON
VILLAGE OF SAG HARBOR
TOWN OF SOUTHAMPTON
DIVISION ST.
S.R. 114
STATE RT. 114
BAY ST.
WHARF ST.
MAIN ST.
WASHINGTON ST.
MEADOW ST.
NASSAU ST.
BRIDGE ST.
LONG ISLAND AVE.
HOSE ST.
GARDEN ST.
SPRING ST.
WEST WATER ST.
GLOVER ST.
REDWOOD AVE.
VITALI CILLI AVE.
PRIVATE RD.
LONG ISLAND AVE. (RAILROAD)
SEE SEC. NO 002.01
SEE SEC. NO 002.02
NOTICE
MAINTENANCE, ALTERATION, SALE OR DISTRIBUTION OF ANY PORTION OF THE SUFFOLK COUNTY TAX MAP IS PROHIBITED WITHOUT WRITTEN PERMISSION OF THE REAL PROPERTY TAX SERVICE AGENCY
Legend
KEY MAP
SCALE IN FEET
COUNTY OF SUFFOLK
Real Property Tax Service Agency
County Center
Riverhead, L. I., New York
TOWN OF SOUTHAMPTON
VILLAGE OF SAG HARBOR
DISTRICT NO. 0903
SECTION NO
002
PROPERTY MAP

FIGURE 1.3



ENGINEERING-SCIENCE



LEGEND

- ⊙ BORING / MONITORING WELL
- ◕ SOIL SURFACE SAMPLE
- -×-×- CHAIN LINK FENCE
- J ESTIMATED VALUE

MW-2	WELL NAME
650	BENZENE (ug/L)
79J	TOLUENE (ug/L)
2,600	ETHYLBENZENE (ug/L)
2,100	XYLENE (ug/L)

BASE MAP SOURCE: LONG ISLAND LIGHTING CO.

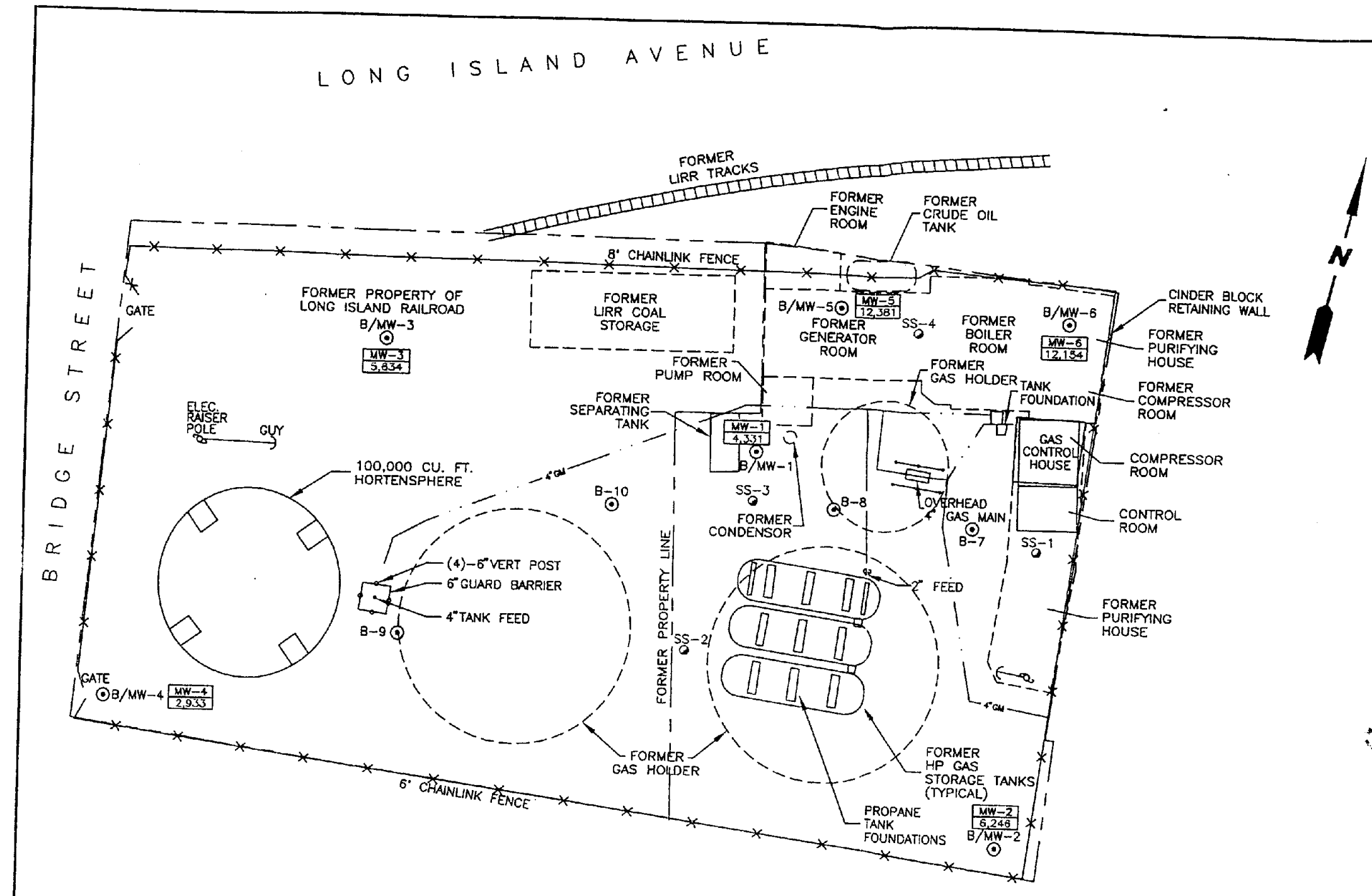
0 30 60
SCALE FEET
APPROXIMATE SCALE

GROUNDWATER TECHNOLOGY
1245 KINGS ROAD
SCHENECTADY, NY 12303
(518) 370-5631

REV. NO.:	DRAWING DATE:	ACAD FILE:
	1/22/96	DBTEX4-5

BTEX CONCENTRATIONS IN GROUNDWATER [ug/L]

CLIENT: LONG ISLAND LIGHTING CO.		PM: RAH
LOCATION: BRIDGE STREET, SAG HARBOR, NEW YORK		PE/RG: CW
DESIGNED: ---	DETAILED: GMC	PROJECT NO.: 01111-0118
		FIGURE: 4-5



LEGEND

- BORING / MONITORING WELL
- SOIL SURFACE SAMPLE
- CHAIN LINK FENCE
- MW-2 / 6,246 — WELL NAME / TOTAL PAH (ug/L)

BASE MAP SOURCE: LONG ISLAND LIGHTING CO.

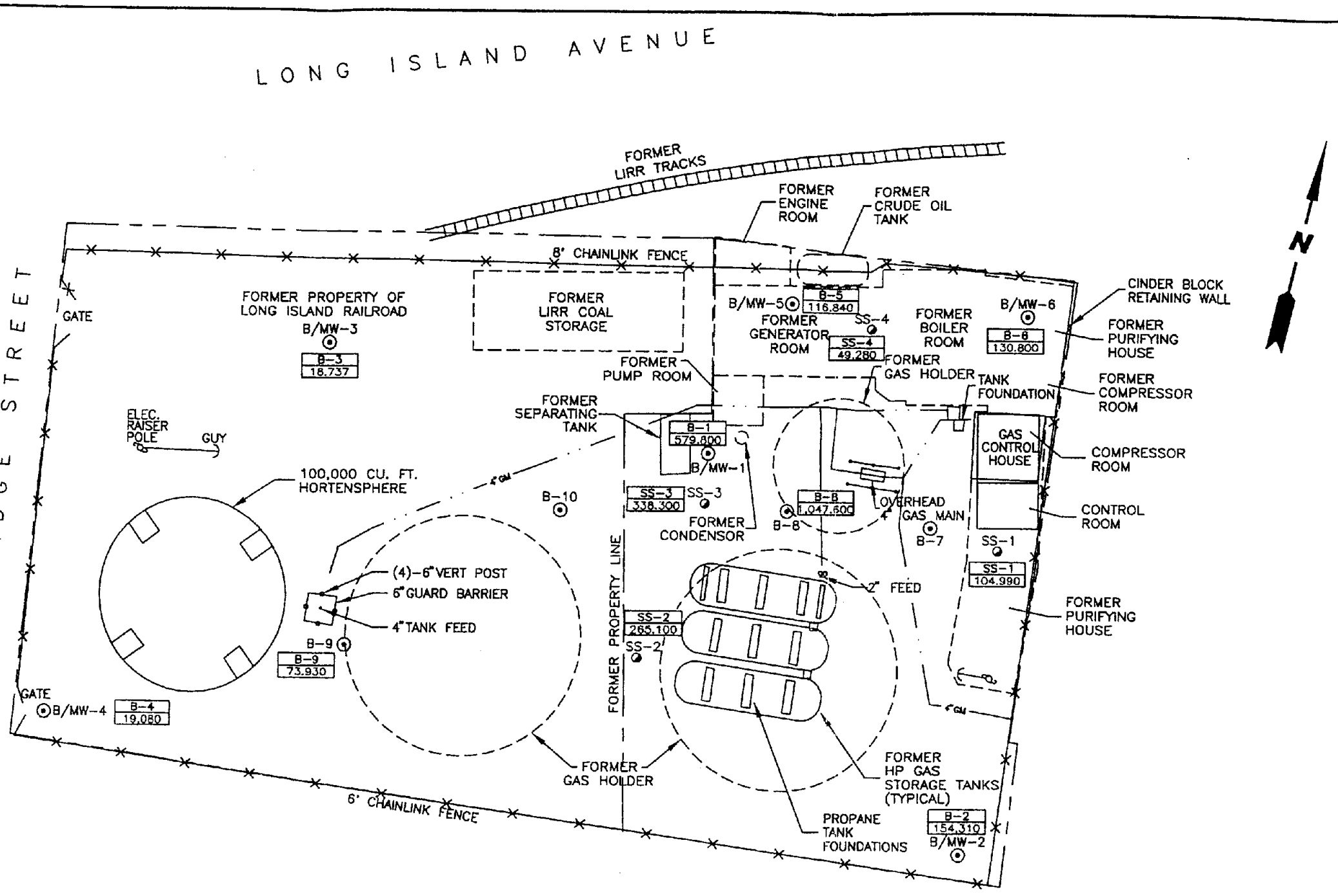
0 30 60
SCALE FEET
APPROXIMATE SCALE

GROUNDWATER TECHNOLOGY	1245 KINGS ROAD SCHENECTADY, NY 12303 (518) 370-5631

REV. NO.:	DRAWING DATE:	ACAD FILE:
	1/22/96	DBPAH4-6

TOTAL PAH CONCENTRATIONS IN GROUNDWATER [ug/L]

CLIENT: LONG ISLAND LIGHTING CO.		PM: RAH
LOCATION: BRIDGE STREET SAG HARBOR, NEW YORK		PE/RG: CW
DESIGNED: ---	DETAILED: GMC	PROJECT NO.: 01111-0118
		FIGURE: 4-6



LEGEND

- ⊙ BORING / MONITORING WELL
- ◕ SOIL SURFACE SAMPLE
- —×—×— CHAIN LINK FENCE
- J ESTIMATED VALUE
- B-4 / 19,080 WELL NAME / TOTAL PAH (mg/Kg)

BASE MAP SOURCE: LONG ISLAND LIGHTING CO.

0 30 60
SCALE FEET
APPROXIMATE SCALE

MEADOW STREET

GROUNDWATER TECHNOLOGY
1245 KINGS ROAD
SCHENECTADY, NY 12303
(518) 370-5631

REV. NO.:	DRAWING DATE:	ACAD FILE:
	1/22/96	DBPAH4-2

TOTAL PAH CONCENTRATIONS IN SURFACE SOIL SAMPLES (mg/Kg)

CLIENT:		PM:
LONG ISLAND LIGHTING CO.		RAH
LOCATION: BRIDGE STREET, SAG HARBOR, NEW YORK		PE/RG: CW
DESIGNED: ---	DETAILED: GMC	PROJECT NO.: 01111-0118
		FIGURE: 4-2

02-8907-2

02-8907-29-LI
REV. NO. 1

FINAL DRAFT LISTING SITE INSPECTION REPORT
SAG HARBOR - BRIDGE STREET
SAG HARBOR, NEW YORK
VOLUME I

PREPARED UNDER
TECHNICAL DIRECTIVE DOCUMENT NO. 02-8907-29
CONTRACT NO. 68-01-7346

FOR THE

ENVIRONMENTAL SERVICES DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

FEBRUARY 22, 1990

NUS CORPORATION
SUPERFUND DIVISION

SUBMITTED BY:

Joseph Mayo

JOSEPH MAYO
PROJECT MANAGER

REVIEWED/APPROVED BY:

Ronald M Naman

RONALD M. NAMAN
FIT OFFICE MANAGER

The judgmental soil sample collected adjacent to the vegetable garden on the Casman property showed the presence of six PAHs ranging in concentration from 1,800 to 10,000 ug/kg and having a total concentration of 37,800 ug/kg. In addition, the sample contained lead at the notable concentration of 2,620 mg/kg. This lead level is approximately three times greater than the maximum lead concentration found in natural soils. There is no known source to which the lead concentration in the sample can be attributed. The PAHs found on the Casman property were also found on the LILCO and LIF properties.

Only one compound, butylbenzylphthalate, was detected in the judgmental soil sample (at a concentration of 590 ug/kg) on the Greenberg property. The concentration of this compound was estimated and it is not known to be associated with the site.

One of the two judgmental samples collected from the HCC property contained benzo(b)fluoranthene at a concentration of 4,200 ug/kg and the other sample contained lead at a concentration of 1,870 mg/kg. Benzo(b)fluoranthene was also detected in samples from the LILCO and LIF properties. The lead concentration in the sample is more than two times greater than the maximum lead concentration typically found in natural soils. It should be noted that both samples were collected adjacent to Bridge Street and that PAH and lead levels are typically elevated adjacent to roadways.

The only substance detected at a concentration significantly above background in the judgmental soil sample and duplicate judgmental soil sample from the Howe property was copper. Copper was detected in the soil sample and the duplicate soil sample at concentrations of 2720 mg/kg and 1,000 mg/kg, respectively. Copper is not known to be associated with any sources from the site. The sample was collected near the intersection of the Howe, LIF, and parking lot properties.

3.5 WASTE SOURCE SUMMARY

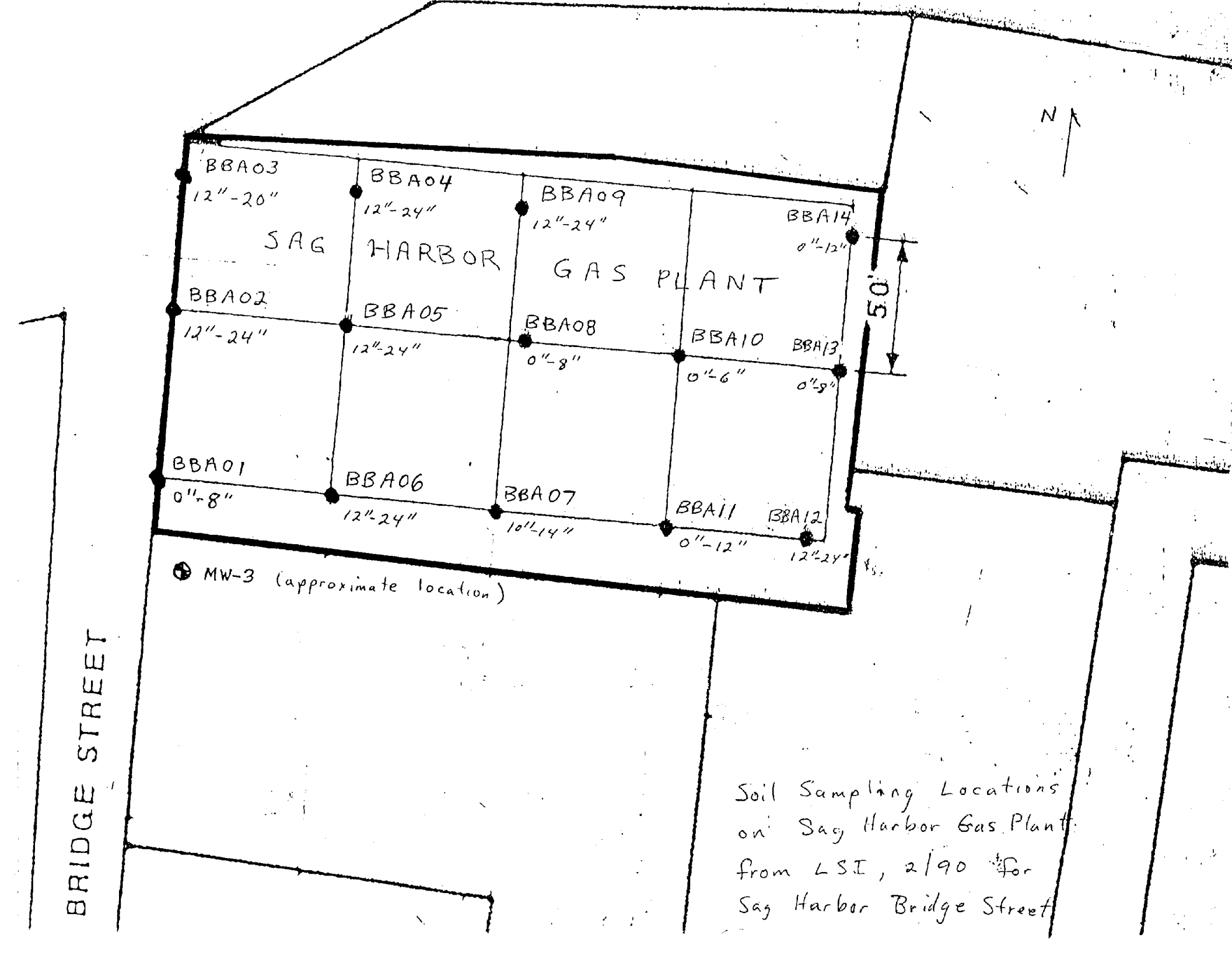
This section provides a comprehensive description of the waste/source areas associated with the SHBS Site. The waste source area description is based on information collected during the PA, SSI, and LSI investigations and any other investigations that were conducted at the site.

Nonsampling waste source information gathered during the PA and SSI indicated that a town gas plant operated on the property that is currently the LILCO facility and that an oil spill occurred on the LIF property. Field observations during the SSI indicated that the soil in the vicinity of the LIF oil tank appeared stained. SCWA personnel reported skin irritation while excavating a trench on Bridge Street.

In a study conducted by Storch Associates, a sample from a boring (B-1) near the border of the LIF and LILCO properties showed the presence of benzene, toluene, ethylbenzene, styrene, xylenes, pesticides, and petroleum hydrocarbons. Ethylbenzene and total xylenes were also detected at concentrations significantly above background in samples collected from the LILCO and LIF properties. These compounds are typically associated with petroleum products; however, xylenes, benzene, and toluene are also known to be associated with gas plant tars.

A wide range of PAH compounds were detected at concentrations significantly above background in grid soil samples collected from the LILCO and LIF properties during the LSI. A number of PAHs were also detected in soil samples collected from the LILCO and LIF properties during the SSI. PAHs were also detected in samples collected from other properties during the SSI, but fewer PAHs were detected in these samples and the concentrations were lower. Similarly, PAHs detected in soil samples collected from the LILCO and LIF properties during the LSI were generally larger in number and higher in concentration than the PAHs detected in samples from other properties in the area. In fact, only two samples collected during the LSI (Casman property and HCC property) showed the presence of any PAHs at concentrations exceeding background levels. Most of the soil samples collected during the SSI and LSI contained more than one of the PAHs that are typically found in manufactured gas plant tars. On the basis of the SSI and LSI sampling results, the LILCO and LIF properties are considered to be contaminated with PAHs at concentrations significantly above background. In addition, many of the PAH compounds detected on these two properties are associated with manufactured gas plant tars. Therefore, the source area is 84,000 ft^2 and it consists of the LILCO, LIF, and Casman properties.

Soil samples were collected on the Greenberg property to confirm the presence of PCBs, which were detected at estimated concentrations in samples collected during the SSI. Analytical results for soil samples collected from the Greenberg property during the LSI did not show the presence of any PCBs. However, PCBs, identified as the commercial mixture Aroclor-1260, were detected in one sample collected from the LILCO property.



Soil Sampling Locations on Sag Harbor Gas Plant from LSI, 2/90 for Sag Harbor Bridge Street

TABLE B-1
SURFACE SOIL ANALYTICAL RESULTS
SAG HARBOR

LOCATION		B-1-1	B-2-1	B-3-1	B-4-1	B-5-1	B-6-1
DATE COLLECTED		11/13/95	11/13/95	11/13/95	11/13/95	11/13/95	11/13/95
PARAMETER	UNITS						
BTEX							
Benzene	ug/Kg	9 J	14	12 U	64	180 J	12 U
Toluene	ug/Kg	2 J	1 J	12 U	660 J	1400 U	12 U
Ethylbenzene	ug/Kg	13 U	5 J	12 U	9200	3100	12 U
Xylene (total)	ug/Kg	10 J	42	12 U	12000	3800	12 U
TOTAL BTEX		21	62	ND	21924	7080	ND
PAHs							
Acenaphthene	ug/Kg	26000 UJ	4500 U	67 J	1500000 J	7800	12000 U
Acenaphthylene	ug/Kg	25000 J	3000 J	440	140000 J	4000 U	3400 J
Anthracene	ug/Kg	7700 J	870 J	140 J	690000 J	6400	12000 U
Benzo(a)anthracene	ug/Kg	39000 J	6500	1300	780000 J	6000	5300 J
Benzo(a)pyrene	ug/Kg	100000 J	19000	2300	650000 J	5800	16000
Benzo(b)fluoranthene	ug/Kg	60000 J	14000	1200	340000 J	3300 J	9100 J
Benzo(g,h,i)perylene	ug/Kg	57000 J	33000	1400	240000 J	6100	29000
Benzo(k)fluoranthene	ug/Kg	50000 J	11000	1400	450000 J	2400 J	7100 J
Chrysene	ug/Kg	46000 J	15000	1400	750000 J	7300	7100 J
Dibenz(a,h)anthracene	ug/Kg	4900 J	1900 J	110 J	820000 R	740 J	1500 J
Fluoranthene	ug/Kg	35000 J	4100 J	1900	1600000 J	6600	3800 J
Fluorene	ug/Kg	2700 J	4500 U	110 J	720000 J	6200	12000 U
Indeno(1,2,3-cd)pyrene	ug/Kg	69000 J	34000	1700	300000 J	4600	24000
Naphthalene	ug/Kg	9500 J	940 J	310 J	5000000 J	8600	1600 J
Phenanthrene	ug/Kg	10000 J	1200 J	460	2600000 J	27000	1700 J
Pyrene	ug/Kg	64000 J	9800	2500	2500000 J	18000	9200 J
TOTAL PAHs		579800	154310	16737	19080000	116840	130800

TABLE B-1
SURFACE SOIL ANALYTICAL RESULTS
SAG HARBOR

LOCATION		B-8	B-9	SS-1	SS-2	SS-3	SS-4
DATE COLLECTED		11/14/95	11/14/95	11/13/95	11/14/95	11/13/95	11/13/95
PARAMETER	UNITS						
BTEX							
Benzene	ug/Kg	2 J	32	13 U	11 U	12 U	11 U
Toluene	ug/Kg	13 U	3 J	13 U	11 U	12 U	11 U
Ethylbenzene	ug/Kg	13 U	12 U	13 U	11 U	12 U	11 U
Xylene (total)	ug/Kg	13 U	11 J	13 U	11 U	12 U	11 U
TOTAL BTEX		2	46	ND	ND	ND	ND
PAHs							
Acenaphthene	ug/Kg	13000 J	4100 UJ	4400 U	2300 J	12000 U	3800 U
Acenaphthylene	ug/Kg	28000 J	3800 J	2800 J	23000	10000 J	1500 J
Anthracene	ug/Kg	12000 J	1400 J	980 J	10000	2700 J	680 J
Benzo(a)anthracene	ug/Kg	85000	3800 J	9600	19000	23000	4600
Benzo(a)pyrene	ug/Kg	120000	12000 J	10000	23000	52000	5200
Benzo(b)fluoranthene	ug/Kg	79000	5500 J	9600	17000	33000 J	3600 J
Benzo(g,h,i)perylene	ug/Kg	74000	8500 J	7600	9500 J	32000	3200 J
Benzo(k)fluoranthene	ug/Kg	82000	7400 J	6300	20000	22000	3100 J
Chrysene	ug/Kg	98000	5800 J	11000	21000	29000	5500
Dibenz(a,h)anthracene	ug/Kg	7100 J	720 J	1100 J	2000 J	3600 J	3800 U
Fluoranthene	ug/Kg	110000	3300 J	9800	24000	20000	5000
Fluorene	ug/Kg	8500 J	770 J	4400 U	9000 J	12000 U	3800 U
Indeno(1,2,3-cd)pyrene	ug/Kg	95000	13000 J	13000	28000	58000	4600
Naphthalene	ug/Kg	14000 J	740 J	610 J	1300 J	1400 J	3800 U
Phenanthrene	ug/Kg	22000 J	2200 J	3600 J	12000	3600 J	2600 J
Pyrene	ug/Kg	200000	5000 J	19000	44000	48000	9700
TOTAL PAHs		1047600	73930	104990	265100	338300	49280

TABLE B-3
GROUNDWATER ANALYTICAL RESULTS
SAG HARBOR

Location		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Date Sampled		11/21/95	11/21/95	11/21/95	11/21/95	11/21/95	11/21/95
PARAMETER	UNITS						
BTEX							
Benzene	ug/L	1200	650	520	97 J	2900	15
Toluene	ug/L	350 D	79 J	42 J	27 J	1400	19
Ethylbenzene	ug/L	540	2600	310 J	400	2000	140
Xylene (total)	ug/L	630 J	2100	350 J	340	2800	160
TOTAL BTEX		2720	5429	1222	864	9100	334
PAHs							
Acenaphthene	ug/L	430 J	240 J	220 J	190 J	360 J	250 J
Acenaphthylene	ug/L	17	12	10 U	800 U	51	8 J
Anthracene	ug/L	58 J	55	10 U	32	140 J	800 R
Benzo(a)anthracene	ug/L	22	33	1 J	11	71	800 R
Benzo(a)pyrene	ug/L	16	800 R	10 U	8 J	58	800 R
Benzo(b)fluoranthene	ug/L	8 J	12	10 U	4 J	29	800 U
Benzo(g,h,i)perylene	ug/L	3 J	6 J	10 U	2 J	9 J	800 R
Benzo(k)fluoranthene	ug/L	11	18	10 U	5 J	39	800 R
Chrysene	ug/L	22	29	1 J	11	66	800 R
Dibenz(a,h)anthracene	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Fluoranthene	ug/L	74 R	79	7 J	33	170 J	800 R
Fluorene	ug/L	170 J	93 J	10 U	94 J	180 J	86 J
Indeno(1,2,3-cd)pyrene	ug/L	3 J	5 J	10 U	2 J	8 J	800 J
Naphthalene	ug/L	2600 J	3800 J	5400 J	2400 J	9300 J	3700 J
Phenanthrene	ug/L	300 J	200 J	10 U	110 J	630 J	110 J
Pyrene	ug/L	97 J	64	5 J	31	270 J	800 R
TOTAL PAHs		4331	6246	5634	2933	12381	12154

TABLE B-3
GROUNDWATER ANALYTICAL RESULTS
SAG HARBOR

Location		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Date Sampled		11/21/95	11/21/95	11/21/95	11/21/95	11/21/95	11/21/95
PARAMETER	UNITS						
SEMI-VOLATILE ORGANICS (Cont.)							
bis(2-Chloroethoxy)methane	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
bis(2-Chloroethyl)Ether	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
bis(2-Ethylhexyl)phthalate	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Butylbenzylphthalate	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Carbazole	ug/L	17	2 J	10 U	5 J	12	800 R
Dibenzofuran	ug/L	15	5 J	10 U	9 J	5 J	10
Diethylphthalate	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Dimethylphthalate	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Di-n-butylphthalate	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Di-n-octylphthalate	ug/L	500 R	800 R	10 U	10 U	1000 R	800 U
Hexachlorobenzene	ug/L	500 R	800 U	10 U	10 U	1000 R	800 R
Hexachlorobutadiene	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Hexachlorocyclopentadiene	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Hexachloroethane	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Isophorone	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Nitrobenzene	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
N-Nitroso-di-n-propylamine	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
N-Nitrosodiphenylamine	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Pentachlorophenol	ug/L	1200 U	2000 R	25 U	25 U	2500 R	2000 R
Phenol	ug/L	500 U	800 R	10 U	10 U	1000 R	800 R

LONG ISLAND LIGHTING COMPANY
445 BROAD HOLLOW ROAD · MELVILLE, NEW YORK 11747

February 6, 1997

Mr. Robert R. Stewart
Environmental Engineer I
New York State Department of
Environmental Conservation
Building 40 - SUNY Stony Brook
Stony Brook, NY 1790-2356

Sag Harbor-Bridge Street Site - LILCO Parcel

Dear Mr. Stewart:

Pursuant to our past discussions, I am forwarding to you analytical data which was collected as part of a Phase I site investigation of the Company's former Sag Harbor Manufactured Gas Plant (MGP) site.

The data provided includes:

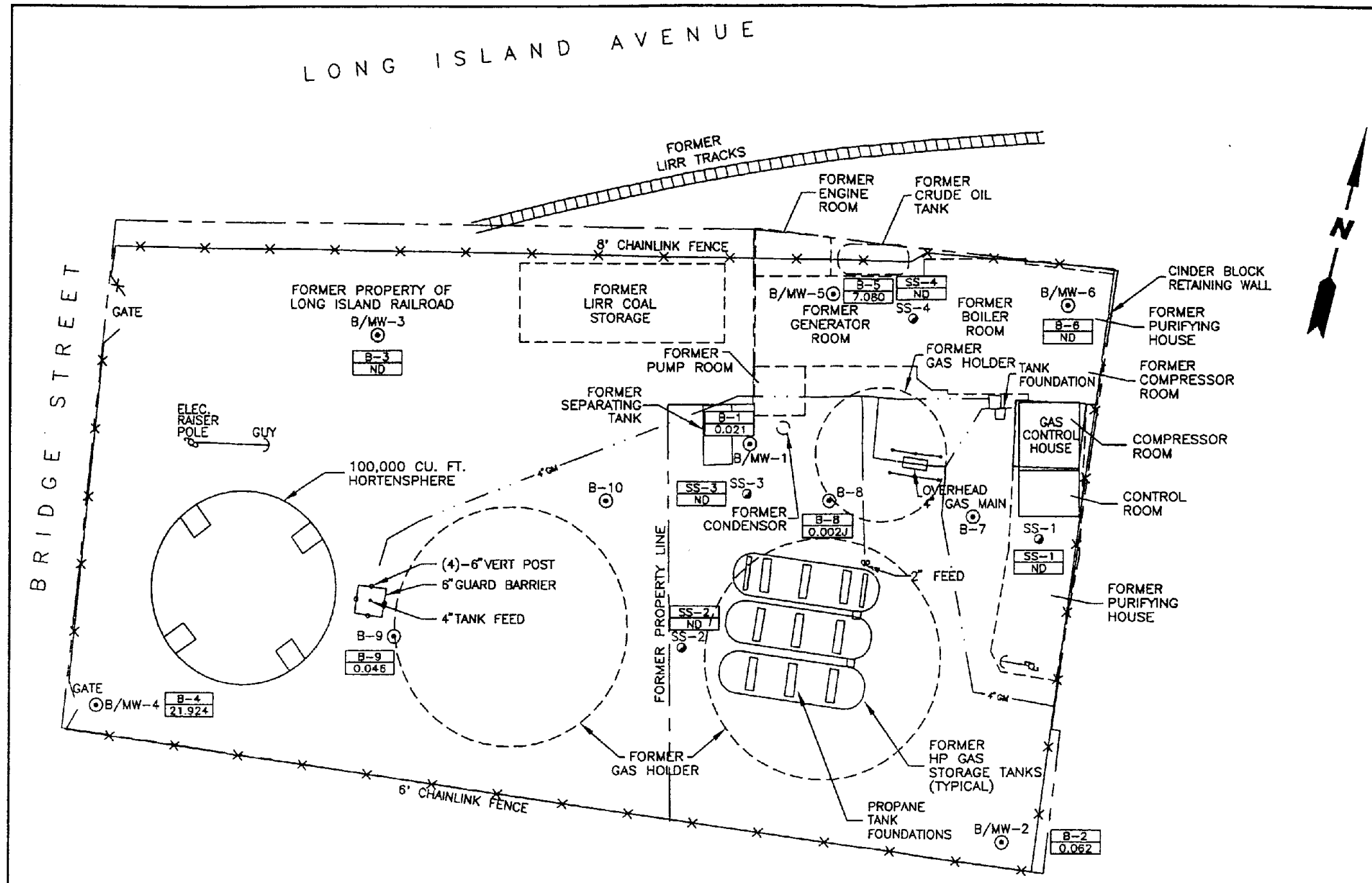
- Figure 4-1, Total BTEX Concentrations in Surface Soil
- Figure 4-2, Total PAH Concentrations in Surface Soil Samples
- Figure 4-3, Total BTEX Concentrations in Subsurface Soil
- Figure 4-4, Total PAH Concentrations in Subsurface Soil Samples
- Figure 4-5, BTEX Concentrations in Groundwater
- Figure 4-6, Total PAH Concentrations in Groundwater
- Validated Analytical Data in support of the above Figures

The Company is providing this data in support of your effort to reconsider the status of the Sag Harbor-Bridge Street Site. Notwithstanding this submittal, the Company does not agree with relisting the site on the Registry of Inactive Hazardous Waste Sites. The Department has previously evaluated the Sag Harbor-Bridge Street Site and found only low levels of contamination which warranted delisting from the Registry.

Please contact the undersigned at (516) 391-6144 if you have any questions regarding the data provided or the Company's parcel.

Theodore O. Leissing
Environmental Engineering Department

TOL/
Attachments



LEGEND

- ⊙ BORING / MONITORING WELL
- ◕ SOIL SURFACE SAMPLE
- —×—×— CHAIN LINK FENCE
- ND NOT DETECTED
- J ESTIMATED VALUE
- B-8 / 0.002J WELL NAME / TOTAL BTEX (mg/Kg)

BASE MAP SOURCE: LONG ISLAND LIGHTING CO.

0 30 60
SCALE FEET
APPROXIMATE SCALE

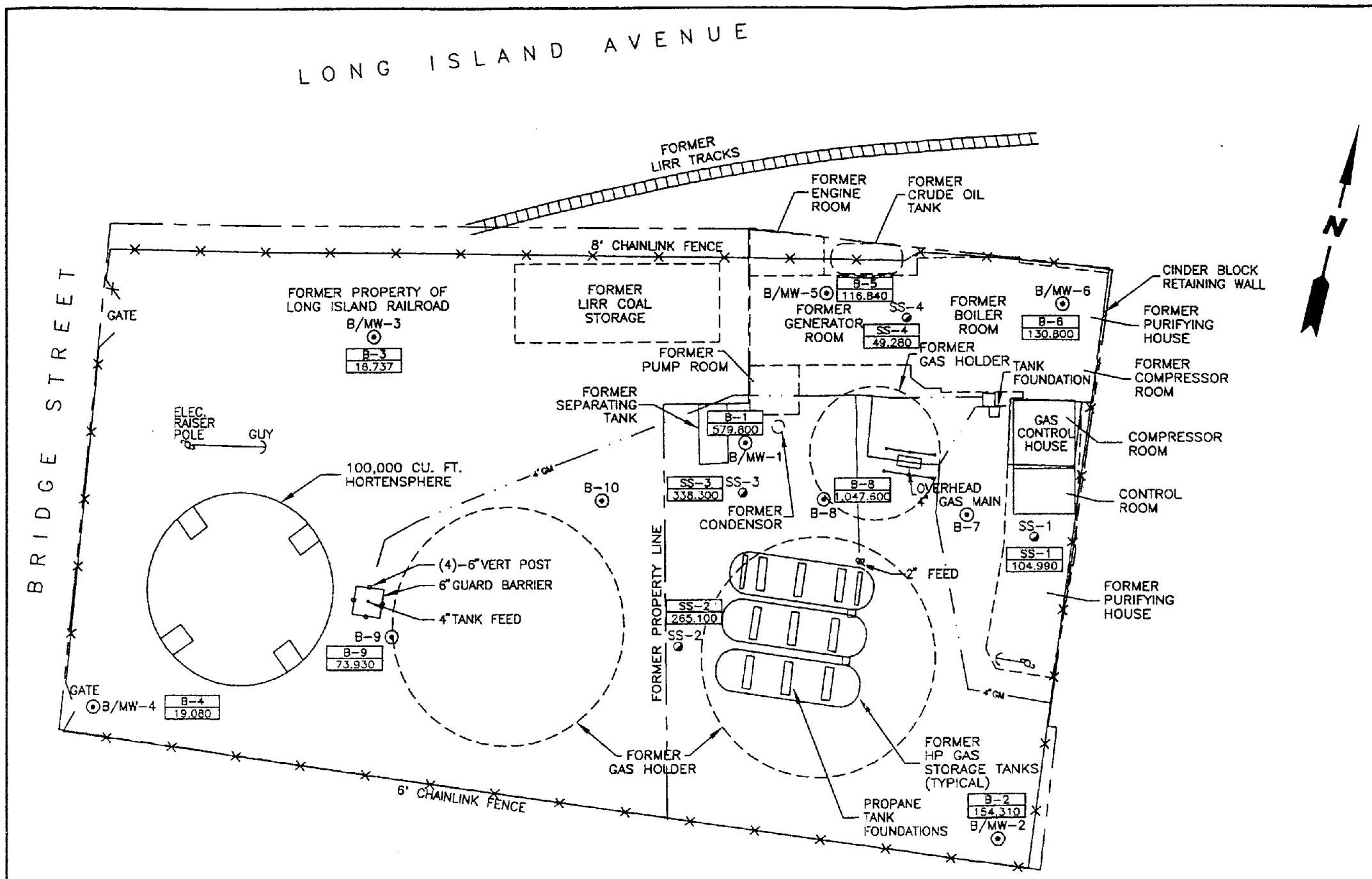
GROUNDWATER TECHNOLOGY
1245 KINGS ROAD
SCHENECTADY, NY 12303
(518) 370-5631

REV. NO.:	DRAWING DATE:	ACAD FILE:
	1/22/96	DBTEX4-1

TOTAL BTEX CONCENTRATIONS IN SURFACE SOIL (mg/Kg)

CLIENT:	PM:
LONG ISLAND LIGHTING CO.	RAH
LOCATION: BRIDGE STREET, SAG HARBOR, NEW YORK	PE/RG: CW

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
---	GMC	01111-0118	4-1



LEGEND

- ⊙ BORING / MONITORING WELL
- ◕ SOIL SURFACE SAMPLE
- -x-x- CHAIN LINK FENCE
- J ESTIMATED VALUE
- B-4 / 19,080 WELL NAME / TOTAL PAH (mg/Kg)

BASE MAP SOURCE: LONG ISLAND LIGHTING CO.

0 30 60
SCALE FEET
APPROXIMATE SCALE

MEADOW STREET

GROUNDWATER TECHNOLOGY
1245 KINGS ROAD
SCHENECTADY, NY 12303
(518) 370-5631

REV. NO.:	DRAWING DATE:	ACAD FILE:
	1/22/96	DBPAH4-2

TOTAL PAH CONCENTRATIONS IN SURFACE SOIL SAMPLES (mg/Kg)

CLIENT:	PM:
LONG ISLAND LIGHTING CO.	RAH
LOCATION: BRIDGE STREET, SAG HARBOR, NEW YORK	PE/RG: CW

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
---	GMC	01111-0118	4-2

TABLE B-1
SURFACE SOIL ANALYTICAL RESULTS
SAG HARBOR

LOCATION		B-1-1	B-2-1	B-3-1	B-4-1	B-5-1	B-6-1
DATE COLLECTED		11/13/95	11/13/95	11/13/95	11/13/95	11/13/95	11/13/95
PARAMETER	UNITS						
BTEX							
Benzene	ug/Kg	9 J	14	12 U	64	180 J	12 U
Toluene	ug/Kg	2 J	1 J	12 U	660 J	1400 U	12 U
Ethylbenzene	ug/Kg	13 U	5 J	12 U	9200	3100	12 U
Xylene (total)	ug/Kg	10 J	42	12 U	12000	3800	12 U
TOTAL BTEX		21	62	ND	21924	7080	ND
PAHs							
Acenaphthene	ug/Kg	26000 UJ	4500 U	67 J	1500000 J	7800	12000 U
Acenaphthylene	ug/Kg	25000 J	3000 J	440	140000 J	4000 U	3400 J
Anthracene	ug/Kg	7700 J	870 J	140 J	690000 J	6400	12000 U
Benzo(a)anthracene	ug/Kg	39000 J	6500	1300	780000 J	6000	5300 J
Benzo(a)pyrene	ug/Kg	100000 J	19000	2300	650000 J	5800	16000
Benzo(b)fluoranthene	ug/Kg	60000 J	14000	1200	340000 J	3300 J	9100 J
Benzo(g,h,i)perylene	ug/Kg	57000 J	33000	1400	240000 J	6100	29000
Benzo(k)fluoranthene	ug/Kg	50000 J	11000	1400	450000 J	2400 J	7100 J
Chrysene	ug/Kg	46000 J	15000	1400	750000 J	7300	7100 J
Dibenz(a,h)anthracene	ug/Kg	4900 J	1900 J	110 J	820000 R	740 J	1500 J
Fluoranthene	ug/Kg	35000 J	4100 J	1900	1600000 J	6600	3800 J
Fluorene	ug/Kg	2700 J	4500 U	110 J	720000 J	6200	12000 U
Indeno(1,2,3-cd)pyrene	ug/Kg	69000 J	34000	1700	300000 J	4600	24000
Naphthalene	ug/Kg	9500 J	940 J	310 J	5000000 J	8600	1600 J
Phenanthrene	ug/Kg	10000 J	1200 J	460	2600000 J	27000	1700 J
Pyrene	ug/Kg	64000 J	9800	2500	2500000 J	18000	9200 J
TOTAL PAHs		579800	154310	16737	19080000	116840	130800

TABLE B-1
SURFACE SOIL ANALYTICAL RESULTS
SAG HARBOR

LOCATION		B-8	B-9	SS-1	SS-2	SS-3	SS-4
DATE COLLECTED		11/14/95	11/14/95	11/13/95	11/14/95	11/13/95	11/13/95
PARAMETER	UNITS						
BTEX							
Benzene	ug/Kg	2 J	32	13 U	11 U	12 U	11 U
Toluene	ug/Kg	13 U	3 J	13 U	11 U	12 U	11 U
Ethylbenzene	ug/Kg	13 U	12 U	13 U	11 U	12 U	11 U
Xylene (total)	ug/Kg	13 U	11 J	13 U	11 U	12 U	11 U
TOTAL BTEX		2	46	ND	ND	ND	ND
PAHs							
Acenaphthene	ug/Kg	13000 J	4100 UJ	4400 U	2300 J	12000 U	3800 U
Acenaphthylene	ug/Kg	28000 J	3800 J	2800 J	23000	10000 J	1500 J
Anthracene	ug/Kg	12000 J	1400 J	980 J	10000	2700 J	680 J
Benzo(a)anthracene	ug/Kg	85000	3800 J	9600	19000	23000	4600
Benzo(a)pyrene	ug/Kg	120000	12000 J	10000	23000	52000	5200
Benzo(b)fluoranthene	ug/Kg	79000	5500 J	9600	17000	33000 J	3600 J
Benzo(g,h,i)perylene	ug/Kg	74000	8500 J	7600	9500 J	32000	3200 J
Benzo(k)fluoranthene	ug/Kg	82000	7400 J	6300	20000	22000	3100 J
Chrysene	ug/Kg	98000	5800 J	11000	21000	29000	5500
Dibenz(a,h)anthracene	ug/Kg	7100 J	720 J	1100 J	2000 J	3600 J	3800 U
Fluoranthene	ug/Kg	110000	3300 J	9800	24000	20000	5000
Fluorene	ug/Kg	8500 J	770 J	4400 U	9000 J	12000 U	3800 U
Indeno(1,2,3-cd)pyrene	ug/Kg	95000	13000 J	13000	28000	58000	4600
Naphthalene	ug/Kg	14000 J	740 J	610 J	1300 J	1400 J	3800 U
Phenanthrene	ug/Kg	22000 J	2200 J	3600 J	12000	3600 J	2600 J
Pyrene	ug/Kg	200000	5000 J	19000	44000	48000	9700
TOTAL PAHs		1047600	73930	104990	265100	338300	49280

TABLE B-1
SURFACE SOIL ANALYTICAL RESULTS
SAG HARBOR

LOCATION		B-1-1	B-2-1	B-3-1	B-4-1	B-5-1	B-6-1
DATE COLLECTED		11/13/95	11/13/95	11/13/95	11/13/95	11/13/95	11/13/95
PARAMETER	UNITS						
PESTICIDES							
ALDOL	ug/Kg	2600 AJ	2100 AJ	2100 AJ	NA	NA	2700 AJ
ALDOL	ug/Kg	NA	NA	NA	NA	NA	NA
4,4'-DDD	ug/Kg	22 UJ	13 UJ	8 UJ	41 J	8.0 UJ	19 UJ
4,4'-DDE	ug/Kg	22 UJ	13 UJ	8.0 UJ	34 UJ	8.0 UJ	19 UJ
4,4'-DDT	ug/Kg	22 UJ	37 J	8.0 UJ	120 J	4.1 J	19 UJ
Aldrin	ug/Kg	11 UJ	6.9 UJ	4.1 UJ	17 UJ	4.1 UJ	10 UJ
alpha-BHC	ug/Kg	11 UJ	6.9 UJ	4.1 UJ	17 UJ	4.1 UJ	10 UJ
alpha-Chlordane	ug/Kg	11 UJ	6.9 UJ	4.1 UJ	17 UJ	4.1 UJ	10 UJ
Aroclor-1016	ug/Kg	220 UJ	130 UJ	80 UJ	340 UJ	80 UJ	190 UJ
Aroclor-1221	ug/Kg	440 UJ	270 UJ	160 UJ	680 UJ	160 UJ	390 UJ
Aroclor-1232	ug/Kg	220 UJ	130 UJ	80 UJ	340 UJ	80 UJ	190 UJ
Aroclor-1242	ug/Kg	220 UJ	130 UJ	80 UJ	340 UJ	80 UJ	190 UJ
Aroclor-1248	ug/Kg	220 UJ	130 UJ	80 UJ	340 UJ	80 UJ	190 UJ
Aroclor-1254	ug/Kg	220 UJ	130 UJ	80 UJ	340 UJ	80 UJ	190 UJ
Aroclor-1260	ug/Kg	220 UJ	130 UJ	80 UJ	340 UJ	80 UJ	190 UJ
beta-BHC	ug/Kg	11 UJ	6.9 UJ	4.1 UJ	17 UJ	4.1 UJ	10 UJ
delta-BHC	ug/Kg	11 UJ	6.9 UJ	4.1 UJ	17 UJ	4.1 UJ	10 UJ
Dieldrin	ug/Kg	22 UJ	13 UJ	7.9 J	34 UJ	8.0 UJ	19 UJ
Endosulfan I	ug/Kg	11 UJ	6.9 UJ	4.1 UJ	17 UJ	4.1 UJ	10 UJ
Endosulfan II	ug/Kg	58 J	13 UJ	4.3 J	110 J	8.0 UJ	38 J
Endosulfan sulfate	ug/Kg	22 UJ	16 J	8.0 UJ	34 UJ	8.0 UJ	19 UJ
Endrin	ug/Kg	22 UJ	19 J	8.0 UJ	190 J	8.0 UJ	19 UJ
Endrin aldehyde	ug/Kg	41 J	40 J	9.1 J	240 J	8.0 UJ	21 J
Endrin ketone	ug/Kg	22 UJ	13 UJ	8.0 UJ	34 UJ	8.0 UJ	19 UJ
gamma-BHC (Lindane)	ug/Kg	11 UJ	6.9 UJ	4.1 UJ	17 UJ	4.1 UJ	10 J
gamma-Chlordane	ug/Kg	11 UJ	6.9 UJ	4.1 UJ	19 J	4.1 UJ	10 UJ
Heptachlor	ug/Kg	11 UJ	6.9 UJ	4.1 UJ	17 UJ	4.1 UJ	10 UJ
Heptachlor epoxide	ug/Kg	11 UJ	6.9 UJ	4.1 UJ	17 UJ	4.1 UJ	10 UJ
Methoxychlor	ug/Kg	100 J	71 J	41 UJ	460 J	41 UJ	100 J
Toxaphene	ug/Kg	1100 UJ	690 UJ	410 UJ	1700 UJ	410 UJ	1000 UJ

TABLE B-1
SURFACE SOIL ANALYTICAL RESULTS
SAG HARBOR

LOCATION		B-1-1	B-2-1	B-3-1	B-4-1	B-5-1	B-6-1
DATE COLLECTED		11/13/95	11/13/95	11/13/95	11/13/95	11/13/95	11/13/95
PARAMETER	UNITS						
VOLATILE ORGANICS							
1,1-Dichloroethene	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
1,1,1-Trichloroethane	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
1,1,2-Trichloroethane	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
1,1,2,2-Tetrachloroethane	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
1,2-Dichloroethane	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
1,2-Dichloroethene (total)	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
1,2-Dichloropropane	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
2-Butanone	ug/Kg	4 B	14 B	12 U	2000 J	1400 U	12 U
2-Hexanone	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
4-Methyl-2-Pentanone	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Acetone	ug/Kg	13 B	20 B	14 B	4900 U	1400 U	12 U
Bromodichloromethane	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Bromoform	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Bromomethane	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Carbon Disulfide	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Carbon Tetrachloride	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Chlorobenzene	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Chloroethane	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Chloroform	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Chloromethane	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
cis-1,3-Dichloropropene	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Dibromochloromethane	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Methylene Chloride	ug/Kg	8 B	11 B	12 B	15000 J	810 B	8 B
Styrene	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Tetrachloroethene	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
trans-1,3-Dichloropropene	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Trichloroethene	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U
Vinyl Chloride	ug/Kg	13 U	14 U	12 U	4900 U	1400 U	12 U

TABLE B-1
SURFACE SOIL ANALYTICAL RESULTS
SAG HARBOR

LOCATION		B-1-1	B-2-1	B-3-1	B-4-1	B-5-1	B-6-1
DATE COLLECTED		11/13/95	11/13/95	11/13/95	11/13/95	11/13/95	11/13/95
PARAMETER	UNITS						
SEMI-VOLATILE ORGANICS							
1,2-Dichlorobenzene	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
1,2,4-Trichlorobenzene	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
1,3-Dichlorobenzene	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
1,4-Dichlorobenzene	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
2-Chloronaphthalene	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
2-Chlorophenol	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
2-Methylnaphthalene	ug/Kg	3700 J	4500 U	67 J	1900000 R	3500 J	460 J
2-Methylphenol	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
2-Nitroaniline	ug/Kg	66000 UJ	11000 U	980 U	2000000 R	9600 U	29000 U
2-Nitrophenol	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
2,2'-oxybis(1-Chloropropane)	ug/Kg	26000 U	4500 U	410 U	820000 U	4000 U	12000 U
2,4-Dichlorophenol	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
2,4-Dimethylphenol	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
2,4-Dinitrophenol	ug/Kg	66000 UJ	11000 U	980 U	2000000 R	9600 U	29000 U
2,4-Dinitrotoluene	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
2,4,5-Trichlorophenol	ug/Kg	66000 UJ	11000 U	980 U	2000000 R	9600 U	29000 U
2,4,6-Trichlorophenol	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
2,6-Dinitrotoluene	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
3-Nitroaniline	ug/Kg	66000 UJ	11000 U	980 U	2000000 R	9600 U	29000 U
3,3'-Dichlorobenzidine	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
4-Bromophenyl-phenylether	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
4-Chloro-3-Methylphenol	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
4-Chloroaniline	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
4-Chlorophenyl-phenylether	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
4-Methylphenol	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
4-Nitroaniline	ug/Kg	66000 UJ	11000 U	980 U	2000000 R	9600 U	29000 U
4-Nitrophenol	ug/Kg	66000 UJ	11000 U	980 U	2000000 R	9600 U	29000 U
4,6-Dinitro-2-methylphenol	ug/Kg	66000 UJ	11000 U	980 U	2000000 R	9600 U	29000 U

TABLE B-1
SURFACE SOIL ANALYTICAL RESULTS
SAG HARBOR

LOCATION		B-1-1	B-2-1	B-3-1	B-4-1	B-5-1	B-6-1
DATE COLLECTED		11/13/95	11/13/95	11/13/95	11/13/95	11/13/95	11/13/95
PARAMETER	UNITS						
SEMI-VOLATILE ORGANICS (Cont)							
bis(2-Chloroethoxy)methane	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
bis(2-Chloroethyl)Ether	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
bis(2-Ethylhexyl)phthalate	ug/Kg	26000 UJ	4500 U	45 J	820000 R	4000 U	12000 U
Butylbenzylphthalate	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Carbazole	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Dibenzofuran	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Diethylphthalate	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Dimethylphthalate	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Di-n-butylphthalate	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Di-n-octylphthalate	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Hexachlorobenzene	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Hexachlorobutadiene	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Hexachlorocyclopentadiene	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Hexachloroethane	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Isophorone	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Nitrobenzene	ug/Kg	26000 UJ	4500 U	410 U	820000 U	4000 U	12000 U
N-Nitroso-di-n-propylamine	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
N-Nitrosodiphenylamine	ug/Kg	26000 UJ	4500 U	410 U	820000 R	4000 U	12000 U
Pentachlorophenol	ug/Kg	66000 UJ	11000 U	980 U	820000 R	4000 U	12000 U
Phenol	ug/Kg	26000 UJ	4500 U	410 U	2000000 R	9600 U	29000 U
					820000 R	4000 U	12000 U

TABLE B-1
SURFACE SOIL ANALYTICAL RESULTS
SAG HARBOR

LOCATION		B-8	B-9	SS-1	SS-2	SS-3	SS-4
DATE COLLECTED		11/14/95	11/14/95	11/13/95	11/14/95	11/13/95	11/13/95
PARAMETER	UNITS						
INORGANICS							
Aluminum	MG/KG	NA	NA	4510	1890	2170	2360
Antimony	MG/KG	NA	NA	2.4 B	1.5 B	1.2 U	1.3 U
Arsenic	MG/KG	NA	NA	17.7	10.0	4.2	4.1
Barium	MG/KG	NA	NA	142	70.3	30.9 B	41.6 B
Beryllium	MG/KG	NA	NA	0.23 B	0.07 B	0.03 B	0.02 U
Cadmium	MG/KG	NA	NA	0.39 B	0.41 B	0.17 B	0.30 B
Calcium	MG/KG	NA	NA	30100	2630	1900	57900
Chromium	MG/KG	NA	NA	17.6	14.0	2.5	4.2
Cobalt	MG/KG	NA	NA	5.5 B	3.6 B	1.8 B	2.3 B
Copper	MG/KG	NA	NA	87.1	29.9	16.8	15.2
Cyanide	MG/KG	2.3 J	1.4 J	3.9 J	1.2 J	ND R	ND R
Iron	MG/KG	NA	NA	39600	19200	5620	7250
Lead	MG/KG	NA	NA	671	474	194	143
Magnesium	MG/KG	NA	NA	11900	1550	1210	30800
Manganese	MG/KG	NA	NA	232	90.8	37.6	130
Mercury	MG/KG	NA	NA	7.0	1.7	0.96	1.6
Nickel	MG/KG	NA	NA	15.7	10.6	3.3 B	5.3 B
Potassium	MG/KG	NA	NA	305 B	86.3 U	76.0 U	200 B
Selenium	MG/KG	NA	NA	5.2	2.8	0.84 U	0.95 U
Silver	MG/KG	NA	NA	1.1 B	0.37 U	0.40 B	0.37 U
Sodium	MG/KG	NA	NA	172 U	162 U	142 U	161 U
Thallium	MG/KG	NA	NA	2.4	2.0 B	1.0 U	1.2 U
Vanadium	MG/KG	NA	NA	17.6	11.5	6.4 B	11.8
Zinc	MG/KG	NA	NA	337	219	89.6	165
Physiologically Available Cyanide	MG/KG	NA	NA	1.8	0.53	0.5 U	0.5 U

TABLE B-1
SURFACE SOIL ANALYTICAL RESULTS
SAG HARBOR

LOCATION		B-8	B-9	SS-1	SS-2	SS-3	SS-4
DATE COLLECTED		11/14/95	11/14/95	11/13/95	11/14/95	11/13/95	11/13/95
PARAMETER	UNITS						
SEMI-VOLATILE ORGANICS							
1,2-Dichlorobenzene	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
1,2,4-Trichlorobenzene	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
1,3-Dichlorobenzene	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
1,4-Dichlorobenzene	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
2-Chloronaphthalene	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
2-Chlorophenol	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
2-Methylnaphthalene	ug/Kg	7200 J	4100 UJ	4400 U	3200 J	12000 U	3800 U
2-Methylphenol	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
2-Nitroaniline	ug/Kg	120000 U	9900 UJ	11000 U	29000 U	29000 U	9100 U
2-Nitrophenol	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
2,2'-oxybis(1-Chloropropane)	ug/Kg	46000 U	4100 U	4400 U	11000 U	12000 U	3800 U
2,4-Dichlorophenol	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
2,4-Dimethylphenol	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
2,4-Dinitrophenol	ug/Kg	120000 U	9900 UJ	11000 U	29000 U	29000 U	9100 U
2,4-Dinitrotoluene	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
2,4,5-Trichlorophenol	ug/Kg	120000 U	9900 UJ	11000 U	29000 U	29000 U	9100 U
2,4,6-Trichlorophenol	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
2,6-Dinitrotoluene	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
3-Nitroaniline	ug/Kg	120000 U	9900 UJ	11000 U	29000 U	29000 U	9100 U
3,3'-Dichlorobenzidine	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
4-Bromophenyl-phenylether	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
4-Chloro-3-Methylphenol	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
4-Chloroaniline	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
4-Chlorophenyl-phenylether	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
4-Methylphenol	ug/Kg	46000 U	4100 UJ	4400 U	11000 U	12000 U	3800 U
4-Nitroaniline	ug/Kg	120000 U	9900 UJ	11000 U	29000 U	29000 U	9100 U
4-Nitrophenol	ug/Kg	120000 U	9900 UJ	11000 U	29000 U	29000 U	9100 U
4,6-Dinitro-2-methylphenol	ug/Kg	120000 U	9900 UJ	11000 U	29000 U	29000 U	9100 U

TABLE B-2
SUBSURFACE SOIL ANALYTICAL RESULTS
SAG HARBOR

LOCATION		B-1-2	B-7	B-10
DATE COLLECTED		11/14/95	11/14/95	11/14/95
PARAMETER	UNITS			
BTEX				
Benzene	ug/Kg	31000 J	61	20
Toluene	ug/Kg	1800 J	5 J	20
Ethylbenzene	ug/Kg	43000 J	190	25
Xylene (total)	ug/Kg	52000 J	160	79
TOTAL BTEX		127800	416	144
PAHs				
Acenaphthene	ug/Kg	13000	1700 J	7900 J
Acenaphthylene	ug/Kg	4900 J	4200 U	3000 J
Anthracene	ug/Kg	48000	460 J	27000 J
Benzo(a)anthracene	ug/Kg	17000	4200 U	11000 J
Benzo(a)pyrene	ug/Kg	21000	4200 U	11000 J
Benzo(b)fluoranthene	ug/Kg	10000	4200 U	5900 J
Benzo(g,h,i)perylene	ug/Kg	22000	4200 U	11000 J
Benzo(k)fluoranthene	ug/Kg	12000	4200 U	8100 J
Chrysene	ug/Kg	25000	4200 U	15000 J
Dibenz(a,h)anthracene	ug/Kg	1300 J	4200 U	8400 UJ
Fluoranthene	ug/Kg	26000	820 J	21000 J
Fluorene	ug/Kg	12000	610 J	6300 J
Indeno(1,2,3-cd)pyrene	ug/Kg	19000	4200 U	8100 J
Naphthalene	ug/Kg	5800 J	19000	1800 J
Phenanthrene	ug/Kg	44000	2400 J	20000 J
Pyrene	ug/Kg	48000	1200 J	28000 J
TOTAL PAHs		329000	26190	185100

TABLE B-3
GROUNDWATER ANALYTICAL RESULTS
SAG HARBOR

Location		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Date Sampled		11/21/95	11/21/95	11/21/95	11/21/95	11/21/95	11/21/95
PARAMETER	UNITS						
BTEX							
Benzene	ug/L	1200	650	520	97 J	2900	15
Toluene	ug/L	350 D	79 J	42 J	27 J	1400	19
Ethylbenzene	ug/L	540	2600	310 J	400	2000	140
Xylene (total)	ug/L	630 J	2100	350 J	340	2800	160
TOTAL BTEX		2720	5429	1222	864	9100	334
PAHs							
Acenaphthene	ug/L	430 J	240 J	220 J	190 J	360 J	250 J
Acenaphthylene	ug/L	17	12	10 U	800 U	51	8 J
Anthracene	ug/L	58 J	55	10 U	32	140 J	800 R
Benzo(a)anthracene	ug/L	22	33	1 J	11	71	800 R
Benzo(a)pyrene	ug/L	16	800 R	10 U	8 J	58	800 R
Benzo(b)fluoranthene	ug/L	8 J	12	10 U	4 J	29	800 U
Benzo(g,h,i)perylene	ug/L	3 J	6 J	10 U	2 J	9 J	800 R
Benzo(k)fluoranthene	ug/L	11	18	10 U	5 J	39	800 R
Chrysene	ug/L	22	29	1 J	11	66	800 R
Dibenz(a,h)anthracene	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
Fluoranthene	ug/L	74 R	79	7 J	33	170 J	800 R
Fluorene	ug/L	170 J	93 J	10 U	94 J	180 J	86 J
Indeno(1,2,3-cd)pyrene	ug/L	3 J	5 J	10 U	2 J	8 J	800 J
Naphthalene	ug/L	2600 J	3800 J	5400 J	2400 J	9300 J	3700 J
Phenanthrene	ug/L	300 J	200 J	10 U	110 J	630 J	110 J
Pyrene	ug/L	97 J	64	5 J	31	270 J	800 R
TOTAL PAHs		4331	6246	5634	2933	12381	12154

TABLE B-3
GROUNDWATER ANALYTICAL RESULTS
SAG HARBOR

Location		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Date Sampled		11/21/95	11/21/95	11/21/95	11/21/95	11/21/95	11/21/95
PARAMETER	UNITS						
INORGANICS							
Aluminum	ug/L	146 B	3250 J	772 J	598 J	532 B	597 J
Antimony	ug/L	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
Arsenic	ug/L	8.4 B	11.4 B	2.6 U	3.8 B	2.8 B	2.6 U
Barium	ug/L	166 B	169 B	126 B	93.3 B	83.4 B	53 B
Beryllium	ug/L	0.1 U	0.14 B	0.12 B	0.1 U	0.1 U	0.1 U
Cadmium	ug/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Calcium	ug/L	121000	69400	79000	29200	112000	66600
Chromium	ug/L	2 U	64.1 J	2 U	2 U	3.7 B	2 U
Cobalt	ug/L	1.9 B	7.2 B	1.3 U	1.7 B	1.3 U	1.3 U
Copper	ug/L	1.7 B	21.6 B	1.5 U	1.5 U	2 B	1.5 U
Cyanide	ug/L	50	23	18	10 U	10 U	10 U
Iron	ug/L	20700	16700	14500	21500	9390	1080
Lead	ug/L	9.8 J	69.5 B	9.8 J	34.2 J	18.8 J	27.7 J
Magnesium	ug/L	29800	14000	22800	17300	20100	5020
Manganese	ug/L	951 J	890 B	464 J	284 J	873 J	95.9 J
Mercury	ug/L	0.2 U	0.4	0.2 U	0.2 U	0.6	0.2 U
Nickel	ug/L	15.8 U	15.8 U	15.8 U	15.8 U	15.8 U	15.8 U
Potassium	ug/L	17900	13300	10900	5510	7620	8480
Selenium	ug/L	7.7 J	5.3 J	4.4 J	6.1 J	4.4 U	4.4 U
Silver	ug/L	1.7 R	1.7 R	1.7 R	1.7 R	1.7 R	1.7 R
Sodium	ug/L	24000	57000	23700	17900	15400	11200
Thallium	ug/L	14.8 B	17.4 B	11.6 B	20.1 B	7.3 B	18.9 B
Vanadium	ug/L	2 B	10.2 B	1.8 B	1.2 U	1.2 U	4.1 B
Zinc	ug/L	10.2 J	191 J	12 J	20 J	10 U	23.4 J
Physiologically Available Cyanide	mg/L	0.01 U	0.011	0.01 U	0.01 U	0.01 U	0.01 U

TABLE B-3
GROUNDWATER ANALYTICAL RESULTS
SAG HARBOR

Location		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Date Sampled		11/21/95	11/21/95	11/21/95	11/21/95	11/21/95	11/21/95
PARAMETER	UNITS						
PESTICIDES							
4,4'-DDD	ug/L	0.1 U	0.1 U	0.1 U	0.1 J	0.1 U	0.1 U
4,4'-DDE	ug/L	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
4,4'-DDT	ug/L	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Aldrin	ug/L	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
alpha-BHC	ug/L	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
alpha-Chlordane	ug/L	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
Aroclor-1016	ug/L	1 U	1 U	1 UJ	1 U	1 U	1 U
Aroclor-1221	ug/L	2 U	2 U	2 UJ	2 U	2 U	2 U
Aroclor-1232	ug/L	1 U	1 U	1 UJ	1 U	1 U	1 U
Aroclor-1242	ug/L	1 U	1 U	1 UJ	1 U	1 U	1 U
Aroclor-1248	ug/L	1 U	1 U	1 UJ	1 U	1 U	1 U
Aroclor-1254	ug/L	1 U	1 U	1 UJ	1 U	1 U	1 U
Aroclor-1260	ug/L	1 U	1 U	1 UJ	1 U	1 U	1 U
beta-BHC	ug/L	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
delta-BHC	ug/L	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
Dieldrin	ug/L	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Endosulfan I	ug/L	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
Endosulfan II	ug/L	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Endosulfan sulfate	ug/L	0.1 U	0.1 U	0.1 J	0.1 U	0.1 U	0.1 U
Endrin	ug/L	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Endrin aldehyde	ug/L	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Endrin ketone	ug/L	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
gamma-BHC (Lindane)	ug/L	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
gamma-Chlordane	ug/L	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
Heptachlor	ug/L	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
Heptachlor epoxide	ug/L	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
Methoxychlor	ug/L	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
Toxaphene	ug/L	5 U	5 U	5 UJ	5 U	5 U	5 U

TABLE B-3
GROUNDWATER ANALYTICAL RESULTS
SAG HARBOR

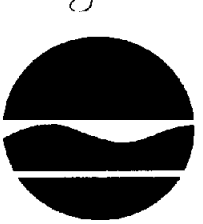
Location		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Date Sampled		11/21/95	11/21/95	11/21/95	11/21/95	11/21/95	11/21/95
PARAMETER	UNITS						
VOLATILE ORGANICS							
1,1-Dichloroethane	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
1,1-Dichloroethene	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
1,1,1-Trichloroethane	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
1,1,2-Trichloroethane	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
1,2-Dichloroethane	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
1,2-Dichloroethene (total)	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
1,2-Dichloropropane	ug/L	100 U	200 U	50 UJ	100 U	200 U	120
2-Butanone	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
2-Hexanone	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
4-Methyl-2-Pentanone	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Acetone	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Bromodichloromethane	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Bromoform	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Bromomethane	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Carbon Disulfide	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Carbon Tetrachloride	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Chlorobenzene	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Chloroethane	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Chloroform	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Chloromethane	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
cis-1,3-Dichloropropene	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Dibromochloromethane	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Methylene Chloride	ug/L	41 B	150 J	12 B	53 B	140 B	5 B
Styrene	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Tetrachloroethene	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
trans-1,3-Dichloropropene	ug/L	100 U	200 U	50 UJ	100 U	200 U	10 U
Trichloroethene	ug/L	100 U	200 U	50 UJ	100 U	200 U	10
Vinyl Chloride	ug/L	10 U	200 U	50 UJ	100 U	200 U	13

TABLE B-3
GROUNDWATER ANALYTICAL RESULTS
SAG HARBOR

Location Date Sampled		MW-1 11/21/95	MW-2 11/21/95	MW-3 11/21/95	MW-4 11/21/95	MW-5 11/21/95	MW-6 11/21/95
PARAMETER	UNITS						
SEMI-VOLATILE ORGANICS							
1,2-Dichlorobenzene	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
1,2,4-Trichlorobenzene	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
1,3-Dichlorobenzene	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
1,4-Dichlorobenzene	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
2-Chloronaphthalene	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
2-Chlorophenol	ug/L	500 U	800 R	10 U	10 U	1000 R	800 R
2-Methylnaphthalene	ug/L	560 J	740 J	1400 J	670 J	4000 J	800 R
2-Methylphenol	ug/L	500 U	800 R	10 U	10 U	1000 R	650 J
2-Nitroaniline	ug/L	1200 R	2000 R	25 U	25 U	1000 R	800 R
2-Nitrophenol	ug/L	500 U	800 R	10 U	10 U	2500 R	2000 R
2,2'-oxybis(1-Chloropropane)	ug/L	500 U	800 U	10 U	10 U	1000 R	800 R
2,4-Dichlorophenol	ug/L	500 U	800 R	10 U	10 U	1000 U	800 U
2,4-Dimethylphenol	ug/L	34	800 R	10 U	10 U	1000 R	800 R
2,4-Dinitrophenol	ug/L	1200 U	2000 R	25 U	25 U	1000 R	800 R
2,4-Dinitrotoluene	ug/L	500 R	800 R	10 U	10 U	2500 R	2000 R
2,4,5-Trichlorophenol	ug/L	1200 U	2000 R	25 U	25 U	1000 R	800 R
2,4,6-Trichlorophenol	ug/L	500 U	800 R	10 U	10 U	2500 R	2000 R
2,6-Dinitrotoluene	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
3-Nitroaniline	ug/L	1200 R	2000 R	25 U	25 U	1000 R	800 R
3,3'-Dichlorobenzidine	ug/L	500 R	800 R	10 U	10 U	2500 R	2000 R
4-Bromophenyl-phenylether	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
4-Chloro-3-Methylphenol	ug/L	500 U	800 R	10 U	10 U	1000 R	800 R
4-Chloroaniline	ug/L	500 U	800 R	10 U	10 U	1000 R	800 R
4-Chlorophenyl-phenylether	ug/L	500 R	800 R	10 U	10 U	1000 R	800 R
4-Methylphenol	ug/L	3 J	800 R	10 U	10 U	1000 R	800 R
4-Nitroaniline	ug/L	1200 R	2000 R	25 U	25 U	1000 R	800 R
4-Nitrophenol	ug/L	1200 U	2000 R	25 U	25 U	2500 R	2000 R
4,6-Dinitro-2-methylphenol	ug/L	1200 U	2000 R	25 U	25 U	2500 R	2000 R

A. Sylvester

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-7010



John P. Cahill
Commissioner

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Long Island Lighting Co. (LILCO)
175 East Old Country Road
Hicksville, New York 11801

Dear Sir/Madam:

As mandated by Section 27-1305 of the Environmental Conservation Law (ECL), copy enclosed, the New York State Department of Environmental Conservation (NYSDEC) must maintain a registry of all inactive disposal sites suspected or known to contain hazardous wastes. The ECL also mandates that this Department notify, by certified mail, the owner of all or any part of each site or area included in the Registry of Inactive Hazardous Waste Disposal Sites.

Our records indicate that you represent the owner or part owner of the site listed below. Therefore, this letter constitutes notification of the inclusion of such site in the Registry of Inactive Hazardous Waste Disposal Sites in New York State.

DEC Site No.: 152159
Site Name: Sag Harbor Gas Plant
Site Address: Bridge Street, Sag Harbor, NY 11963
Site Classification: 2

Enclosed is a copy of the New York State Department of Environmental Conservation, Division of Environmental Remediation, Inactive Hazardous Waste Disposal Site Report form as it appears in the Registry and Annual Report, and an explanation of the site classifications. The Law allows the owner and/or operator of a site listed in the Registry to petition the Commissioner of the New York State Department of Environmental Conservation for deletion of such site, modification of site classification, or modification of any information regarding such site, by submitting a written statement setting forth the grounds of the petition. Such petition may be addressed to:

Mr. John P. Cahill
Commissioner
New York State Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233-1010

For additional information, please contact me at (518) 457-0747.

Sincerely,

Robert L. Marino
Chief
Site Control Section
Bureau of Hazardous Site Control
Division of Environmental Remediation

Enclosures

bcc: w/o Enc.
E. Barcomb
R. Marino
J. Swartwout
A. Sylvester

w/Enc. (Copy of Site Report form only)
A. Grant
G. Anders Carlson, NYSDOH
J. Sama
S. Ervolina
R. Becherer, R/1
L. Riley, R/1

AS/srh

A. Sylvester

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-7010

NOV 12 1997

John P. Cahill
Commissioner

Town of Southampton
Town Clerk
116 Hampton Road
Southampton, NY 11968

Dear Sir/Madam:

The Department of Environmental Conservation (DEC) maintains a Registry of sites where hazardous waste disposal has occurred. Property located at Bridge Street in the Town of Southampton and County of Suffolk and designated as Tax Map Number 0903-002-02-10 was recently added as a Class 2 in the Registry. The name and site I.D. number of this property as listed in the Registry is Sag Harbor Gas Plant, Site #152159.

The Classification Code 2 means that the site poses a significant threat to the public health or environment -- action required.

We are sending this letter to you and others who own property near the site listed above, as well as the county and town clerks. We are notifying you about these activities at this site because we believe it is important to keep you informed.

If you currently are renting or leasing your property to someone else, please share this information with them. If you no longer own the property to which this letter was sent, please provide this information to the new owner and provide this office with the name and address of the new owner so that we can correct our records.

The reason for this recent classification decision is as follows:

- Discharges of coal gas wastes have impacted the surface soils and underlying groundwater. The concentrations of benzene in the groundwater indicate that leachable benzene above the Toxicity Characteristic Leaching Procedure (TCLP) limit of 0.5 mg/l is present. High levels of toluene, ethylbenzene, xylenes and various polynuclear aromatic hydrocarbons (PAHs) are also present in the groundwater. The surface soils contain high levels of PAHs. Due to the shallow depth to groundwater and the volatility of some of the contaminants, there is the potential for vapors to enter nearby residential and commercial properties. Additionally, the area is prone to flooding. Flooding could result in migration of the surface contaminants. Soil samples

at nearby residential properties have detected PAH contamination. However, the source of this contamination has not been established. The underlying groundwater has been used for drinking water in the past. Nearby Sag Harbor Cove could potentially receive contaminated surface runoff or groundwater discharges.

If you would like additional information about this site or the inactive hazardous waste site remedial program, call:

DEC's Inactive Hazardous Waste Site Toll-Free Information Number **1-800-342-9296** or New York State Health Department's Health Liaison Program (HeLP) **1-800-458-1158, ext. 402.**

Sincerely,

Robert L. Marino
Chief
Site Control Section
Bureau of Hazardous Site Control
Division of Environmental Remediation

bcc: R. Marino
J. Swartwout
R. Becherer
J. Epstein
A. Sylvester
A. Carlson
L. Ennist

AS/srh