Severn Trent Environmental Services

SEVERN
TRENT
SERVICES

Pelham Bay Landfill
Monthly Report
August 2003

Prepared by:
Severn Trent Environmental Services
January 2004

Section I – General

This monthly report covers the period from August 1, 2003 to August 31, 2003. The report contains information in accordance with Section 2.7 of the Agreement between Severn Trent Environmental Services (STES) and the NYCDEP (Agreement), and Section 5.7, Volume I of the O&M Manual for the project.

Section II– Summary of the Testing Program Results

Gannett Fleming performed the monthly gas extraction monitoring on August 28, 2003. The monitoring was performed using a Landtec gas meter. The results are provided in Appendix A. A majority of the monitoring wells were reported with no oxygen present, however, the flare was not running at the time the monitoring was performed. Refer to Section III, Recommendations for Maintenance and Repair Actions Taken, for a summary of the gas flare existing deficiencies. A summary of the monitoring is as follows:

Well No.	% Oxygen
GMW-1	0.0
GMW-2	0.0
GMW-3	0.3
GMW-4	0.1
GMW-5	0.0
GMW-6	0.0
GMW-7	19.3
GMW-8	0.0
GMW-9	0.0
GMW-10	0.0
GMW-11	3.4
GMW-12	0.0
GMW-13	0.0
GMW-14	0.0
GMW-15	0.0
GMW-16	0.6
GMW-17	0.0
GMW-18	0.0
GMW-19	0.0
GMW-20	0.0
GMW-21	0.0
GMW-22	3.4

At the start of this contract the flexible hoses on three of the wells were in disrepair. The hoses were replaced by STES personnel and are routinely inspected and replaced as necessary. Ideally, the oxygen concentrations in all of the wells should be 0%, however, slight fluctuations in the oxygen concentrations have been recorded in most of the wells during the previous Contract.

Section III – Recommendations for Maintenance and Actions Taken

Deficiencies identified this month and recommended repair actions:

There were no new deficiencies identified in August 2003.

Repair actions performed this month on previous deficiencies:

1. Continuation of work on the leachate storage tank heat tracing system in accordance with Section 5.0 of the Contract.
2. Plumbing work for the float system for the seven pumping stations is completed. Electrical work in process.
3. New Flygt pumps for D-1 installed and completed.
4. Electrical work for LS-1 pump floats is completed.
5. Electrical work for decon sump floats is completed.
6. Repair of the existing rill in Zone 7 completed.
7. Burned car in Zone 8 was removed.
8. Repair of the water main break by Decon trailer was completed.
9. Clearing of 575 linear feet of swale was completed.
10. Mowing of 2.88 acres of landfill cover from the perimeter roadway to fence line was completed.

    Detailed discussions of the repair actions performed this month are presented in the following text.

At the start of this contract, STES personnel performed a survey of existing conditions. The detailed results of that survey are documented in the Status Report. Many deficiencies were noted in both the mechanical and non-mechanical components of the landfill system. STES recommends that all deficiencies be corrected. However, as noted in the text that follows, these deficiencies were existing conditions at the commencement of the contract. Repair actions for some deficiencies were included in Section 5.0 of the Contract. These repairs are being performed by STES. Corrective action for deficiencies, which were not included in the Scope of Work, will require NYCDEP approval, prior to repair actions being taken.

The following text contains a description of identified deficiencies and recommended repair actions or repair actions performed during this month. Deficiencies that were discussed and repaired during the previous month will not appear in this report.

Operating System - Landfill Cover System

Deficiency
The grasses of the landfill cover system from the perimeter roadway to the fence line have grown to heights that are impairing the visibility of the fence line of the landfill.

Recommended Repair Action
The NYCDEP has directed STES to mow the landfill cover from the perimeter roadway to the fence line. This work commenced in July 2003 and was completed in August 2003.

Deficiency
A surface crack was evident in the form of a pre-existing rill in Zone 7 between Road C and Road B^2. During the summer of 2001, Brecco, a NYCDEP Contractor, repaired many pre-existing rills and re-planted the cover grasses. The large rill in Zone 7 is pre-existing prior to the previous STES contract at the Pelham Bay Landfill and was not included in the Brecco repair work The depth of the rill penetrates the 6 inch top soil layer and the 24 inch loamy soil layer exposing the geocomposite filter fabric.

Recommended Repair Action
URS, the NYCDEP Consultant on this project, has recommended that the initial repair of this rill be performed in accordance with the site O&M Manual. This work was authorized by the NYCDEP on July 28, 2003 and was completed in August 2003.

Deficiency

There are also rusted 55-gallon drums located in the area adjacent to the Containment Sump. The drums have been onsite prior to the start of the previous STES contract. Most are empty, however, some appear to contain waste oil.

NYCDEP is aware of the remains of the car, which was driven onto the landfill and subsequently burned. This incident occurred on a weekend during the previous STES Contract and was under the jurisdiction of the onsite 24-hour security guards.

Recommended Repair Actions
STES has requested that the NYCDEP classify the 55-gallon drums. Once that is completed, STES can dispose of the non-hazardous, non-flammable drums in the onsite dumpster.

According the NYCDEP the NYPD will remove abandoned vehicles which are streetside. STES was able to remove the remains of the burned car from the landfill area. The car was place street

side for removal by the NYPD. This was completed in August 2003.

NYCDEP is aware of the abandoned truck trailer, which has been on site prior to the previous STES Contract. At the request of the NYCDEP, STES gained access to the inside of the trailer. The contents were landfill liner welding equipment, old grass seed and some miscellaneous tools. STES was not able to locate any identifying tags or plates on the trailer. NYCDEP will make the necessary arrangements for the removal of the trailer.

Operating System - Stormwater Management System

Stormwater Drainage Ditches

Deficiency

Varying degrees of silt, debris and vegetation are present in certain sections of the drainage swales. It appears that the swales are performing to design intent, which is to convey overland flow on the landfill cover to the SP manholes and baffles outlets. There was no evidence of washout.

Repair Action

STES was directed by the NYCDEP to clear 575 linear feet of drainage swale in the vicinity if Zone 7 and 8. This work was completed in August 2003.

Baffled Outlets

Deficiency

BO1 is located on the east side of the landfill. There was approximately a foot of silt within the structure with vegetation present. Silt and rocks had plugged the weepholes. The handrails were intact, however, some of the seams were splitting.

BO2 is located in the southwest corner of the landfill. There was approximately a foot of silt within the structure with vegetation present. Silt and rocks had plugged the weepholes. The handrails were intact, however, some of the seams were splitting.

BO3 is located at Pond A. There was approximately a foot of silt within the structure with vegetation present. Silt and rocks had plugged the weepholes. The handrails were intact, however, some of the seams were splitting.

BO4 is located at Pond C. There was approximately a foot of silt within the structure with vegetation present. Silt and rocks had plugged the weepholes. The handrails were intact, however, some of the seams were splitting.

Repair Action
STES recommends cleaning out all baffled outlets in accordance with the O&M Manual. This will be performed under Section 5.0 of the Contract.

Sedimentation Ponds

Deficiency
Pond A - Silt, dense phragmite growth, and shallow standing water were present at the bottom of the pond. There was no stormwater collected in the pond therefore freeboard could not be measured. The outlet structure was in satisfactory condition.

Pond B - Several feet of flow was present in Pond B, therefore, it was not possible to view the condition of the bottom of the pond for silt or debris sediment. Phragmite growth, however, was not present. Adequate freeboard was available. There is an inlet and an outlet structure located in Pond B. Silt and debris were present in the inlet structure. The outlet structure was in satisfactory condition.

Pond C - Pond C had amounts of silt accumulation, dense phragmite growth, and shallow standing water in the bottom of the pond. There was no stormwater collected in the pond therefore freeboard could not be measured. Silt and debris were present in and around the inlet structure.

The outlet structure consists of a concrete structure with weep holes as the inlet. The outlet to the bay is a 24-inch pipe with a trash rack and flap gate. The structure appeared to be in good condition and did not have any spalling concrete present. Silt accumulation blocked the inlet weepholes. Debris and silt blockage were noted in the 24-inch outlet pipe. The flap gate and trash rack appeared to be in good working order and the riprap on the spillway was intact.

Repair Action
STES recommends cleaning the inlet and outlet structures, which have accumulation of debris. This will be performed under Section 5.0 of the Contract. The ponds, although have an accumulation of silt and phragmite growth, are performing to design intent. STES is not recommending cleaning of the ponds at this time.

Operating System - Groundwater/Leachate Collection System

Sumps and Lift Stations

Deficiency

The control panel for D-1 is propped up on railroad ties and is not supported by a stationary base.

Repair Action
STES recommends the replacement of the unsteady railroad tie base used for the control panel. This work is not included in the Scope of Work and therefore must be authorized by the NYCDEP.

Deficiency
At the start of the Lift Station No. 1 (LS-1) pumps were not operational in the automatic mode due to a memory loss to the PLC. The NYCDEP has authorized the replacement of these controls with float controls.

Repair Action
The plumbing work for the new LS-1 float system was complete in June 2003. Electrical work was completed in August 2003. The pumps operate automatically.

Deficiency
At the start of the Contract the Containment Pad sump pumps were not operational in the automatic mode due to a memory loss to the PLC. The NYCDEP has authorized the replacement of these controls with float controls. Currently the pumps are operated manually.

Repair Action
The plumbing work for the new Containment Sump float system was complete in June 2003. Electrical work is currently being performed.

Deficiency
At the start of the Contract the Decon Sump Pumps were not operational in the automatic mode due to a memory loss to the PLC. The NYCDEP has authorized the replacement of these controls with float controls. Currently the pumps are operated manually.

Repair Action
The plumbing work for the new Decon Sump float system was complete in June 2003. Electrical work is scheduled.

Deficiency
At the start of the Contract the D-8 pumps were not operational in the automatic mode due to a memory loss to the PLC. The NYCDEP has authorized the replacement of these controls with float controls. Currently the pumps are operated manually.

Repair Action
The plumbing work for the new D-8 Sump float system was complete in June 2003. Electrical work is scheduled

Deficiency
At the start of the Contract, the D-10 pumps were controlled by an existing float system. The NYCDEP has authorized the replacement of the existing outdated float control system with the same float controls that are being installed in all pump and lift stations. Currently the pumps are operated in the automatic mode.

Repair Action
The plumbing work for the new D-10 Sump float system was complete in June 2003. Electrical work is scheduled.

Deficiency
At the start of the Contract, Lift Station No. 2 (LS-2) pumps were not operational in the automatic mode due to a memory loss to the PLC. The NYCDEP has authorized the replacement of the control floats. Currently the pumps are operated manually.

Repair Action
The plumbing work for the new LS-2 float system was complete in June 2003. Electrical work is scheduled.

Deficiency
The area in the vicinity of the trailer was submerged. This is the result of a City water leak at the pipe connection at the decommissioned boot wash. STES has set up a portable sump pump and extension cord to pump flow out of the boot wash area. The sump pump in the area of the Decontamination Trailer was not operational, and was removed from the sump by STES. The pump requires a complete overhaul or should be replaced.
Repair Action
STES was directed by the NYCDEP to repair the water main break and to purchase and install a new sump pump in the Decon Trailer Sump. The water main break was repaired in August 2003. The new pump was ordered. Delivery is expected in October 2003. STES placed a portable sump pump in the sump, which captures the overflow from the boot wash leak. This pump was configured to discharge to the hard piped discharge piping leading to the Decontamination Sump.

Deficiency
The control panels for the all Sump Pump Stations and Lift Stations are in a state of disrepair. The enclosures for the control panels were sized improperly. In order to view the displays in the panel a steel bar in the middle of the enclosure was removed by previous parties as it hindered opening of the control panel. Also, most of the bolts for the control panel covers have been removed and were placed inside the panel enclosure. This was done by previous parties in order to view the inside of the control panel. This is necessary to view the elapsed time meters.

Repair Action

STES is not recommending that the enclosure be repaired at this time. Access to the inside of the panel is required to complete the equipment inspections. New enclosures would be extremely costly to purchase and install and are not recommend at this time.

Deficiency

It appears that the integrity of all butterfly valves (BFV) on the leachate storage tank piping on both the truck discharge line and discharge line to D-1 is questionable. The BFVs on the truck fill line were closed, however, the ball valve at the end of the line was leaking. It is assumed that this line was charged and there was pressure on that valve. It was noted that the equalization line to Tank No. 4 was leaking at the connection to the tank. Operators maintain the tank levels below this point to avoid leaks.

Recommended Repair Action

The ball valve must be replaced or the line should be capped. The leak at the equalization line should be repaired. This work is not included in the Scope of Work and therefore must be authorized by the NYCDEP.

Deficiency

The heat tracing system for the leachate piping is poorly wired and there is evidence of shorts in the system. Many pipes and valves were frozen (and possibly damaged) at the start of this Contract.

Recommended Repair Action

The work on the heat tracing system commenced in June 2003 in accordance with Section 5.0 of the Contract and continued in August 2003. Unforeseen repairs were required which were out-of-scope. These repairs were authorized by the NYCDEP in August 2003.

Operating System - Landfill Gas System

Deficiency

The operation of the gas flare blower system continues to be sporadic despite the completion of the Contract required installation of the auto transformer kits.

The existing gas flare system has a gas condensate discharge line that is piped to discharge into manhole D-2. AXD recommended the installation of a mist eliminator upstream of the gas inlet to the blowers in addition to the existing condensate discharge. The purchase and installation of a mist eliminator is not part of the Contract Specifications. However, the installation of a mist

eliminator is required for the warranty to be effective for the new blowers. With this knowledge and in the essence of time, STES ordered a mist eliminator while ordering the Contract specified blowers. Delivery of the two new blowers and mist eliminator occurred on June 25, 2003. The equipment is presently stored in the onsite trailers.

Additional gas flare system deficiencies have been identified by STES. The pressure and temperature gauges had been removed from the discharge piping. NYCDEP informed STES that the gauges were stolen. NYCDEP had the piping holes patched as a temporary corrective action.

Recommended Repair Action

STES is recommending that an Electrical Control Specialist troubleshoot the gas flare system to identify whatever problems are resulting in the continued sporadic operation. This is out-of-scope work and will require prior authorization from the NYCDEP.

At this time STES has requested a design from the NYCDEP for the installation of the mist eliminator. The design will be incorporated into a Change Order to perform the out-of-scope work for the purchase and installation of the mist eliminator.

Operating System – Ancillary System

Deficiency

There are several openings in the fence along the perimeter of the landfill. Past repairs have been made, however the vandalism continues. The cutouts are mostly made to provide shortcuts along the shoreline for people to fish.

Recommended Repair Action

A NYCDEP subcontractor independent of the STES contract provides the landfill security. Diligent efforts must be made by the security personnel to deter this type of activity.

Deficiency

There are at least 3 open cut 3-inch PVC pipes protruding vertically above grade in the vicinity of the removed trailer complex. Evidently these pipes were part of the waste discharge system from the trailer complex. The pipes lead to a header which leads to the on site septic tank. The septic tank is accessible by an onsite manhole. At the start of this Contract, the septic tank was overflowing. There is also an upgrade charged water line in the area.

Recommended Repair Action

The septic tank should be pumped out. The abandoned waste lines should be capped off. The water line should be decommissioned. This work is not included in the Scope of Work and

therefore must be authorized by the NYCDEP.

Deficiency
The main alarm panel, located in the guard's trailer on the site, does not work.

Recommended Repair Action
This system should be repaired. This work will require authorization from the NYCDEP, as it is an existing condition and not included in the scope of work.

Section IV – Evaluation of Site Operations

Site operations for this period consisted of completing the bi-weekly and monthly inspections. The inspections performed during this period did not uncover any new deficiencies. Please refer to Section III for a discussion of the existing deficiencies. Copies of the inspection checklists for the month of August 2003 are located in Appendix B of this report.

Appendix A – Summary of Laboratory Analysis

ANALYTICAL REPORT

JOB NUMBER: 227722

Prepared For:

STES - Glen Cove
100 Morris Avenue
Glen Cove, NY 11542

Attention: Joe Covati

Date: 10/01/2003

Signature

Name: Christine M. Shrader

Title: Project Manager

E-Mail: cshrader@stl-inc.com

Date

315 Fullerton Avenue
Newburgh, NY 12550

PHONE: (845) 562-0890
FAX..: (845) 562-0841

SAMPLE INFORMATION
Date: 10/01/2003

Job Number.: 227722
Customer...: STES - Glen Cove
Attn.....: Joe Covati

Project Number.....: 20000073
Customer Project ID....: PELHAM BAY 1317
Project Description....: Pelham Bay

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
227722-1	MW 104	Water	08/25/2003	09:30	08/26/2003	11:45
227722-2	MW 109	Water	08/25/2003	09:30	08/26/2003	11:45
227722-3	MW 119	Water	08/25/2003	09:30	08/26/2003	11:45
227722-4	MW 120B	Water	08/25/2003	09:30	08/26/2003	11:45
227722-5	MW 120	Water	08/25/2003	09:30	08/26/2003	11:45
227722-6	MW 121	Water	08/25/2003	09:30	08/26/2003	11:45
227722-7	MW 122	Water	08/25/2003	09:30	08/26/2003	11:45
227722-8	TRIP BLANK		08/26/2003	00:00	08/26/2003	11:45

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 104
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-1
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 200.7	Acid Digestion (ICP)	Complete				Text	08/28/03	rmc
EPA 270.2	Selenium (Se)	25.0	U	SN	25.0	ug/L	09/08/03	rmc
EPA 245.1	Mercury (Hg)	0.31			0.20	ug/L	08/28/03	lms
SM18 4500CNE	Cyanide, Total	0.0150			0.0100	mg/L	09/03/03	ne
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.051	U		0.051	ug/L	09/11/03	smo
	beta-BHC	0.051	U		0.051	ug/L	09/11/03	smo
	delta-BHC	0.051	U		0.051	ug/L	09/11/03	smo
	gamma-BHC (Lindane)	0.051	U		0.051	ug/L	09/11/03	smo
	Heptachlor	0.051	U		0.051	ug/L	09/11/03	smo
	Aldrin	0.051	U		0.051	ug/L	09/11/03	smo
	Heptachlor epoxide	0.051	U		0.051	ug/L	09/11/03	smo
	Endosulfan I	0.10	U		0.10	ug/L	09/11/03	smo
	Dieldrin	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDE	0.031	J		0.10	ug/L	09/11/03	smo
	Endrin	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan II	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDD	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan sulfate	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDT	0.10	U		0.10	ug/L	09/11/03	smo
	Methoxychlor	0.51	U		0.51	ug/L	09/11/03	smo
	Toxaphene	1.0	U		1.0	ug/L	09/11/03	smo
	Endrin aldehyde	0.10	U		0.10	ug/L	09/11/03	smo
	Technical Chlordane	0.51	U		0.51	ug/L	09/11/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Aluminum (Al)	1820			400	ug/L	09/09/03	mad
	Antimony (Sb)	120	U		120	ug/L	09/09/03	mad
	Arsenic (As)	20.0	U		20.0	ug/L	09/09/03	mad
	Barium (Ba)	586			400	ug/L	09/09/03	mad
	Beryllium (Be)	10.0	U		10.0	ug/L	09/09/03	mad
	Cadmium (Cd)	10.0	U		10.0	ug/L	09/09/03	mad
	Calcium (Ca)	316000			10000	ug/L	09/09/03	mad
	Chromium (Cr)	20.0	U		20.0	ug/L	09/09/03	mad
	Cobalt (Co)	100	U		100	ug/L	09/09/03	mad
	Copper (Cu)	50.0	U		50.0	ug/L	09/09/03	mad
	Iron (Fe)	6600		E	200	ug/L	09/09/03	mad
	Lead (Pb)	37.2			6.0	ug/L	09/09/03	mad
	Magnesium (Mg)	828000			10000	ug/L	09/09/03	mad
	Manganese (Mn)	63.9			20.0	ug/L	09/09/03	mad
	Nickel (Ni)	80.0	U		80.0	ug/L	09/09/03	mad
	Potassium (K)	386000			250000	ug/L	09/09/03	mad
	Sodium (Na)	7360000			250000	ug/L	09/09/03	mad
	Silver (Ag)	20.0	U		20.0	ug/L	09/09/03	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 104
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-1
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Thallium (Tl)	40.0	U	N	40.0	ug/L	09/10/03	mad
	Vanadium (V)	100	U		100	ug/L	09/09/03	mad
	Zinc (Zn)	81.7			40.0	ug/L	09/09/03	mad
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	enviroform			10.	ug/L		mmb
	Phenol	enviroform			10.	ug/L		mmb
	Bis(2-chloroethyl)ether	enviroform			10.	ug/L		mmb
	1,3-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,4-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,2-Dichlorobenzene	enviroform			10.	ug/L		mmb
	Benzyl alcohol	enviroform			10.	ug/L		mmb
	2-Methylphenol (o-cresol)	enviroform			10.	ug/L		mmb
	2,2-oxybis (1-chloropropane)	enviroform			10.	ug/L		mmb
	n-Nitroso-di-n-propylamine	enviroform			10.	ug/L		mmb
	Hexachloroethane	enviroform			10.	ug/L		mmb
	4-Methylphenol (m/p-cresol)	enviroform			10.	ug/L		mmb
	2-Chlorophenol	enviroform			10.	ug/L		mmb
	Nitrobenzene	enviroform			10.	ug/L		mmb
	Bis(2-chloroethoxy)methane	enviroform			10.	ug/L		mmb
	1,2,4-Trichlorobenzene	enviroform			10.	ug/L		mmb
	Isophorone	enviroform			10.	ug/L		mmb
	2,4-Dimethylphenol	enviroform			10.	ug/L		mmb
	Hexachlorobutadiene	enviroform			10.	ug/L		mmb
	Naphthalene	enviroform			10.	ug/L		mmb
	2,4-Dichlorophenol	enviroform			10.	ug/L		mmb
	4-Chloroaniline	enviroform			10.	ug/L		mmb
	2,4,6-Trichlorophenol	enviroform			10.	ug/L		mmb
	2,4,5-Trichlorophenol	enviroform			50.	ug/L		mmb
	Hexachlorocyclopentadiene	enviroform			10.	ug/L		mmb
	2-Methylnaphthalene	enviroform			10.	ug/L		mmb
	2-Nitroaniline	enviroform			25.	ug/L		mmb
	2-Chloronaphthalene	enviroform			10.	ug/L		mmb
	4-Chloro-3-methylphenol	enviroform			10.	ug/L		mmb
	2,6-Dinitrotoluene	enviroform			10.	ug/L		mmb
	2-Nitrophenol	enviroform			10.	ug/L		mmb
	3-Nitroaniline	enviroform			25	ug/L		mmb
	Dimethyl phthalate	enviroform			10.	ug/L		mmb
	2,4-Dinitrophenol	enviroform			25	ug/L		mmb
	Acenaphthylene	enviroform			10.	ug/L		mmb
	2,4-Dinitrotoluene	enviroform			10.	ug/L		mmb
	Acenaphthene	enviroform			10.	ug/L		mmb
	Dibenzofuran	enviroform			10.	ug/L		mmb
	4-Nitrophenol	enviroform			25.	ug/L		mmb
	Fluorene	enviroform			10.	ug/L		mmb
	4-Nitroaniline	enviroform			25.	ug/L		mmb
	4-Bromophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Hexachlorobenzene	enviroform			10.	ug/L		mmb
	Diethyl phthalate	enviroform			10.	ug/L		mmb

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 104
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-1
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	4-Chlorophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Pentachlorophenol	enviroform			25.	ug/L		mmb
	n-Nitrosodiphenylamine	enviroform			10.	ug/L		mmb
	4,6-Dinitro-2-methylphenol	enviroform			25.	ug/L		mmb
	Phenanthrene	enviroform			10.	ug/L		mmb
	Anthracene	enviroform			10.	ug/L		mmb
	Di-n-butyl phthalate	enviroform			10.	ug/L		mmb
	Fluoranthene	enviroform			10.	ug/L		mmb
	Pyrene	enviroform			10.	ug/L		mmb
	Butyl benzyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(a)anthracene	enviroform			10.	ug/L		mmb
	Chrysene	enviroform			10.	ug/L		mmb
	3,3-Dichlorobenzidine	enviroform			10.	ug/L		mmb
	Bis(2-ethylhexyl)phthalate	enviroform			10.	ug/L		mmb
	Di-n-octyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(b)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(k)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(a)pyrene	enviroform			10.	ug/L		mmb
	Indeno(1,2,3-cd)pyrene	enviroform			10.	ug/L		mmb
	Dibenzo(a,h)anthracene	enviroform			10.	ug/L		mmb
	Benzo(ghi)perylene	enviroform			10.	ug/L		mmb
SW846 8260B	Volatile Organics							
	Chloromethane	enviro			10.0	ug/L	09/05/03	aml
	Vinyl chloride	enviro			10.0	ug/L	09/05/03	aml
	Bromomethane	enviro			10.0	ug/L	09/05/03	aml
	Chloroethane	enviro			10.0	ug/L	09/05/03	aml
	1,1-Dichloroethene	enviro			10.0	ug/L	09/05/03	aml
	Carbon disulfide	enviro			10.0	ug/L	09/05/03	aml
	Acetone	enviro			10.0	ug/L	09/05/03	aml
	Methylene chloride	enviro			10.0	ug/L	09/05/03	aml
	1,1-Dichloroethane	enviro			10.0	ug/L	09/05/03	aml
	Vinyl acetate	enviro			10.0	ug/L	09/05/03	aml
	2-Butanone (MEK)	enviro			10.0	ug/L	09/05/03	aml
	Chloroform	enviro			10.0	ug/L	09/05/03	aml
	1,1,1-Trichloroethane	enviro			10.0	ug/L	09/05/03	aml
	Carbon tetrachloride	enviro			10.0	ug/L	09/05/03	aml
	1,2-Dichloroethene (total)	enviro			10.0	ug/L	09/05/03	aml
	Benzene	enviro			10.0	ug/L	09/05/03	aml
	1,2-Dichloroethane	enviro			10.0	ug/L	09/05/03	aml
	Trichloroethene	enviro			10.0	ug/L	09/05/03	aml
	1,2-Dichloropropane	enviro			10.0	ug/L	09/05/03	aml
	Bromodichloromethane	enviro			10.0	ug/L	09/05/03	aml
	2-Chloroethylvinylether	enviro			10.0	ug/L	09/05/03	aml
	cis-1,3-Dichloropropene	enviro			10.0	ug/L	09/05/03	aml
	4-Methyl-2-pentanone (MIBK)	enviro			10.0	ug/L	09/05/03	aml
	Toluene	enviro			10.0	ug/L	09/05/03	aml
	trans-1,3-Dichloropropene	enviro			10.0	ug/L	09/05/03	aml
	1,1,2-Trichloroethane	enviro			10.0	ug/L	09/05/03	aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 104
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-1
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Tetrachloroethene	enviro			10.0	ug/L	09/05/03	aml
	2-Hexanone	enviro			10.0	ug/L	09/05/03	aml
	Dibromochloromethane	enviro			10.0	ug/L	09/05/03	aml
	Chlorobenzene	enviro			10.0	ug/L	09/05/03	aml
	Ethylbenzene	enviro			10.0	ug/L	09/05/03	aml
	Styrene	enviro			10.0	ug/L	09/05/03	aml
	Bromoform	enviro			10.0	ug/L	09/05/03	aml
	1,1,2,2-Tetrachloroethane	enviro			10.0	ug/L	09/05/03	aml
	Xylenes (total)	enviro			10.0	ug/L	09/05/03	aml
	1,3-Dichlorobenzene	enviro			10.0	ug/L	09/05/03	aml
	1,4-Dichlorobenzene	enviro			10.0	ug/L	09/05/03	aml
	1,2-Dichlorobenzene	enviro			10.0	ug/L	09/05/03	aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 109
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-2
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 200.7	Acid Digestion (ICP)	Complete				Text	08/28/03	rmc
EPA 270.2	Selenium (Se)	5.0	U	SN	5.0	ug/L	09/08/03	rmc
EPA 245.1	Mercury (Hg)	0.20	U		0.20	ug/L	08/28/03	lms
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	09/03/03	ne
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	beta-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	delta-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	gamma-BHC (Lindane)	0.052	U		0.052	ug/L	09/11/03	smo
	Heptachlor	0.052	U		0.052	ug/L	09/11/03	smo
	Aldrin	0.052	U		0.052	ug/L	09/11/03	smo
	Heptachlor epoxide	0.052	U		0.052	ug/L	09/11/03	smo
	Endosulfan I	0.10	U		0.10	ug/L	09/11/03	smo
	Dieldrin	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDE	0.10	U		0.10	ug/L	09/11/03	smo
	Endrin	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan II	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDD	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan sulfate	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDT	0.10	U		0.10	ug/L	09/11/03	smo
	Methoxychlor	0.52	U		0.52	ug/L	09/11/03	smo
	Toxaphene	1.0	U		1.0	ug/L	09/11/03	smo
	Endrin aldehyde	0.10	U		0.10	ug/L	09/11/03	smo
	Technical Chlordane	0.52	U		0.52	ug/L	09/11/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Aluminum (Al)	9170			200	ug/L	09/09/03	mad
	Antimony (Sb)	60.0	U		60.0	ug/L	09/09/03	mad
	Arsenic (As)	10.0	U		10.0	ug/L	09/09/03	mad
	Barium (Ba)	200	U		200	ug/L	09/09/03	mad
	Beryllium (Be)	5.0	U		5.0	ug/L	09/09/03	mad
	Cadmium (Cd)	5.0	U		5.0	ug/L	09/09/03	mad
	Calcium (Ca)	156000			5000	ug/L	09/09/03	mad
	Chromium (Cr)	29.7			10.0	ug/L	09/09/03	mad
	Cobalt (Co)	50.0	U		50.0	ug/L	09/09/03	mad
	Copper (Cu)	25.0	U		25.0	ug/L	09/09/03	mad
	Iron (Fe)	29800		E	100	ug/L	09/09/03	mad
	Lead (Pb)	13.7			3.0	ug/L	09/09/03	mad
	Magnesium (Mg)	33600			5000	ug/L	09/09/03	mad
	Manganese (Mn)	7030			10.0	ug/L	09/09/03	mad
	Nickel (Ni)	72.9			40.0	ug/L	09/09/03	mad
	Potassium (K)	10300			10000	ug/L	09/09/03	mad
	Sodium (Na)	36500			5000	ug/L	09/09/03	mad
	Silver (Ag)	10.0	U		10.0	ug/L	09/09/03	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 109
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-2
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Thallium (Tl)	20.0	U	N	20.0	ug/L	09/10/03	mad
	Vanadium (V)	50.0	U		50.0	ug/L	09/09/03	mad
	Zinc (Zn)	70.1			20.0	ug/L	09/09/03	mad
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	enviroform			10.	ug/L		mmb
	Phenol	enviroform			10.	ug/L		mmb
	Bis(2-chloroethyl)ether	enviroform			10.	ug/L		mmb
	1,3-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,4-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,2-Dichlorobenzene	enviroform			10.	ug/L		mmb
	Benzyl alcohol	enviroform			10.	ug/L		mmb
	2-Methylphenol (o-cresol)	enviroform			10.	ug/L		mmb
	2,2-oxybis (1-chloropropane)	enviroform			10.	ug/L		mmb
	n-Nitroso-di-n-propylamine	enviroform			10.	ug/L		mmb
	Hexachloroethane	enviroform			10.	ug/L		mmb
	4-Methylphenol (m/p-cresol)	enviroform			10.	ug/L		mmb
	2-Chlorophenol	enviroform			10.	ug/L		mmb
	Nitrobenzene	enviroform			10.	ug/L		mmb
	Bis(2-chloroethoxy)methane	enviroform			10.	ug/L		mmb
	1,2,4-Trichlorobenzene	enviroform			10.	ug/L		mmb
	Isophorone	enviroform			10.	ug/L		mmb
	2,4-Dimethylphenol	enviroform			10.	ug/L		mmb
	Hexachlorobutadiene	enviroform			10.	ug/L		mmb
	Naphthalene	enviroform			10.	ug/L		mmb
	2,4-Dichlorophenol	enviroform			10.	ug/L		mmb
	4-Chloroaniline	enviroform			10.	ug/L		mmb
	2,4,6-Trichlorophenol	enviroform			10.	ug/L		mmb
	2,4,5-Trichlorophenol	enviroform			50.	ug/L		mmb
	Hexachlorocyclopentadiene	enviroform			10.	ug/L		mmb
	2-Methylnaphthalene	enviroform			10.	ug/L		mmb
	2-Nitroaniline	enviroform			25.	ug/L		mmb
	2-Chloronaphthalene	enviroform			10.	ug/L		mmb
	4-Chloro-3-methylphenol	enviroform			10.	ug/L		mmb
	2,6-Dinitrotoluene	enviroform			10.	ug/L		mmb
	2-Nitrophenol	enviroform			10.	ug/L		mmb
	3-Nitroaniline	enviroform			25	ug/L		mmb
	Dimethyl phthalate	enviroform			10.	ug/L		mmb
	2,4-Dinitrophenol	enviroform			25	ug/L		mmb
	Acenaphthylene	enviroform			10.	ug/L		mmb
	2,4-Dinitrotoluene	enviroform			10.	ug/L		mmb
	Acenaphthene	enviroform			10.	ug/L		mmb
	Dibenzofuran	enviroform			10.	ug/L		mmb
	4-Nitrophenol	enviroform			25.	ug/L		mmb
	Fluorene	enviroform			10.	ug/L		mmb
	4-Nitroaniline	enviroform			25.	ug/L		mmb
	4-Bromophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Hexachlorobenzene	enviroform			10.	ug/L		mmb
	Diethyl phthalate	enviroform			10.	ug/L		mmb

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 109
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-2
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	4-Chlorophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Pentachlorophenol	enviroform			25.	ug/L		mmb
	n-Nitrosodiphenylamine	enviroform			10.	ug/L		mmb
	4,6-Dinitro-2-methylphenol	enviroform			25.	ug/L		mmb
	Phenanthrene	enviroform			10.	ug/L		mmb
	Anthracene	enviroform			10.	ug/L		mmb
	Di-n-butyl phthalate	enviroform			10.	ug/L		mmb
	Fluoranthene	enviroform			10.	ug/L		mmb
	Pyrene	enviroform			10.	ug/L		mmb
	Butyl benzyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(a)anthracene	enviroform			10.	ug/L		mmb
	Chrysene	enviroform			10.	ug/L		mmb
	3,3-Dichlorobenzidine	enviroform			10.	ug/L		mmb
	Bis(2-ethylhexyl)phthalate	enviroform			10.	ug/L		mmb
	Di-n-octyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(b)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(k)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(a)pyrene	enviroform			10.	ug/L		mmb
	Indeno(1,2,3-cd)pyrene	enviroform			10.	ug/L		mmb
	Dibenzo(a,h)anthracene	enviroform			10.	ug/L		mmb
	Benzo(ghi)perylene	enviroform			10.	ug/L		mmb
SW846 8260B	Volatile Organics							
	Chloromethane	enviro			10.0	ug/L		aml
	Vinyl chloride	enviro			10.0	ug/L		aml
	Bromomethane	enviro			10.0	ug/L		aml
	Chloroethane	enviro			10.0	ug/L		aml
	1,1-Dichloroethene	enviro			10.0	ug/L		aml
	Carbon disulfide	enviro			10.0	ug/L		aml
	Acetone	enviro			10.0	ug/L		aml
	Methylene chloride	enviro			10.0	ug/L		aml
	1,1-Dichloroethane	enviro			10.0	ug/L		aml
	Vinyl acetate	enviro			10.0	ug/L		aml
	2-Butanone (MEK)	enviro			10.0	ug/L		aml
	Chloroform	enviro			10.0	ug/L		aml
	1,1,1-Trichloroethane	enviro			10.0	ug/L		aml
	Carbon tetrachloride	enviro			10.0	ug/L		aml
	1,2-Dichloroethene (total)	enviro			10.0	ug/L		aml
	Benzene	enviro			10.0	ug/L		aml
	1,2-Dichloroethane	enviro			10.0	ug/L		aml
	Trichloroethene	enviro			10.0	ug/L		aml
	1,2-Dichloropropane	enviro			10.0	ug/L		aml
	Bromodichloromethane	enviro			10.0	ug/L		aml
	2-Chloroethylvinylether	enviro			10.0	ug/L		aml
	cis-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	4-Methyl-2-pentanone (MIBK)	enviro			10.0	ug/L		aml
	Toluene	enviro			10.0	ug/L		aml
	trans-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	1,1,2-Trichloroethane	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 109
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-2
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Tetrachloroethene	enviro			10.0	ug/L		aml
	2-Hexanone	enviro			10.0	ug/L		aml
	Dibromochloromethane	enviro			10.0	ug/L		aml
	Chlorobenzene	enviro			10.0	ug/L		aml
	Ethylbenzene	enviro			10.0	ug/L		aml
	Styrene	enviro			10.0	ug/L		aml
	Bromoform	enviro			10.0	ug/L		aml
	1,1,2,2-Tetrachloroethane	enviro			10.0	ug/L		aml
	Xylenes (total)	enviro			10.0	ug/L		aml
	1,3-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,4-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,2-Dichlorobenzene	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 119
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-3
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 200.7	Acid Digestion (ICP)	Complete				Text	08/28/03	rmc
EPA 270.2	Selenium (Se)	25.0	U	SN	25.0	ug/L	09/08/03	rmc
EPA 245.1	Mercury (Hg)	0.20	U		0.20	ug/L	08/28/03	lms
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	09/03/03	ne
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	beta-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	delta-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	gamma-BHC (Lindane)	0.052	U		0.052	ug/L	09/11/03	smo
	Heptachlor	0.052	U		0.052	ug/L	09/11/03	smo
	Aldrin	0.052	U		0.052	ug/L	09/11/03	smo
	Heptachlor epoxide	0.052	U		0.052	ug/L	09/11/03	smo
	Endosulfan I	0.10	U		0.10	ug/L	09/11/03	smo
	Dieldrin	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDE	0.10	U		0.10	ug/L	09/11/03	smo
	Endrin	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan II	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDD	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan sulfate	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDT	0.10	U		0.10	ug/L	09/11/03	smo
	Methoxychlor	0.52	U		0.52	ug/L	09/11/03	smo
	Toxaphene	1.0	U		1.0	ug/L	09/11/03	smo
	Endrin aldehyde	0.10	U		0.10	ug/L	09/11/03	smo
	Technical Chlordane	0.52	U		0.52	ug/L	09/11/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Aluminum (Al)	1130			400	ug/L	09/09/03	mad
	Antimony (Sb)	120	U		120	ug/L	09/09/03	mad
	Arsenic (As)	20.0	U		20.0	ug/L	09/09/03	mad
	Barium (Ba)	400	U		400	ug/L	09/09/03	mad
	Beryllium (Be)	10.0	U		10.0	ug/L	09/09/03	mad
	Cadmium (Cd)	10.0	U		10.0	ug/L	09/09/03	mad
	Calcium (Ca)	366000			10000	ug/L	09/09/03	mad
	Chromium (Cr)	20.0	U		20.0	ug/L	09/09/03	mad
	Cobalt (Co)	100	U		100	ug/L	09/09/03	mad
	Copper (Cu)	50.0	U		50.0	ug/L	09/09/03	mad
	Iron (Fe)	7430		E	200	ug/L	09/09/03	mad
	Lead (Pb)	16.7			6.0	ug/L	09/09/03	mad
	Magnesium (Mg)	831000			10000	ug/L	09/09/03	mad
	Manganese (Mn)	839			20.0	ug/L	09/09/03	mad
	Nickel (Ni)	80.0	U		80.0	ug/L	09/09/03	mad
	Potassium (K)	402000			250000	ug/L	09/09/03	mad
	Sodium (Na)	7540000			250000	ug/L	09/09/03	mad
	Silver (Ag)	20.0	U		20.0	ug/L	09/09/03	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 119
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-3
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Thallium (Tl)	40.0	U	N	40.0	ug/L	09/10/03	mad
	Vanadium (V)	100	U		100	ug/L	09/09/03	mad
	Zinc (Zn)	70.1			40.0	ug/L	09/09/03	mad
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	enviroform			10.	ug/L		mmb
	Phenol	enviroform			10.	ug/L		mmb
	Bis(2-chloroethyl)ether	enviroform			10.	ug/L		mmb
	1,3-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,4-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,2-Dichlorobenzene	enviroform			10.	ug/L		mmb
	Benzyl alcohol	enviroform			10.	ug/L		mmb
	2-Methylphenol (o-cresol)	enviroform			10.	ug/L		mmb
	2,2-oxybis (1-chloropropane)	enviroform			10.	ug/L		mmb
	n-Nitroso-di-n-propylamine	enviroform			10.	ug/L		mmb
	Hexachloroethane	enviroform			10.	ug/L		mmb
	4-Methylphenol (m/p-cresol)	enviroform			10.	ug/L		mmb
	2-Chlorophenol	enviroform			10.	ug/L		mmb
	Nitrobenzene	enviroform			10.	ug/L		mmb
	Bis(2-chloroethoxy)methane	enviroform			10.	ug/L		mmb
	1,2,4-Trichlorobenzene	enviroform			10.	ug/L		mmb
	Isophorone	enviroform			10.	ug/L		mmb
	2,4-Dimethylphenol	enviroform			10.	ug/L		mmb
	Hexachlorobutadiene	enviroform			10.	ug/L		mmb
	Naphthalene	enviroform			10.	ug/L		mmb
	2,4-Dichlorophenol	enviroform			10.	ug/L		mmb
	4-Chloroaniline	enviroform			10.	ug/L		mmb
	2,4,6-Trichlorophenol	enviroform			10.	ug/L		mmb
	2,4,5-Trichlorophenol	enviroform			50.	ug/L		mmb
	Hexachlorocyclopentadiene	enviroform			10.	ug/L		mmb
	2-Methylnaphthalene	enviroform			10.	ug/L		mmb
	2-Nitroaniline	enviroform			25.	ug/L		mmb
	2-Chloronaphthalene	enviroform			10.	ug/L		mmb
	4-Chloro-3-methylphenol	enviroform			10.	ug/L		mmb
	2,6-Dinitrotoluene	enviroform			10.	ug/L		mmb
	2-Nitrophenol	enviroform			10.	ug/L		mmb
	3-Nitroaniline	enviroform			25	ug/L		mmb
	Dimethyl phthalate	enviroform			10.	ug/L		mmb
	2,4-Dinitrophenol	enviroform			25	ug/L		mmb
	Acenaphthylene	enviroform			10.	ug/L		mmb
	2,4-Dinitrotoluene	enviroform			10.	ug/L		mmb
	Acenaphthene	enviroform			10.	ug/L		mmb
	Dibenzofuran	enviroform			10.	ug/L		mmb
	4-Nitrophenol	enviroform			25.	ug/L		mmb
	Fluorene	enviroform			10.	ug/L		mmb
	4-Nitroaniline	enviroform			25.	ug/L		mmb
	4-Bromophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Hexachlorobenzene	enviroform			10.	ug/L		mmb
	Diethyl phthalate	enviroform			10.	ug/L		mmb

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 119
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-3
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	4-Chlorophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Pentachlorophenol	enviroform			25.	ug/L		mmb
	n-Nitrosodiphenylamine	enviroform			10.	ug/L		mmb
	4,6-Dinitro-2-methylphenol	enviroform			25.	ug/L		mmb
	Phenanthrene	enviroform			10.	ug/L		mmb
	Anthracene	enviroform			10.	ug/L		mmb
	Di-n-butyl phthalate	enviroform			10.	ug/L		mmb
	Fluoranthene	enviroform			10.	ug/L		mmb
	Pyrene	enviroform			10.	ug/L		mmb
	Butyl benzyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(a)anthracene	enviroform			10.	ug/L		mmb
	Chrysene	enviroform			10.	ug/L		mmb
	3,3-Dichlorobenzidine	enviroform			10.	ug/L		mmb
	Bis(2-ethylhexyl)phthalate	enviroform			10.	ug/L		mmb
	Di-n-octyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(b)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(k)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(a)pyrene	enviroform			10.	ug/L		mmb
	Indeno(1,2,3-cd)pyrene	enviroform			10.	ug/L		mmb
	Dibenzo(a,h)anthracene	enviroform			10.	ug/L		mmb
	Benzo(ghi)perylene	enviroform			10.	ug/L		mmb
SW846 8260B	Volatile Organics							
	Chloromethane	enviro			10.0	ug/L		aml
	Vinyl chloride	enviro			10.0	ug/L		aml
	Bromomethane	enviro			10.0	ug/L		aml
	Chloroethane	enviro			10.0	ug/L		aml
	1,1-Dichloroethene	enviro			10.0	ug/L		aml
	Carbon disulfide	enviro			10.0	ug/L		aml
	Acetone	enviro			10.0	ug/L		aml
	Methylene chloride	enviro			10.0	ug/L		aml
	1,1-Dichloroethane	enviro			10.0	ug/L		aml
	Vinyl acetate	enviro			10.0	ug/L		aml
	2-Butanone (MEK)	enviro			10.0	ug/L		aml
	Chloroform	enviro			10.0	ug/L		aml
	1,1,1-Trichloroethane	enviro			10.0	ug/L		aml
	Carbon tetrachloride	enviro			10.0	ug/L		aml
	1,2-Dichloroethene (total)	enviro			10.0	ug/L		aml
	Benzene	enviro			10.0	ug/L		aml
	1,2-Dichloroethane	enviro			10.0	ug/L		aml
	Trichloroethene	enviro			10.0	ug/L		aml
	1,2-Dichloropropane	enviro			10.0	ug/L		aml
	Bromodichloromethane	enviro			10.0	ug/L		aml
	2-Chloroethylvinylether	enviro			10.0	ug/L		aml
	cis-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	4-Methyl-2-pentanone (MIBK)	enviro			10.0	ug/L		aml
	Toluene	enviro			10.0	ug/L		aml
	trans-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	1,1,2-Trichloroethane	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 119
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-3
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Tetrachloroethene	enviro			10.0	ug/L		aml
	2-Hexanone	enviro			10.0	ug/L		aml
	Dibromochloromethane	enviro			10.0	ug/L		aml
	Chlorobenzene	enviro			10.0	ug/L		aml
	Ethylbenzene	enviro			10.0	ug/L		aml
	Styrene	enviro			10.0	ug/L		aml
	Bromoform	enviro			10.0	ug/L		aml
	1,1,2,2-Tetrachloroethane	enviro			10.0	ug/L		aml
	Xylenes (total)	enviro			10.0	ug/L		aml
	1,3-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,4-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,2-Dichlorobenzene	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 120B
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-4
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 200.7	Acid Digestion (ICP)	Complete				Text	08/28/03	rmc
EPA 270.2	Selenium (Se)	25.0	U	+N	25.0	ug/L	09/08/03	rmc
EPA 245.1	Mercury (Hg)	0.20	U		0.20	ug/L	08/28/03	lms
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	09/03/03	ne
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.051	U		0.051	ug/L	09/11/03	smo
	beta-BHC	0.051	U		0.051	ug/L	09/11/03	smo
	delta-BHC	0.051	U		0.051	ug/L	09/11/03	smo
	gamma-BHC (Lindane)	0.051	U		0.051	ug/L	09/11/03	smo
	Heptachlor	0.051	U		0.051	ug/L	09/11/03	smo
	Aldrin	0.051	U		0.051	ug/L	09/11/03	smo
	Heptachlor epoxide	0.051	U		0.051	ug/L	09/11/03	smo
	Endosulfan I	0.10	U		0.10	ug/L	09/11/03	smo
	Dieldrin	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDE	0.10	U		0.10	ug/L	09/11/03	smo
	Endrin	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan II	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDD	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan sulfate	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDT	0.10	U		0.10	ug/L	09/11/03	smo
	Methoxychlor	0.51	U		0.51	ug/L	09/11/03	smo
	Toxaphene	1.0	U		1.0	ug/L	09/11/03	smo
	Endrin aldehyde	0.10	U		0.10	ug/L	09/11/03	smo
	Technical Chlordane	0.51	U		0.51	ug/L	09/11/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Aluminum (Al)	400	U		400	ug/L	09/09/03	mad
	Antimony (Sb)	120	U		120	ug/L	09/09/03	mad
	Arsenic (As)	20.0	U		20.0	ug/L	09/09/03	mad
	Barium (Ba)	523			400	ug/L	09/09/03	mad
	Beryllium (Be)	10.0	U		10.0	ug/L	09/09/03	mad
	Cadmium (Cd)	10.0	U		10.0	ug/L	09/09/03	mad
	Calcium (Ca)	318000			10000	ug/L	09/09/03	mad
	Chromium (Cr)	30.5			20.0	ug/L	09/09/03	mad
	Cobalt (Co)	100	U		100	ug/L	09/09/03	mad
	Copper (Cu)	50.0	U		50.0	ug/L	09/09/03	mad
	Iron (Fe)	1310		E	200	ug/L	09/09/03	mad
	Lead (Pb)	10.2			6.0	ug/L	09/09/03	mad
	Magnesium (Mg)	733000			10000	ug/L	09/09/03	mad
	Manganese (Mn)	484			20.0	ug/L	09/09/03	mad
	Nickel (Ni)	80.0	U		80.0	ug/L	09/09/03	mad
	Potassium (K)	440000			250000	ug/L	09/09/03	mad
	Sodium (Na)	6790000			250000	ug/L	09/09/03	mad
	Silver (Ag)	20.0	U		20.0	ug/L	09/09/03	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 120B
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-4
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Thallium (Tl)	40.0	U	N	40.0	ug/L	09/10/03	mad
	Vanadium (V)	100	U		100	ug/L	09/09/03	mad
	Zinc (Zn)	40.6			40.0	ug/L	09/09/03	mad
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	enviroform			10.	ug/L		mmb
	Phenol	enviroform			10.	ug/L		mmb
	Bis(2-chloroethyl)ether	enviroform			10.	ug/L		mmb
	1,3-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,4-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,2-Dichlorobenzene	enviroform			10.	ug/L		mmb
	Benzyl alcohol	enviroform			10.	ug/L		mmb
	2-Methylphenol (o-cresol)	enviroform			10.	ug/L		mmb
	2,2-oxybis (1-chloropropane)	enviroform			10.	ug/L		mmb
	n-Nitroso-di-n-propylamine	enviroform			10.	ug/L		mmb
	Hexachloroethane	enviroform			10.	ug/L		mmb
	4-Methylphenol (m/p-cresol)	enviroform			10.	ug/L		mmb
	2-Chlorophenol	enviroform			10.	ug/L		mmb
	Nitrobenzene	enviroform			10.	ug/L		mmb
	Bis(2-chloroethoxy)methane	enviroform			10.	ug/L		mmb
	1,2,4-Trichlorobenzene	enviroform			10.	ug/L		mmb
	Isophorone	enviroform			10.	ug/L		mmb
	2,4-Dimethylphenol	enviroform			10.	ug/L		mmb
	Hexachlorobutadiene	enviroform			10.	ug/L		mmb
	Naphthalene	enviroform			10.	ug/L		mmb
	2,4-Dichlorophenol	enviroform			10.	ug/L		mmb
	4-Chloroaniline	enviroform			10.	ug/L		mmb
	2,4,6-Trichlorophenol	enviroform			10.	ug/L		mmb
	2,4,5-Trichlorophenol	enviroform			50.	ug/L		mmb
	Hexachlorocyclopentadiene	enviroform			10.	ug/L		mmb
	2-Methylnaphthalene	enviroform			10.	ug/L		mmb
	2-Nitroaniline	enviroform			25.	ug/L		mmb
	2-Chloronaphthalene	enviroform			10.	ug/L		mmb
	4-Chloro-3-methylphenol	enviroform			10.	ug/L		mmb
	2,6-Dinitrotoluene	enviroform			10.	ug/L		mmb
	2-Nitrophenol	enviroform			10.	ug/L		mmb
	3-Nitroaniline	enviroform			25	ug/L		mmb
	Dimethyl phthalate	enviroform			10.	ug/L		mmb
	2,4-Dinitrophenol	enviroform			25	ug/L		mmb
	Acenaphthylene	enviroform			10.	ug/L		mmb
	2,4-Dinitrotoluene	enviroform			10.	ug/L		mmb
	Acenaphthene	enviroform			10.	ug/L		mmb
	Dibenzofuran	enviroform			10.	ug/L		mmb
	4-Nitrophenol	enviroform			25.	ug/L		mmb
	Fluorene	enviroform			10.	ug/L		mmb
	4-Nitroaniline	enviroform			25.	ug/L		mmb
	4-Bromophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Hexachlorobenzene	enviroform			10.	ug/L		mmb
	Diethyl phthalate	enviroform			10.	ug/L		mmb

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 120B
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-4
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	4-Chlorophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Pentachlorophenol	enviroform			25.	ug/L		mmb
	n-Nitrosodiphenylamine	enviroform			10.	ug/L		mmb
	4,6-Dinitro-2-methylphenol	enviroform			25.	ug/L		mmb
	Phenanthrene	enviroform			10.	ug/L		mmb
	Anthracene	enviroform			10.	ug/L		mmb
	Di-n-butyl phthalate	enviroform			10.	ug/L		mmb
	Fluoranthene	enviroform			10.	ug/L		mmb
	Pyrene	enviroform			10.	ug/L		mmb
	Butyl benzyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(a)anthracene	enviroform			10.	ug/L		mmb
	Chrysene	enviroform			10.	ug/L		mmb
	3,3-Dichlorobenzidine	enviroform			10.	ug/L		mmb
	Bis(2-ethylhexyl)phthalate	enviroform			10.	ug/L		mmb
	Di-n-octyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(b)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(k)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(a)pyrene	enviroform			10.	ug/L		mmb
	Indeno(1,2,3-cd)pyrene	enviroform			10.	ug/L		mmb
	Dibenzo(a,h)anthracene	enviroform			10.	ug/L		mmb
	Benzo(ghi)perylene	enviroform			10.	ug/L		mmb
SW846 8260B	Volatile Organics							
	Chloromethane	enviro			10.0	ug/L		aml
	Vinyl chloride	enviro			10.0	ug/L		aml
	Bromomethane	enviro			10.0	ug/L		aml
	Chloroethane	enviro			10.0	ug/L		aml
	1,1-Dichloroethene	enviro			10.0	ug/L		aml
	Carbon disulfide	enviro			10.0	ug/L		aml
	Acetone	enviro			10.0	ug/L		aml
	Methylene chloride	enviro			10.0	ug/L		aml
	1,1-Dichloroethane	enviro			10.0	ug/L		aml
	Vinyl acetate	enviro			10.0	ug/L		aml
	2-Butanone (MEK)	enviro			10.0	ug/L		aml
	Chloroform	enviro			10.0	ug/L		aml
	1,1,1-Trichloroethane	enviro			10.0	ug/L		aml
	Carbon tetrachloride	enviro			10.0	ug/L		aml
	1,2-Dichloroethene (total)	enviro			10.0	ug/L		aml
	Benzene	enviro			10.0	ug/L		aml
	1,2-Dichloroethane	enviro			10.0	ug/L		aml
	Trichloroethene	enviro			10.0	ug/L		aml
	1,2-Dichloropropane	enviro			10.0	ug/L		aml
	Bromodichloromethane	enviro			10.0	ug/L		aml
	2-Chloroethylvinylether	enviro			10.0	ug/L		aml
	cis-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	4-Methyl-2-pentanone (MIBK)	enviro			10.0	ug/L		aml
	Toluene	enviro			10.0	ug/L		aml
	trans-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	1,1,2-Trichloroethane	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 120B
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-4
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Tetrachloroethene	enviro			10.0	ug/L		aml
	2-Hexanone	enviro			10.0	ug/L		aml
	Dibromochloromethane	enviro			10.0	ug/L		aml
	Chlorobenzene	enviro			10.0	ug/L		aml
	Ethylbenzene	enviro			10.0	ug/L		aml
	Styrene	enviro			10.0	ug/L		aml
	Bromoform	enviro			10.0	ug/L		aml
	1,1,2,2-Tetrachloroethane	enviro			10.0	ug/L		aml
	Xylenes (total)	enviro			10.0	ug/L		aml
	1,3-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,4-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,2-Dichlorobenzene	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 120
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-5
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 200.7	Acid Digestion (ICP)	Complete				Text	08/28/03	rmc
EPA 270.2	Selenium (Se)	25.0	U	SN	25.0	ug/L	09/08/03	rmc
EPA 245.1	Mercury (Hg)	0.20	U		0.20	ug/L	08/28/03	lms
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	09/03/03	ne
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	beta-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	delta-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	gamma-BHC (Lindane)	0.052	U		0.052	ug/L	09/11/03	smo
	Heptachlor	0.052	U		0.052	ug/L	09/11/03	smo
	Aldrin	0.052	U		0.052	ug/L	09/11/03	smo
	Heptachlor epoxide	0.052	U		0.052	ug/L	09/11/03	smo
	Endosulfan I	0.10	U		0.10	ug/L	09/11/03	smo
	Dieldrin	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDE	0.10	U		0.10	ug/L	09/11/03	smo
	Endrin	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan II	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDD	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan sulfate	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDT	0.10	U		0.10	ug/L	09/11/03	smo
	Methoxychlor	0.52	U		0.52	ug/L	09/11/03	smo
	Toxaphene	1.0	U		1.0	ug/L	09/11/03	smo
	Endrin aldehyde	0.10	U		0.10	ug/L	09/11/03	smo
	Technical Chlordane	0.52	U		0.52	ug/L	09/11/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Aluminum (Al)	400	U		400	ug/L	09/09/03	mad
	Antimony (Sb)	120	U		120	ug/L	09/09/03	mad
	Arsenic (As)	20.0	U		20.0	ug/L	09/09/03	mad
	Barium (Ba)	400	U		400	ug/L	09/09/03	mad
	Beryllium (Be)	10.0	U		10.0	ug/L	09/09/03	mad
	Cadmium (Cd)	10.0	U		10.0	ug/L	09/09/03	mad
	Calcium (Ca)	653000			10000	ug/L	09/09/03	mad
	Chromium (Cr)	20.0	U		20.0	ug/L	09/09/03	mad
	Cobalt (Co)	100	U		100	ug/L	09/09/03	mad
	Copper (Cu)	50.0	U		50.0	ug/L	09/09/03	mad
	Iron (Fe)	3410		E	200	ug/L	09/09/03	mad
	Lead (Pb)	6.0	U		6.0	ug/L	09/09/03	mad
	Magnesium (Mg)	650000			10000	ug/L	09/09/03	mad
	Manganese (Mn)	1420			20.0	ug/L	09/09/03	mad
	Nickel (Ni)	80.0	U		80.0	ug/L	09/09/03	mad
	Potassium (K)	208000			125000	ug/L	09/09/03	mad
	Sodium (Na)	6960000			250000	ug/L	09/09/03	mad
	Silver (Ag)	20.0	U		20.0	ug/L	09/09/03	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 120
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-5
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Thallium (Tl)	40.0	U	N	40.0	ug/L	09/10/03	mad
	Vanadium (V)	100	U		100	ug/L	09/09/03	mad
	Zinc (Zn)	40.0	U		40.0	ug/L	09/09/03	mad
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	enviroform			10.	ug/L		mmb
	Phenol	enviroform			10.	ug/L		mmb
	Bis(2-chloroethyl)ether	enviroform			10.	ug/L		mmb
	1,3-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,4-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,2-Dichlorobenzene	enviroform			10.	ug/L		mmb
	Benzyl alcohol	enviroform			10.	ug/L		mmb
	2-Methylphenol (o-cresol)	enviroform			10.	ug/L		mmb
	2,2-oxybis (1-chloropropane)	enviroform			10.	ug/L		mmb
	n-Nitroso-di-n-propylamine	enviroform			10.	ug/L		mmb
	Hexachloroethane	enviroform			10.	ug/L		mmb
	4-Methylphenol (m/p-cresol)	enviroform			10.	ug/L		mmb
	2-Chlorophenol	enviroform			10.	ug/L		mmb
	Nitrobenzene	enviroform			10.	ug/L		mmb
	Bis(2-chloroethoxy)methane	enviroform			10.	ug/L		mmb
	1,2,4-Trichlorobenzene	enviroform			10.	ug/L		mmb
	Isophorone	enviroform			10.	ug/L		mmb
	2,4-Dimethylphenol	enviroform			10.	ug/L		mmb
	Hexachlorobutadiene	enviroform			10.	ug/L		mmb
	Naphthalene	enviroform			10.	ug/L		mmb
	2,4-Dichlorophenol	enviroform			10.	ug/L		mmb
	4-Chloroaniline	enviroform			10.	ug/L		mmb
	2,4,6-Trichlorophenol	enviroform			10.	ug/L		mmb
	2,4,5-Trichlorophenol	enviroform			50.	ug/L		mmb
	Hexachlorocyclopentadiene	enviroform			10.	ug/L		mmb
	2-Methylnaphthalene	enviroform			10.	ug/L		mmb
	2-Nitroaniline	enviroform			25.	ug/L		mmb
	2-Chloronaphthalene	enviroform			10.	ug/L		mmb
	4-Chloro-3-methylphenol	enviroform			10.	ug/L		mmb
	2,6-Dinitrotoluene	enviroform			10.	ug/L		mmb
	2-Nitrophenol	enviroform			10.	ug/L		mmb
	3-Nitroaniline	enviroform			25	ug/L		mmb
	Dimethyl phthalate	enviroform			10.	ug/L		mmb
	2,4-Dinitrophenol	enviroform			25	ug/L		mmb
	Acenaphthylene	enviroform			10.	ug/L		mmb
	2,4-Dinitrotoluene	enviroform			10.	ug/L		mmb
	Acenaphthene	enviroform			10.	ug/L		mmb
	Dibenzofuran	enviroform			10.	ug/L		mmb
	4-Nitrophenol	enviroform			25.	ug/L		mmb
	Fluorene	enviroform			10.	ug/L		mmb
	4-Nitroaniline	enviroform			25.	ug/L		mmb
	4-Bromophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Hexachlorobenzene	enviroform			10.	ug/L		mmb
	Diethyl phthalate	enviroform			10.	ug/L		mmb

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 120
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-5
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	4-Chlorophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Pentachlorophenol	enviroform			25.	ug/L		mmb
	n-Nitrosodiphenylamine	enviroform			10.	ug/L		mmb
	4,6-Dinitro-2-methylphenol	enviroform			25.	ug/L		mmb
	Phenanthrene	enviroform			10.	ug/L		mmb
	Anthracene	enviroform			10.	ug/L		mmb
	Di-n-butyl phthalate	enviroform			10.	ug/L		mmb
	Fluoranthene	enviroform			10.	ug/L		mmb
	Pyrene	enviroform			10.	ug/L		mmb
	Butyl benzyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(a)anthracene	enviroform			10.	ug/L		mmb
	Chrysene	enviroform			10.	ug/L		mmb
	3,3-Dichlorobenzidine	enviroform			10.	ug/L		mmb
	Bis(2-ethylhexyl)phthalate	enviroform			10.	ug/L		mmb
	Di-n-octyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(b)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(k)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(a)pyrene	enviroform			10.	ug/L		mmb
	Indeno(1,2,3-cd)pyrene	enviroform			10.	ug/L		mmb
	Dibenzo(a,h)anthracene	enviroform			10.	ug/L		mmb
	Benzo(ghi)perylene	enviroform			10.	ug/L		mmb
SW846 8260B	Volatile Organics							
	Chloromethane	enviro			10.0	ug/L		aml
	Vinyl chloride	enviro			10.0	ug/L		aml
	Bromomethane	enviro			10.0	ug/L		aml
	Chloroethane	enviro			10.0	ug/L		aml
	1,1-Dichloroethene	enviro			10.0	ug/L		aml
	Carbon disulfide	enviro			10.0	ug/L		aml
	Acetone	enviro			10.0	ug/L		aml
	Methylene chloride	enviro			10.0	ug/L		aml
	1,1-Dichloroethane	enviro			10.0	ug/L		aml
	Vinyl acetate	enviro			10.0	ug/L		aml
	2-Butanone (MEK)	enviro			10.0	ug/L		aml
	Chloroform	enviro			10.0	ug/L		aml
	1,1,1-Trichloroethane	enviro			10.0	ug/L		aml
	Carbon tetrachloride	enviro			10.0	ug/L		aml
	1,2-Dichloroethene (total)	enviro			10.0	ug/L		aml
	Benzene	enviro			10.0	ug/L		aml
	1,2-Dichloroethane	enviro			10.0	ug/L		aml
	Trichloroethene	enviro			10.0	ug/L		aml
	1,2-Dichloropropane	enviro			10.0	ug/L		aml
	Bromodichloromethane	enviro			10.0	ug/L		aml
	2-Chloroethylvinylether	enviro			10.0	ug/L		aml
	cis-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	4-Methyl-2-pentanone (MIBK)	enviro			10.0	ug/L		aml
	Toluene	enviro			10.0	ug/L		aml
	trans-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	1,1,2-Trichloroethane	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 120
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-5
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Tetrachloroethene	enviro			10.0	ug/L		aml
	2-Hexanone	enviro			10.0	ug/L		aml
	Dibromochloromethane	enviro			10.0	ug/L		aml
	Chlorobenzene	enviro			10.0	ug/L		aml
	Ethylbenzene	enviro			10.0	ug/L		aml
	Styrene	enviro			10.0	ug/L		aml
	Bromoform	enviro			10.0	ug/L		aml
	1,1,2,2-Tetrachloroethane	enviro			10.0	ug/L		aml
	Xylenes (total)	enviro			10.0	ug/L		aml
	1,3-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,4-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,2-Dichlorobenzene	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 121
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-6
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 200.7	Acid Digestion (ICP)	Complete				Text	08/28/03	rmc
EPA 270.2	Selenium (Se)	25.0	U	+N	25.0	ug/L	09/08/03	rmc
EPA 245.1	Mercury (Hg)	0.20	U		0.20	ug/L	08/28/03	lms
SM18 4500CNE	Cyanide, Total	0.0160			0.0100	mg/L	09/03/03	ne
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	beta-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	delta-BHC	0.052	U		0.052	ug/L	09/11/03	smo
	gamma-BHC (Lindane)	0.052	U		0.052	ug/L	09/11/03	smo
	Heptachlor	0.052	U		0.052	ug/L	09/11/03	smo
	Aldrin	0.052	U		0.052	ug/L	09/11/03	smo
	Heptachlor epoxide	0.052	U		0.052	ug/L	09/11/03	smo
	Endosulfan I	0.10	U		0.10	ug/L	09/11/03	smo
	Dieldrin	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDE	0.10	U		0.10	ug/L	09/11/03	smo
	Endrin	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan II	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDD	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan sulfate	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDT	0.10	U		0.10	ug/L	09/11/03	smo
	Methoxychlor	0.52	U		0.52	ug/L	09/11/03	smo
	Toxaphene	1.0	U		1.0	ug/L	09/11/03	smo
	Endrin aldehyde	0.10	U		0.10	ug/L	09/11/03	smo
	Technical Chlordane	0.52	U		0.52	ug/L	09/11/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Aluminum (Al)	3720			200	ug/L	09/09/03	mad
	Antimony (Sb)	60.0	U		60.0	ug/L	09/09/03	mad
	Arsenic (As)	10.0	U		10.0	ug/L	09/09/03	mad
	Barium (Ba)	391			200	ug/L	09/09/03	mad
	Beryllium (Be)	5.0	U		5.0	ug/L	09/09/03	mad
	Cadmium (Cd)	5.0	U		5.0	ug/L	09/09/03	mad
	Calcium (Ca)	43800			5000	ug/L	09/09/03	mad
	Chromium (Cr)	83.4			10.0	ug/L	09/09/03	mad
	Cobalt (Co)	50.0	U		50.0	ug/L	09/09/03	mad
	Copper (Cu)	25.0	U		25.0	ug/L	09/09/03	mad
	Iron (Fe)	5530		E	100	ug/L	09/09/03	mad
	Lead (Pb)	43.1			3.0	ug/L	09/09/03	mad
	Magnesium (Mg)	150000			5000	ug/L	09/09/03	mad
	Manganese (Mn)	305			10.0	ug/L	09/09/03	mad
	Nickel (Ni)	191			40.0	ug/L	09/09/03	mad
	Potassium (K)	304000			250000	ug/L	09/09/03	mad
	Sodium (Na)	3120000			100000	ug/L	09/09/03	mad
	Silver (Ag)	10.0	U		10.0	ug/L	09/09/03	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 121
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-6
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Thallium (Tl)	20.0	U	N	20.0	ug/L	09/10/03	mad
	Vanadium (V)	60.6			50.0	ug/L	09/09/03	mad
	Zinc (Zn)	104			20.0	ug/L	09/09/03	mad
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	enviroform			10.	ug/L		mmb
	Phenol	enviroform			10.	ug/L		mmb
	Bis(2-chloroethyl)ether	enviroform			10.	ug/L		mmb
	1,3-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,4-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,2-Dichlorobenzene	enviroform			10.	ug/L		mmb
	Benzyl alcohol	enviroform			10.	ug/L		mmb
	2-Methylphenol (o-cresol)	enviroform			10.	ug/L		mmb
	2,2-oxybis (1-chloropropane)	enviroform			10.	ug/L		mmb
	n-Nitroso-di-n-propylamine	enviroform			10.	ug/L		mmb
	Hexachloroethane	enviroform			10.	ug/L		mmb
	4-Methylphenol (m/p-cresol)	enviroform			10.	ug/L		mmb
	2-Chlorophenol	enviroform			10.	ug/L		mmb
	Nitrobenzene	enviroform			10.	ug/L		mmb
	Bis(2-chloroethoxy)methane	enviroform			10.	ug/L		mmb
	1,2,4-Trichlorobenzene	enviroform			10.	ug/L		mmb
	Isophorone	enviroform			10.	ug/L		mmb
	2,4-Dimethylphenol	enviroform			10.	ug/L		mmb
	Hexachlorobutadiene	enviroform			10.	ug/L		mmb
	Naphthalene	enviroform			10.	ug/L		mmb
	2,4-Dichlorophenol	enviroform			10.	ug/L		mmb
	4-Chloroaniline	enviroform			10.	ug/L		mmb
	2,4,6-Trichlorophenol	enviroform			10.	ug/L		mmb
	2,4,5-Trichlorophenol	enviroform			50.	ug/L		mmb
	Hexachlorocyclopentadiene	enviroform			10.	ug/L		mmb
	2-Methylnaphthalene	enviroform			10.	ug/L		mmb
	2-Nitroaniline	enviroform			25.	ug/L		mmb
	2-Chloronaphthalene	enviroform			10.	ug/L		mmb
	4-Chloro-3-methylphenol	enviroform			10.	ug/L		mmb
	2,6-Dinitrotoluene	enviroform			10.	ug/L		mmb
	2-Nitrophenol	enviroform			10.	ug/L		mmb
	3-Nitroaniline	enviroform			25	ug/L		mmb
	Dimethyl phthalate	enviroform			10.	ug/L		mmb
	2,4-Dinitrophenol	enviroform			25	ug/L		mmb
	Acenaphthylene	enviroform			10.	ug/L		mmb
	2,4-Dinitrotoluene	enviroform			10.	ug/L		mmb
	Acenaphthene	enviroform			10.	ug/L		mmb
	Dibenzofuran	enviroform			10.	ug/L		mmb
	4-Nitrophenol	enviroform			25.	ug/L		mmb
	Fluorene	enviroform			10.	ug/L		mmb
	4-Nitroaniline	enviroform			25.	ug/L		mmb
	4-Bromophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Hexachlorobenzene	enviroform			10.	ug/L		mmb
	Diethyl phthalate	enviroform			10.	ug/L		mmb

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 121
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-6
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	4-Chlorophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Pentachlorophenol	enviroform			25.	ug/L		mmb
	n-Nitrosodiphenylamine	enviroform			10.	ug/L		mmb
	4,6-Dinitro-2-methylphenol	enviroform			25.	ug/L		mmb
	Phenanthrene	enviroform			10.	ug/L		mmb
	Anthracene	enviroform			10.	ug/L		mmb
	Di-n-butyl phthalate	enviroform			10.	ug/L		mmb
	Fluoranthene	enviroform			10.	ug/L		mmb
	Pyrene	enviroform			10.	ug/L		mmb
	Butyl benzyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(a)anthracene	enviroform			10.	ug/L		mmb
	Chrysene	enviroform			10.	ug/L		mmb
	3,3-Dichlorobenzidine	enviroform			10.	ug/L		mmb
	Bis(2-ethylhexyl)phthalate	enviroform			10.	ug/L		mmb
	Di-n-octyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(b)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(k)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(a)pyrene	enviroform			10.	ug/L		mmb
	Indeno(1,2,3-cd)pyrene	enviroform			10.	ug/L		mmb
	Dibenzo(a,h)anthracene	enviroform			10.	ug/L		mmb
	Benzo(ghi)perylene	enviroform			10.	ug/L		mmb
SW846 8260B	Volatile Organics							
	Chloromethane	enviro			10.0	ug/L		aml
	Vinyl chloride	enviro			10.0	ug/L		aml
	Bromomethane	enviro			10.0	ug/L		aml
	Chloroethane	enviro			10.0	ug/L		aml
	1,1-Dichloroethene	enviro			10.0	ug/L		aml
	Carbon disulfide	enviro			10.0	ug/L		aml
	Acetone	enviro			10.0	ug/L		aml
	Methylene chloride	enviro			10.0	ug/L		aml
	1,1-Dichloroethane	enviro			10.0	ug/L		aml
	Vinyl acetate	enviro			10.0	ug/L		aml
	2-Butanone (MEK)	enviro			10.0	ug/L		aml
	Chloroform	enviro			10.0	ug/L		aml
	1,1,1-Trichloroethane	enviro			10.0	ug/L		aml
	Carbon tetrachloride	enviro			10.0	ug/L		aml
	1,2-Dichloroethene (total)	enviro			10.0	ug/L		aml
	Benzene	enviro			10.0	ug/L		aml
	1,2-Dichloroethane	enviro			10.0	ug/L		aml
	Trichloroethene	enviro			10.0	ug/L		aml
	1,2-Dichloropropane	enviro			10.0	ug/L		aml
	Bromodichloromethane	enviro			10.0	ug/L		aml
	2-Chloroethylvinylether	enviro			10.0	ug/L		aml
	cis-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	4-Methyl-2-pentanone (MIBK)	enviro			10.0	ug/L		aml
	Toluene	enviro			10.0	ug/L		aml
	trans-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	1,1,2-Trichloroethane	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 121
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-6
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Tetrachloroethene	enviro			10.0	ug/L		aml
	2-Hexanone	enviro			10.0	ug/L		aml
	Dibromochloromethane	enviro			10.0	ug/L		aml
	Chlorobenzene	enviro			10.0	ug/L		aml
	Ethylbenzene	enviro			10.0	ug/L		aml
	Styrene	enviro			10.0	ug/L		aml
	Bromoform	enviro			10.0	ug/L		aml
	1,1,2,2-Tetrachloroethane	enviro			10.0	ug/L		aml
	Xylenes (total)	enviro			10.0	ug/L		aml
	1,3-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,4-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,2-Dichlorobenzene	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 122
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-7
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 200.7	Acid Digestion (ICP)	Complete				Text	08/28/03	rmc
EPA 270.2	Selenium (Se)	25.0	U	SN	25.0	ug/L	09/08/03	rmc
EPA 245.1	Mercury (Hg)	0.20	U		0.20	ug/L	08/28/03	lms
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	09/03/03	ne
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.051	U		0.051	ug/L	09/11/03	smo
	beta-BHC	0.051	U		0.051	ug/L	09/11/03	smo
	delta-BHC	0.051	U		0.051	ug/L	09/11/03	smo
	gamma-BHC (Lindane)	0.051	U		0.051	ug/L	09/11/03	smo
	Heptachlor	0.051	U		0.051	ug/L	09/11/03	smo
	Aldrin	0.051	U		0.051	ug/L	09/11/03	smo
	Heptachlor epoxide	0.051	U		0.051	ug/L	09/11/03	smo
	Endosulfan I	0.10	U		0.10	ug/L	09/11/03	smo
	Dieldrin	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDE	0.10	U		0.10	ug/L	09/11/03	smo
	Endrin	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan II	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDD	0.10	U		0.10	ug/L	09/11/03	smo
	Endosulfan sulfate	0.10	U		0.10	ug/L	09/11/03	smo
	4,4'-DDT	0.10	U		0.10	ug/L	09/11/03	smo
	Methoxychlor	0.51	U		0.51	ug/L	09/11/03	smo
	Toxaphene	1.0	U		1.0	ug/L	09/11/03	smo
	Endrin aldehyde	0.10	U		0.10	ug/L	09/11/03	smo
	Technical Chlordane	0.51	U		0.51	ug/L	09/11/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Aluminum (Al)	200	U		200	ug/L	09/09/03	mad
	Antimony (Sb)	60.0	U		60.0	ug/L	09/09/03	mad
	Arsenic (As)	14.1			10.0	ug/L	09/09/03	mad
	Barium (Ba)	2120			200	ug/L	09/09/03	mad
	Beryllium (Be)	5.0	U		5.0	ug/L	09/09/03	mad
	Cadmium (Cd)	5.0	U		5.0	ug/L	09/09/03	mad
	Calcium (Ca)	75000			5000	ug/L	09/09/03	mad
	Chromium (Cr)	50.4			10.0	ug/L	09/09/03	mad
	Cobalt (Co)	72.1			50.0	ug/L	09/09/03	mad
	Copper (Cu)	31.9			25.0	ug/L	09/09/03	mad
	Iron (Fe)	17800		E	100	ug/L	09/09/03	mad
	Lead (Pb)	5.3			3.0	ug/L	09/09/03	mad
	Magnesium (Mg)	280000			5000	ug/L	09/09/03	mad
	Manganese (Mn)	50.0			10.0	ug/L	09/09/03	mad
	Nickel (Ni)	827			40.0	ug/L	09/09/03	mad
	Potassium (K)	223000			200000	ug/L	09/09/03	mad
	Sodium (Na)	2460000			100000	ug/L	09/09/03	mad
	Silver (Ag)	10.0	U		10.0	ug/L	09/09/03	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 122
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-7
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Thallium (Tl)	20.0	U	N	20.0	ug/L	09/10/03	mad
	Vanadium (V)	50.0	U		50.0	ug/L	09/09/03	mad
	Zinc (Zn)	73.2			20.0	ug/L	09/09/03	mad
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	enviroform			10.	ug/L		mmb
	Phenol	enviroform			10.	ug/L		mmb
	Bis(2-chloroethyl)ether	enviroform			10.	ug/L		mmb
	1,3-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,4-Dichlorobenzene	enviroform			10.	ug/L		mmb
	1,2-Dichlorobenzene	enviroform			10.	ug/L		mmb
	Benzyl alcohol	enviroform			10.	ug/L		mmb
	2-Methylphenol (o-cresol)	enviroform			10.	ug/L		mmb
	2,2-oxybis (1-chloropropane)	enviroform			10.	ug/L		mmb
	n-Nitroso-di-n-propylamine	enviroform			10.	ug/L		mmb
	Hexachloroethane	enviroform			10.	ug/L		mmb
	4-Methylphenol (m/p-cresol)	enviroform			10.	ug/L		mmb
	2-Chlorophenol	enviroform			10.	ug/L		mmb
	Nitrobenzene	enviroform			10.	ug/L		mmb
	Bis(2-chloroethoxy)methane	enviroform			10.	ug/L		mmb
	1,2,4-Trichlorobenzene	enviroform			10.	ug/L		mmb
	Isophorone	enviroform			10.	ug/L		mmb
	2,4-Dimethylphenol	enviroform			10.	ug/L		mmb
	Hexachlorobutadiene	enviroform			10.	ug/L		mmb
	Naphthalene	enviroform			10.	ug/L		mmb
	2,4-Dichlorophenol	enviroform			10.	ug/L		mmb
	4-Chloroaniline	enviroform			10.	ug/L		mmb
	2,4,6-Trichlorophenol	enviroform			10.	ug/L		mmb
	2,4,5-Trichlorophenol	enviroform			50.	ug/L		mmb
	Hexachlorocyclopentadiene	enviroform			10.	ug/L		mmb
	2-Methylnaphthalene	enviroform			10.	ug/L		mmb
	2-Nitroaniline	enviroform			25.	ug/L		mmb
	2-Chloronaphthalene	enviroform			10.	ug/L		mmb
	4-Chloro-3-methylphenol	enviroform			10.	ug/L		mmb
	2,6-Dinitrotoluene	enviroform			10.	ug/L		mmb
	2-Nitrophenol	enviroform			10.	ug/L		mmb
	3-Nitroaniline	enviroform			25	ug/L		mmb
	Dimethyl phthalate	enviroform			10.	ug/L		mmb
	2,4-Dinitrophenol	enviroform			25	ug/L		mmb
	Acenaphthylene	enviroform			10.	ug/L		mmb
	2,4-Dinitrotoluene	enviroform			10.	ug/L		mmb
	Acenaphthene	enviroform			10.	ug/L		mmb
	Dibenzofuran	enviroform			10.	ug/L		mmb
	4-Nitrophenol	enviroform			25.	ug/L		mmb
	Fluorene	enviroform			10.	ug/L		mmb
	4-Nitroaniline	enviroform			25.	ug/L		mmb
	4-Bromophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Hexachlorobenzene	enviroform			10.	ug/L		mmb
	Diethyl phthalate	enviroform			10.	ug/L		mmb

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 122
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-7
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	4-Chlorophenyl phenyl ether	enviroform			10.	ug/L		mmb
	Pentachlorophenol	enviroform			25.	ug/L		mmb
	n-Nitrosodiphenylamine	enviroform			10.	ug/L		mmb
	4,6-Dinitro-2-methylphenol	enviroform			25.	ug/L		mmb
	Phenanthrene	enviroform			10.	ug/L		mmb
	Anthracene	enviroform			10.	ug/L		mmb
	Di-n-butyl phthalate	enviroform			10.	ug/L		mmb
	Fluoranthene	enviroform			10.	ug/L		mmb
	Pyrene	enviroform			10.	ug/L		mmb
	Butyl benzyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(a)anthracene	enviroform			10.	ug/L		mmb
	Chrysene	enviroform			10.	ug/L		mmb
	3,3-Dichlorobenzidine	enviroform			10.	ug/L		mmb
	Bis(2-ethylhexyl)phthalate	enviroform			10.	ug/L		mmb
	Di-n-octyl phthalate	enviroform			10.	ug/L		mmb
	Benzo(b)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(k)fluoranthene	enviroform			10.	ug/L		mmb
	Benzo(a)pyrene	enviroform			10.	ug/L		mmb
	Indeno(1,2,3-cd)pyrene	enviroform			10.	ug/L		mmb
	Dibenzo(a,h)anthracene	enviroform			10.	ug/L		mmb
	Benzo(ghi)perylene	enviroform			10.	ug/L		mmb
SW846 8260B	Volatile Organics							
	Chloromethane	enviro			10.0	ug/L		aml
	Vinyl chloride	enviro			10.0	ug/L		aml
	Bromomethane	enviro			10.0	ug/L		aml
	Chloroethane	enviro			10.0	ug/L		aml
	1,1-Dichloroethene	enviro			10.0	ug/L		aml
	Carbon disulfide	enviro			10.0	ug/L		aml
	Acetone	enviro			10.0	ug/L		aml
	Methylene chloride	enviro			10.0	ug/L		aml
	1,1-Dichloroethane	enviro			10.0	ug/L		aml
	Vinyl acetate	enviro			10.0	ug/L		aml
	2-Butanone (MEK)	enviro			10.0	ug/L		aml
	Chloroform	enviro			10.0	ug/L		aml
	1,1,1-Trichloroethane	enviro			10.0	ug/L		aml
	Carbon tetrachloride	enviro			10.0	ug/L		aml
	1,2-Dichloroethene (total)	enviro			10.0	ug/L		aml
	Benzene	enviro			10.0	ug/L		aml
	1,2-Dichloroethane	enviro			10.0	ug/L		aml
	Trichloroethene	enviro			10.0	ug/L		aml
	1,2-Dichloropropane	enviro			10.0	ug/L		aml
	Bromodichloromethane	enviro			10.0	ug/L		aml
	2-Chloroethylvinylether	enviro			10.0	ug/L		aml
	cis-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	4-Methyl-2-pentanone (MIBK)	enviro			10.0	ug/L		aml
	Toluene	enviro			10.0	ug/L		aml
	trans-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	1,1,2-Trichloroethane	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: MW 122
Date Sampled.....: 08/25/2003
Time Sampled.....: 09:30
Sample Matrix.....: Water

Laboratory Sample ID: 227722-7
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Tetrachloroethene	enviro			10.0	ug/L		aml
	2-Hexanone	enviro			10.0	ug/L		aml
	Dibromochloromethane	enviro			10.0	ug/L		aml
	Chlorobenzene	enviro			10.0	ug/L		aml
	Ethylbenzene	enviro			10.0	ug/L		aml
	Styrene	enviro			10.0	ug/L		aml
	Bromoform	enviro			10.0	ug/L		aml
	1,1,2,2-Tetrachloroethane	enviro			10.0	ug/L		aml
	Xylenes (total)	enviro			10.0	ug/L		aml
	1,3-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,4-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,2-Dichlorobenzene	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: TRIP BLANK
Date Sampled.....: 08/26/2003
Time Sampled.....: 00:00
Sample Matrix.....:

Laboratory Sample ID: 227722-8
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Volatile Organics							
	Chloromethane	enviro			10.0	ug/L		aml
	Vinyl chloride	enviro			10.0	ug/L		aml
	Bromomethane	enviro			10.0	ug/L		aml
	Chloroethane	enviro			10.0	ug/L		aml
	1,1-Dichloroethene	enviro			10.0	ug/L		aml
	Carbon disulfide	enviro			10.0	ug/L		aml
	Acetone	enviro			10.0	ug/L		aml
	Methylene chloride	enviro			10.0	ug/L		aml
	1,1-Dichloroethane	enviro			10.0	ug/L		aml
	Vinyl acetate	enviro			10.0	ug/L		aml
	2-Butanone (MEK)	enviro			10.0	ug/L		aml
	Chloroform	enviro			10.0	ug/L		aml
	1,1,1-Trichloroethane	enviro			10.0	ug/L		aml
	Carbon tetrachloride	enviro			10.0	ug/L		aml
	1,2-Dichloroethene (total)	enviro			10.0	ug/L		aml
	Benzene	enviro			10.0	ug/L		aml
	1,2-Dichloroethane	enviro			10.0	ug/L		aml
	Trichloroethene	enviro			10.0	ug/L		aml
	1,2-Dichloropropane	enviro			10.0	ug/L		aml
	Bromodichloromethane	enviro			10.0	ug/L		aml
	2-Chloroethylvinylether	enviro			10.0	ug/L		aml
	cis-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	4-Methyl-2-pentanone (MIBK)	enviro			10.0	ug/L		aml
	Toluene	enviro			10.0	ug/L		aml
	trans-1,3-Dichloropropene	enviro			10.0	ug/L		aml
	1,1,2-Trichloroethane	enviro			10.0	ug/L		aml
	Tetrachloroethene	enviro			10.0	ug/L		aml
	2-Hexanone	enviro			10.0	ug/L		aml
	Dibromochloromethane	enviro			10.0	ug/L		aml
	Chlorobenzene	enviro			10.0	ug/L		aml
	Ethylbenzene	enviro			10.0	ug/L		aml
	Styrene	enviro			10.0	ug/L		aml
	Bromoform	enviro			10.0	ug/L		aml
	1,1,2,2-Tetrachloroethane	enviro			10.0	ug/L		aml
	Xylenes (total)	enviro			10.0	ug/L		aml
	1,3-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,4-Dichlorobenzene	enviro			10.0	ug/L		aml
	1,2-Dichlorobenzene	enviro			10.0	ug/L		aml

* In Description = Dry Wgt.

LABORATORY CHRONICLE

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Lab ID: 227722-1 Client ID: MW 104 Date Recvd: 08/26/2003 Sample Date: 08/25/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	51787		09/05/2003	1200	
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	51185		08/28/2003	1000	
SM18 4500CNE	Cyanide, Total	1	51836		09/03/2003	1200	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	51530		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	51531		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	51406		08/28/2003	1500	
EPA 245.1	Mercury (CVAA)	1	51583		08/28/2003	2100	
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1444	2.000
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1621	50
SW846 6010B	Metals Analysis (ICAP)	1	52323	51185	09/10/2003	1850	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	53089		09/11/2003	0000	
QA Services	Quality Assurance Services	1	53118				
QA Services	Quality Assurance Services	1	51796		09/05/2003	0000	
QA Services	Quality Assurance Services	1	52455		09/16/2003	0000	
QA Services	Quality Assurance Services	1	53088		09/24/2003	0000	
EPA 270.2	Selenium (GFAA)	1	52081		09/08/2003	1124	5
SW846 8270C	Semivolatile Organics	1	53117				
SW846 8260B	Volatile Organics	1	51798		09/05/2003	0000	

Lab ID: 227722-2 Client ID: MW 109 Date Recvd: 08/26/2003 Sample Date: 08/25/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	51787		09/05/2003	1200	
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	51185		08/28/2003	1000	
SM18 4500CNE	Cyanide, Total	1	51836		09/03/2003	1200	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	51530		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	51531		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	51406		08/28/2003	1500	
EPA 245.1	Mercury (CVAA)	1	51583		08/28/2003	2102	
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1448	
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1625	2
SW846 6010B	Metals Analysis (ICAP)	1	52323	51185	09/10/2003	1854	
SW846 8081A	Organochlorine Pesticide Analysis	1	53089		09/11/2003	0000	
QA Services	Quality Assurance Services	1	51796				
QA Services	Quality Assurance Services	1	52455				
QA Services	Quality Assurance Services	1	53088				
QA Services	Quality Assurance Services	1	53118				
EPA 270.2	Selenium (GFAA)	1	52081		09/08/2003	1137	
SW846 8270C	Semivolatile Organics	1	53117				
SW846 8260B	Volatile Organics	1	51798				

Lab ID: 227722-3 Client ID: MW 119 Date Recvd: 08/26/2003 Sample Date: 08/25/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	51787		09/05/2003	1200	
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	51185		08/28/2003	1000	
SM18 4500CNE	Cyanide, Total	1	51836		09/03/2003	1200	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	51530		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	51531		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	51406		08/28/2003	1500	
EPA 245.1	Mercury (CVAA)	1	51583		08/28/2003	2104	
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1513	2.000
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1629	50
SW846 6010B	Metals Analysis (ICAP)	1	52323	51185	09/10/2003	1918	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	53089		09/11/2003	0000	
QA Services	Quality Assurance Services	1	51796				
QA Services	Quality Assurance Services	1	52455				

LABORATORY CHRONICLE

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Lab ID: 227722-3 Client ID: MW 119 Date Recvd: 08/26/2003 Sample Date: 08/25/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
QA Services	Quality Assurance Services	1	53088				
QA Services	Quality Assurance Services	1	53118				
EPA 270.2	Selenium (GFAA)	1	52081		09/08/2003	1221	5
SW846 8270C	Semivolatile Organics	1	53117				
SW846 8260B	Volatile Organics	1	51798				

Lab ID: 227722-4 Client ID: MW 120B Date Recvd: 08/26/2003 Sample Date: 08/25/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	51787		09/05/2003	1200	
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	51185		08/28/2003	1000	
SM18 4500CNE	Cyanide, Total	1	51836		09/03/2003	1200	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	51530		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	51531		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	51406		08/28/2003	1500	
EPA 245.1	Mercury (CVAA)	1	51583		08/28/2003	2106	
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1423	2
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1608	50
SW846 6010B	Metals Analysis (ICAP)	1	52323	51185	09/10/2003	1828	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	53089		09/11/2003	0000	
QA Services	Quality Assurance Services	1	51796				
QA Services	Quality Assurance Services	1	52455				
QA Services	Quality Assurance Services	1	53088				
QA Services	Quality Assurance Services	1	53118				
EPA 270.2	Selenium (GFAA)	1	52081		09/08/2003	1234	
SW846 8270C	Semivolatile Organics	1	53117				
SW846 8260B	Volatile Organics	1	51798				

Lab ID: 227722-5 Client ID: MW 120 Date Recvd: 08/26/2003 Sample Date: 08/25/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	51787		09/05/2003	1200	
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	51185		08/28/2003	1000	
SM18 4500CNE	Cyanide, Total	1	51836		09/03/2003	1200	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	51530		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	51531		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	51406		08/28/2003	1500	
EPA 245.1	Mercury (CVAA)	1	51583		08/28/2003	2112	
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1518	2.000
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1633	50
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1710	25
SW846 6010B	Metals Analysis (ICAP)	1	52323	51185	09/10/2003	1922	2.000
SW846 8081A	Organochlorine Pesticide Analysis	1	53089		09/11/2003	0000	
QA Services	Quality Assurance Services	1	51796				
QA Services	Quality Assurance Services	1	52455				
QA Services	Quality Assurance Services	1	53088				
QA Services	Quality Assurance Services	1	53118				
EPA 270.2	Selenium (GFAA)	1	52081		09/08/2003	1436	5
SW846 8270C	Semivolatile Organics	1	53117				
SW846 8260B	Volatile Organics	1	51798				

Lab ID: 227722-6 Client ID: MW 121 Date Recvd: 08/26/2003 Sample Date: 08/25/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	51787		09/05/2003	1200	
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	51185		08/28/2003	1000	
SM18 4500CNE	Cyanide, Total	1	51836		09/03/2003	1200	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	51530		08/29/2003	1300	

LABORATORY CHRONICLE

Job Number: 227722 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Lab ID: 227722-6 Client ID: MW 121 Date Recvd: 08/26/2003 Sample Date: 08/25/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED		DILUTION
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	51531		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	51406		08/28/2003	1500	
EPA 245.1	Mercury (CVAA)	1	51583		08/28/2003	2114	
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1522	
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1637	20
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1715	50
SW846 6010B	Metals Analysis (ICAP)	1	52323	51185	09/10/2003	1927	
SW846 8081A	Organochlorine Pesticide Analysis	1	53089		09/11/2003	0000	
QA Services	Quality Assurance Services	1	51796				
QA Services	Quality Assurance Services	1	52455				
QA Services	Quality Assurance Services	1	53088				
QA Services	Quality Assurance Services	1	53118				
EPA 270.2	Selenium (GFAA)	1	52081		09/08/2003	1450	5
SW846 8270C	Semivolatile Organics	1	53117				
SW846 8260B	Volatile Organics	1	51798				

Lab ID: 227722-7 Client ID: MW 122 Date Recvd: 08/26/2003 Sample Date: 08/25/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED		DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	51787		09/05/2003	1200	
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	51185		08/28/2003	1000	
SM18 4500CNE	Cyanide, Total	1	51836		09/03/2003	1200	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	51530		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	51531		08/29/2003	1300	
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	51406		08/28/2003	1500	
EPA 245.1	Mercury (CVAA)	1	51583		08/28/2003	2116	
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1526	
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1642	20
SW846 6010B	Metals Analysis (ICAP)	1	52377	51185	09/09/2003	1727	40
SW846 6010B	Metals Analysis (ICAP)	1	52323	51185	09/10/2003	1931	
SW846 8081A	Organochlorine Pesticide Analysis	1	53089		09/11/2003	0000	
QA Services	Quality Assurance Services	1	51796				
QA Services	Quality Assurance Services	1	52455				
QA Services	Quality Assurance Services	1	53088				
QA Services	Quality Assurance Services	1	53118				
EPA 270.2	Selenium (GFAA)	1	52081		09/08/2003	1504	5
SW846 8270C	Semivolatile Organics	1	53117				
SW846 8260B	Volatile Organics	1	51798				

Lab ID: 227722-8 Client ID: TRIP BLANK Date Recvd: 08/26/2003 Sample Date: 08/26/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT # (S)	DATE/TIME ANALYZED		DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	51787		09/05/2003	1200	
QA Services	Quality Assurance Services	1	51796				
SW846 8260B	Volatile Organics	1	51798				

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 10/01/2003

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements will be noted in a case narrative.
Report Comments

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

2) Soil, sediment and sludge sample results are reported on a "dry weight" basis.

3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Glossary of flags and qualifiers.

Inorganic Qualifiers (Q-Column)

U	Indicates that the compound was analyzed for but not detected.
1	Result fails applicable drinking water standards.
*	Duplicate analysis not within control limits.
N	Spiked sample recovery not within control limits.
E	Indicates an estimated value because of the presence of interferences.
W	Post digestion spike for furnace AA analysis is out of the control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
+	Correlation coefficient for the MSA is less than 0.995
B	The reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL).

Organic Qualifiers (Q-Column)

U	Indicates that the compound was analyzed for but not detected.
J	Indicates an estimated value. This compound meets the identification criteria, but the result is less than the specified detection limit.
B	Indicates that the analyte was found in both the sample and its associated laboratory blank.
D	Indicates all compounds identified in an analysis at a secondary dilution factor.
E	Indicates that the analyte in an analysis has exceeded the linear calibration range.

Glossary of Terms

Surrogates (Surrogate Standards) - an organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process. For semi-volatiles, volatiles and pesticides/Arochlors, surrogate compounds are added to every blank, sample, matrix sample, matrix spike, matrix sample duplicate, matrix spike blank, and standard. These are used to evaluate analytical efficiency by measuring recovery. Poor surrogate recovery may indicate a problem with the sample composition.

Matrix Spike - an aliquot of a sample (water or soil) fortified (spiked) with known quantities of specific compounds (target analytes) and subjected to the entire analytical procedure in order to indicate the appropriateness of the method for the matrix by measuring recovery. The spiking occurs prior to sample preparation and analysis. Poor spike recovery may indicate a problem with the sample composition.

Internal Standards - an organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process. For GC/MS semi-volatiles and volatiles, internal standards are added to every blank, sample, matrix spike, matrix spike duplicate, matrix spike blank, and standard. Internal standard responses outside of established limits will adversely affect the quantitation and final concentration of target compounds.

Attention: Joe Covati
STES - Glen Cove
100 Morris Avenue
Glen Cove, NY 11542

ANALYTICAL REPORT

JOB NUMBER: 227723

Prepared For:

STES - Glen Cove
100 Morris Avenue
Glen Cove, NY 11542

Attention: Joe Covati

Date: 10/01/2003

Signature

Name: Christine M. Shrader

Title: Project Manager

E-Mail: cshrader@stl-inc.com

Date

315 Fullerton Avenue
Newburgh, NY 12550

PHONE: (845) 562-0890
FAX..: (845) 562-0841

SAMPLE INFORMATION

Date: 10/01/2003

Job Number.: 227723
Customer...: STES - Glen Cove
Attn.....: Joe Covati

Project Number.....: 20000073
Customer Project ID....: PELHAM BAY 1317
Project Description....: Pelham Bay

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
227723-1	Gas Condensate	Water	08/26/2003	09:00	08/26/2003	11:45

LABORATORY TEST RESULTS

Job Number: 227723 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: Gas Condensate
Date Sampled.....: 08/26/2003
Time Sampled.....: 09:00
Sample Matrix.....: Water

Laboratory Sample ID: 227723-1
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7740	Selenium (Se), TCLP	10.0	U	WN	10.0	ug/L	09/07/03	rmc
SW846 7470A	Mercury (Hg), TCLP	6.3			1.0	ug/L	09/02/03	lms
SW846 1311	TCLP Extraction, TCLP	Complete					08/29/03	mwh
SW846 1311	TCLP Extraction	Complete					08/29/03	mwh
SW846 1311	TCLP Extraction, TCLP	Complete					08/29/03	mwh
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					09/05/03	pcp
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	40	U		40	ug/L	09/11/03	smo
	Heptachlor, TCLP	2.0	U		2.0	ug/L	09/11/03	smo
	Heptachlor epoxide, TCLP	2.0	U		2.0	ug/L	09/11/03	smo
	Endrin, TCLP	2.0	U		2.0	ug/L	09/11/03	smo
	Methoxychlor, TCLP	400	U		400	ug/L	09/11/03	smo
	Toxaphene, TCLP	40	U		40	ug/L	09/11/03	smo
	Technical Chlordane, TCLP	40	U		40	ug/L	09/11/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	2200			200	ug/L	09/09/03	mad
	Barium (Ba), TCLP	400	U		400	ug/L	09/09/03	mad
	Cadmium (Cd), TCLP	20.0	U		20.0	ug/L	09/09/03	mad
	Chromium (Cr), TCLP	20.0	U		20.0	ug/L	09/09/03	mad
	Lead (Pb), TCLP	200	U		200	ug/L	09/09/03	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	09/09/03	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	110			100	ug/L	09/16/03	caw
	1,4-Dichlorobenzene, TCLP	100	U	U	100	ug/L	09/16/03	caw
	2-Methylphenol (o-cresol), TCLP	230			100	ug/L	09/16/03	caw
	Hexachloroethane, TCLP	100	U	U	100	ug/L	09/16/03	caw
	4-Methylphenol (m/p-cresol), TCLP	3000		E	100	ug/L	09/16/03	caw
	Nitrobenzene, TCLP	100	U	U	100	ug/L	09/16/03	caw
	Hexachlorobutadiene, TCLP	100	U	U	100	ug/L	09/16/03	caw
	2,4,6-Trichlorophenol, TCLP	100	U	U	100	ug/L	09/16/03	caw
	2,4,5-Trichlorophenol, TCLP	520	U	U	520	ug/L	09/16/03	caw
	2,4-Dinitrotoluene, TCLP	100	U	U	100	ug/L	09/16/03	caw
	Hexachlorobenzene, TCLP	100	U	U	100	ug/L	09/16/03	caw
	Pentachlorophenol, TCLP	260	U	U	260	ug/L	09/16/03	caw
SW846 8260B	Volatile Organics							
	Vinyl chloride, TCLP	200	U		200	ug/L	08/29/03	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	08/29/03	pcp
	2-Butanone (MEK), TCLP	140	J		200	ug/L	08/29/03	pcp
	Chloroform, TCLP	200	U		200	ug/L	08/29/03	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227723 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: Gas Condensate
Date Sampled.....: 08/26/2003
Time Sampled.....: 09:00
Sample Matrix.....: Water

Laboratory Sample ID: 227723-1
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Carbon tetrachloride, TCLP	200	U		200	ug/L	08/29/03	pcp
	Benzene, TCLP	200	U		200	ug/L	08/29/03	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	08/29/03	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	08/29/03	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	08/29/03	pcp
	Chlorobenzene, TCLP	26	J		200	ug/L	08/29/03	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227723 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: Gas Condensate
Date Sampled.....: 08/26/2003
Time Sampled.....: 09:00
Sample Matrix.....: Water

Laboratory Sample ID: 227723-1
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	1000	U		1000	ug/L	09/16/03	caw
	1,4-Dichlorobenzene, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	2-Methylphenol (o-cresol), TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	Hexachloroethane, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	4-Methylphenol (m/p-cresol), TCLP	4700		D	1000	ug/L	09/16/03	caw
	Nitrobenzene, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	Hexachlorobutadiene, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	2,4,6-Trichlorophenol, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	2,4,5-Trichlorophenol, TCLP	5200	U	U	5200	ug/L	09/16/03	caw
	2,4-Dinitrotoluene, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	Hexachlorobenzene, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	Pentachlorophenol, TCLP	2600	U	U	2600	ug/L	09/16/03	caw

* In Description = Dry Wgt.

LABORATORY CHRONICLE

Job Number: 227723 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Lab ID: 227723-1 Client ID: Gas Condensate Date Recvd: 08/26/2003 Sample Date: 08/26/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	51185		08/28/2003	1000	
SW846 8151A	Herbicides	1					
SW846 7470A	Mercury (CVAA) Liquid Waste	1	51677		09/02/2003	2058	
SW846 6010B	Metals Analysis (ICAP)	1	52400	51185	09/09/2003	1530	
SW846 8081A	Organochlorine Pesticide Analysis	1	53089		09/11/2003	0000	
QA Services	Quality Assurance Services	1	53088				
QA Services	Quality Assurance Services	1	52632				
QA Services	Quality Assurance Services	1	51799		09/05/2003	0000	
QA Services	Quality Assurance Services	1	52456		09/16/2003	0000	
SW846 7740	Selenium (GFAA)	1	52224	51185	09/07/2003	1318	
SW846 8270C	Semivolatile Organics	1	52868		09/16/2003	1222	1
SW846 8270C	Semivolatile Organics	1	52868		09/16/2003	1408	1
SW846 8270C	Semivolatile Organics	2	52868		09/16/2003	1222	1
SW846 8270C	Semivolatile Organics	2	52868		09/16/2003	1408	1
SW846 1311	TCLP Extraction	1	51684		08/29/2003	1500	
SW846 1311	TCLP Extraction BN/Acids	1	51532		08/29/2003	1300	
SW846 1311	TCLP Extraction Metals	1	51322		08/27/2003	0900	
SW846 1311	TCLP Extraction Pesticides	1	51533		08/29/2003	1300	
SW846 1311	TCLP Zero Headspace Extraction	1	51786		09/05/2003	1200	
SW846 8260B	Volatile Organics	1	52501		08/29/2003	0000	20

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 10/01/2003

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements will be noted in a case narrative.
Report Comments

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

2) Soil, sediment and sludge sample results are reported on a "dry weight" basis.

3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Glossary of flags and qualifiers.

Inorganic Qualifiers (Q-Column)

U	Indicates that the compound was analyzed for but not detected.
1	Result fails applicable drinking water standards.
*	Duplicate analysis not within control limits.
N	Spiked sample recovery not within control limits.
E	Indicates an estimated value because of the presence of interferences.
W	Post digestion spike for furnace AA analysis is out of the control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
+	Correlation coefficient for the MSA is less than 0.995
B	The reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL).

Organic Qualifiers (Q-Column)

U	Indicates that the compound was analyzed for but not detected.
J	Indicates an estimated value. This compound meets the identification criteria, but the result is less than the specified detection limit.
B	Indicates that the analyte was found in both the sample and its associated laboratory blank.
D	Indicates all compounds identified in an analysis at a secondary dilution factor.
E	Indicates that the analyte in an analysis has exceeded the linear calibration range.

Glossary of Terms

Surrogates (Surrogate Standards) - an organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process. For semi-volatiles, volatiles and pesticides/Arochlors, surrogate compounds are added to every blank, sample, matrix sample, matrix spike, matrix sample duplicate, matrix spike blank, and standard. These are used to evaluate analytical efficiency by measuring recovery. Poor surrogate recovery may indicate a problem with the sample composition.

Matrix Spike - an aliquot of a sample (water or soil) fortified (spiked) with known quantities of specific compounds (target analytes) and subjected to the entire analytical procedure in order to indicate the appropriateness of the method for the matrix by measuring recovery. The spiking occurs prior to sample preparation and analysis. Poor spike recovery may indicate a problem with the sample composition.

Internal Standards - an organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process. For GC/MS semi-volatiles and volatiles, internal standards are added to every blank, sample, matrix spike, matrix spike duplicate, matrix spike blank, and standard. Internal standard responses outside of established limits will adversely affect the quantitation and final concentration of target compounds.

SEVERN TRENT SERVICES

This PDF File was created for you as a service of Severn Trent Laboratories

PRELIMINARY REPORT

STL – Newburgh 315 Fullerton Avenue Newburgh, NY. 12550 (845) 562-0890

ANALYTICAL REPORT

JOB NUMBER: 227723

Prepared For:

STES - Glen Cove
100 Morris Avenue
Glen Cove, NY 11542

Attention: Joe Covati

Date: 10/01/2003

Signature

Name: Christine M. Shrader

Title: Project Manager

E-Mail: cshrader@stl-inc.com

Date

315 Fullerton Avenue
Newburgh, NY 12550

PHONE: (845) 562-0890
FAX..: (845) 562-0841

SAMPLE INFORMATION

Date: 10/01/2003

Job Number.: 227723
Customer...: STES - Glen Cove
Attn.....: Joe Covati

Project Number.....: 20000073
Customer Project ID....: PELHAM BAY 1317
Project Description....: Pelham Bay

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
227723-1	Gas Condensate	Water	08/26/2003	09:00	08/26/2003	11:45

LABORATORY TEST RESULTS

Job Number: 227723 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: Gas Condensate
Date Sampled.....: 08/26/2003
Time Sampled.....: 09:00
Sample Matrix.....: Water

Laboratory Sample ID: 227723-1
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7740	Selenium (Se), TCLP	10.0	U	WN	10.0	ug/L	09/07/03	rmc
SW846 7470A	Mercury (Hg), TCLP	6.3			1.0	ug/L	09/02/03	lms
SW846 1311	TCLP Extraction, TCLP	Complete					08/29/03	mwh
SW846 1311	TCLP Extraction	Complete					08/29/03	mwh
SW846 1311	TCLP Extraction, TCLP	Complete					08/29/03	mwh
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					09/05/03	pcp
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	40	U		40	ug/L	09/11/03	smo
	Heptachlor, TCLP	2.0	U		2.0	ug/L	09/11/03	smo
	Heptachlor epoxide, TCLP	2.0	U		2.0	ug/L	09/11/03	smo
	Endrin, TCLP	2.0	U		2.0	ug/L	09/11/03	smo
	Methoxychlor, TCLP	400	U		400	ug/L	09/11/03	smo
	Toxaphene, TCLP	40	U		40	ug/L	09/11/03	smo
	Technical Chlordane, TCLP	40	U		40	ug/L	09/11/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	2200			200	ug/L	09/09/03	mad
	Barium (Ba), TCLP	400	U		400	ug/L	09/09/03	mad
	Cadmium (Cd), TCLP	20.0	U		20.0	ug/L	09/09/03	mad
	Chromium (Cr), TCLP	20.0	U		20.0	ug/L	09/09/03	mad
	Lead (Pb), TCLP	200	U		200	ug/L	09/09/03	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	09/09/03	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	110			100	ug/L	09/16/03	caw
	1,4-Dichlorobenzene, TCLP	100	U	U	100	ug/L	09/16/03	caw
	2-Methylphenol (o-cresol), TCLP	230			100	ug/L	09/16/03	caw
	Hexachloroethane, TCLP	100	U	U	100	ug/L	09/16/03	caw
	4-Methylphenol (m/p-cresol), TCLP	3000		E	100	ug/L	09/16/03	caw
	Nitrobenzene, TCLP	100	U	U	100	ug/L	09/16/03	caw
	Hexachlorobutadiene, TCLP	100	U	U	100	ug/L	09/16/03	caw
	2,4,6-Trichlorophenol, TCLP	100	U	U	100	ug/L	09/16/03	caw
	2,4,5-Trichlorophenol, TCLP	520	U	U	520	ug/L	09/16/03	caw
	2,4-Dinitrotoluene, TCLP	100	U	U	100	ug/L	09/16/03	caw
	Hexachlorobenzene, TCLP	100	U	U	100	ug/L	09/16/03	caw
	Pentachlorophenol, TCLP	260	U	U	260	ug/L	09/16/03	caw
SW846 8260B	Volatile Organics							
	Vinyl chloride, TCLP	200	U		200	ug/L	08/29/03	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	08/29/03	pcp
	2-Butanone (MEK), TCLP	140	J		200	ug/L	08/29/03	pcp
	Chloroform, TCLP	200	U		200	ug/L	08/29/03	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227723 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: Gas Condensate
Date Sampled.....: 08/26/2003
Time Sampled.....: 09:00
Sample Matrix.....: Water

Laboratory Sample ID: 227723-1
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Carbon tetrachloride, TCLP	200	U		200	ug/L	08/29/03	pcp
	Benzene, TCLP	200	U		200	ug/L	08/29/03	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	08/29/03	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	08/29/03	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	08/29/03	pcp
	Chlorobenzene, TCLP	26	J		200	ug/L	08/29/03	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 227723 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Customer Sample ID: Gas Condensate
Date Sampled.....: 08/26/2003
Time Sampled.....: 09:00
Sample Matrix.....: Water

Laboratory Sample ID: 227723-1
Date Received.....: 08/26/2003
Time Received.....: 11:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	1000	U		1000	ug/L	09/16/03	caw
	1,4-Dichlorobenzene, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	2-Methylphenol (o-cresol), TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	Hexachloroethane, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	4-Methylphenol (m/p-cresol), TCLP	4700		D	1000	ug/L	09/16/03	caw
	Nitrobenzene, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	Hexachlorobutadiene, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	2,4,6-Trichlorophenol, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	2,4,5-Trichlorophenol, TCLP	5200	U	U	5200	ug/L	09/16/03	caw
	2,4-Dinitrotoluene, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	Hexachlorobenzene, TCLP	1000	U	U	1000	ug/L	09/16/03	caw
	Pentachlorophenol, TCLP	2600	U	U	2600	ug/L	09/16/03	caw

* In Description = Dry Wgt.

LABORATORY CHRONICLE

Job Number: 227723 Date: 10/01/2003

CUSTOMER: STES - Glen Cove PROJECT: PELHAM BAY 1317 ATTN: Joe Covati

Lab ID: 227723-1 Client ID: Gas Condensate Date Recvd: 08/26/2003 Sample Date: 08/26/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	51185		08/28/2003	1000	
SW846 8151A	Herbicides	1					
SW846 7470A	Mercury (CVAA) Liquid Waste	1	51677		09/02/2003	2058	
SW846 6010B	Metals Analysis (ICAP)	1	52400	51185	09/09/2003	1530	
SW846 8081A	Organochlorine Pesticide Analysis	1	53089		09/11/2003	0000	
QA Services	Quality Assurance Services	1	53088				
QA Services	Quality Assurance Services	1	52632				
QA Services	Quality Assurance Services	1	51799		09/05/2003	0000	
QA Services	Quality Assurance Services	1	52456		09/16/2003	0000	
SW846 7740	Selenium (GFAA)	1	52224	51185	09/07/2003	1318	
SW846 8270C	Semivolatile Organics	1	52868		09/16/2003	1222	1
SW846 8270C	Semivolatile Organics	1	52868		09/16/2003	1408	1
SW846 8270C	Semivolatile Organics	2	52868		09/16/2003	1222	1
SW846 8270C	Semivolatile Organics	2	52868		09/16/2003	1408	1
SW846 1311	TCLP Extraction	1	51684		08/29/2003	1500	
SW846 1311	TCLP Extraction BN/Acids	1	51532		08/29/2003	1300	
SW846 1311	TCLP Extraction Metals	1	51322		08/27/2003	0900	
SW846 1311	TCLP Extraction Pesticides	1	51533		08/29/2003	1300	
SW846 1311	TCLP Zero Headspace Extraction	1	51786		09/05/2003	1200	
SW846 8260B	Volatile Organics	1	52501		08/29/2003	0000	20

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 10/01/2003

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements will be noted in a case narrative.
Report Comments

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

2) Soil, sediment and sludge sample results are reported on a "dry weight" basis.

3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Glossary of flags and qualifiers.

Inorganic Qualifiers (Q-Column)

U	Indicates that the compound was analyzed for but not detected.
1	Result fails applicable drinking water standards.
*	Duplicate analysis not within control limits.
N	Spiked sample recovery not within control limits.
E	Indicates an estimated value because of the presence of interferences.
W	Post digestion spike for furnace AA analysis is out of the control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
+	Correlation coefficient for the MSA is less than 0.995
B	The reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL).

Organic Qualifiers (Q-Column)

U	Indicates that the compound was analyzed for but not detected.
J	Indicates an estimated value. This compound meets the identification criteria, but the result is less than the specified detection limit.
B	Indicates that the analyte was found in both the sample and its associated laboratory blank.
D	Indicates all compounds identified in an analysis at a secondary dilution factor.
E	Indicates that the analyte in an analysis has exceeded the linear calibration range.

Glossary of Terms

Surrogates (Surrogate Standards) - an organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process. For semi-volatiles, volatiles and pesticides/Arochlors, surrogate compounds are added to every blank, sample, matrix sample, matrix spike, matrix sample duplicate, matrix spike blank, and standard. These are used to evaluate analytical efficiency by measuring recovery. Poor surrogate recovery may indicate a problem with the sample composition.

Matrix Spike - an aliquot of a sample (water or soil) fortified (spiked) with known quantities of specific compounds (target analytes) and subjected to the entire analytical procedure in order to indicate the appropriateness of the method for the matrix by measuring recovery. The spiking occurs prior to sample preparation and analysis. Poor spike recovery may indicate a problem with the sample composition.

Internal Standards - an organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process. For GC/MS semi-volatiles and volatiles, internal standards are added to every blank, sample, matrix spike, matrix spike duplicate, matrix spike blank, and standard. Internal standard responses outside of established limits will adversely affect the quantitation and final concentration of target compounds.

Attention: Joe Covati
STES - Glen Cove
100 Morris Avenue
Glen Cove, NY 11542

SEVERN
TRENT
SERVICES

Gas Monitoring

MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector Brian Dortch Date 8/28/03

Location	Concentration by % Volume			Temp. (°F)	Vac. @ Well Head (In W.C.)	D.P	LEL	Remarks
	Methane	CO_2	Oxygen					
Flare Inlet	/	/	/	/	/	/	/	Flare valve stuck
Well Head No. 1	53.4	36.7	0.0	75°	-1.8	+1.1	1068	
Well Head No. 2	58.4	29.9	0.0	83°	-1.4	+1.15	1168	
Well Head No. 3	34.2	29.8	0.3	75°	-1.9	+1.2	684	
Well Head No. 4	64.3	34.1	0.1	85°	+1.2	-1.34	1286	
Well Head No. 5	53.1	44.5	0.0	76°	-2.8	+2.03	1062	
Well Head No. 6	60.7	22.1	0.0	82°	-1.8	+1.38	1214	
Well Head No. 7	0.0	0.1	19.3	83°	-0.2	-1.5	0	Valve clogged
Well Head No. 8	56.6	39.1	0.0	83°	-2.7	+2.4	1130	
Well Head No. 9	58.1	29.2	0.0	82°	-2.2	+1.74	1162	
Well Head No. 10	58.2	26.6	0.0	82°	-4.5	+4.18	1164	
Well Head No. 11	42.8	21.1	3.4	75°	-3.3	+2.94	856	
Well Head No. 12	53.1	32.2	0.0	74°	-3.7	+3.15	1062	
Well Head No. 13	51.2	30.4	0.0	78°	-5.2	+5.15	1024	
Well Head No. 14	48.4	23.7	0.0	79°	-1.9	+1.29	968	
Well Head No. 15	53.1	43.6	0.0	83°	-2.2	+1.78	1062	
Well Head No. 16	51.4	35.3	0.6	79°	-1.7	+0.62	1028	
Well Head No. 17	53.6	43.4	0.0	84°	-2.4	+1.96	1072	
Well Head No. 18	54.3	34.4	0.0	77°	-2.2	+1.83	1086	
Well Head No. 19	52.3	31.4	0.0	75°	-2.8	+2.10	1046	
Well Head No. 20	55.4	40.0	0.0	82°	-2.0	+1.38	1108	
Well Head No. 21	57.9	39.3	0.0	78°	-1.8	+1.1	1158	
Well Head No. 22	42.7	21.5	3.4	77°	-1.8	+0.53	854	

Appendix B – Inspection Forms for August 2003

FORM FCS-1
MONTHLY INSPECTION CHECKLIST
FINAL COVER SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume III, Figure 2-1)

Item No.	Item Title	Zone Number													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Surface Cracks	OK	OK	OK	OK	OK	OK	N/S	OK	OK	OK	OK	OK	OK	OK
2	Vegetative Growth	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Vector Penetration	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Erosion	OK	OK	OK	OK	OK	OK	N/S	OK	OK	OK	OK	OK	OK	OK
6	Slope Stability	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Seepage	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Vandalism	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date: 8-26-03 Initials: JMC Jr. /KB

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
	7	Rill by pond c inlet	Need to fill and re-seed

DATE: 8-26-03

INSPECTED BY: JMC JR. /KB

FORM GWL-2
MONTHLY INSPECTION CHECKLIST
MANHOLE AND SUMPS
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 8-13-03 INITIALS: JMC

Item No.	Inspection Item	Manhole and Sump Number									
		D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10
1	Manhole Cover	OK	OK	N/S	N/S	N/S	N/S	OK	OK	OK	OK
2	Silt Accumulation	Slight	OK	OK	Slight	N/S	OK	OK	Slight	OK	OK
3	Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Pipe Connections	OK	OK	OK	OK	N/S	OK	OK	OK	OK	OK
5	Settlement Along Curtain Drain	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Flow into manhole or sump	High	Low	High	Low	Dry	Empty	High	High	Dry	Low

Item No.	Inspection Item	Manhole and Sump Number										
		LS-1	LS-2	DS-1	DS-2	TS-1	U-1	U-2	U-3	U-4	U-5	U-6
1	Manhole Cover	OK	OK	N/S	OK	N/S	OK	OK	OK	OK	OK	-
2	Silt Accumulation	Slight	Heavy	Mod.	Slight	OK	OK	OK	Slight	OK	-	-
3	Settlement	OK	OK	OK	OK	OK	OK	OK	OK	Slight	OK	-
4	Pipe Connections	OK	OK	OK	OK	N/S	OK	OK	OK	OK	-	-
5	Settlement Along Curtain Drain	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	-
6	Flow into manhole or sump	High	Low	Low	High	Low	High	Dry	Low	High	Full	-

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-2	D-3	crack in manhole cover	
	D-4	crack in manhole cover	
	D-5	crack in manhole cover & settlement	
	D-1	slight silt accumulation	
	D-6	crack in manhole cover , not a H20 cover	
	D-6	Empty but D-7 has a high flow	
	LS-1	slight silt accumulation	
	U-4	slight silt accumulation	
	TS-1	Temporary sump pump in sump	
		Connected to the discharge line to	
		the Containment sump. Leak in	
		area due to break in charged City	
		water line to abandoned boot wash	
	DS-1	Hatch cover broken	
	U-4	Manhole full due to high tide	

DATE: 8-13-03 INSPECTED BY: JMC Jr.

FORM SMS-1
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figures 2-2 and 2-3

Item	Item	Zone Number													
	Title	1	2	3	4	5	6	7	8	9	10	11	12	13	14
No.	**Drainage Ditch Road A**														
1	Overgrown Vegetation	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road A to Road B								OK						
7	Flap gate at 6" pipe Outlet								OK						
	Drainage Ditch, Road B														
1	Overgrown Vegetation	NS	NS	NS	NS	NS	NS	OK	OK	NS	NS	NS	NS		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B to Road C								OK						
	Drainage Ditch, Road B[2]														
1	Overgrown Vegetation	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Culvert Road B to Road C														
	Drainage Ditch, Road C														
1	Overgrown Vegetation	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Notes:

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date: 8-14-03 Initials: JMC Jr.

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-1	zone		
road A	1-12	Over grown vegetation in all swales	
road B	1-6	Over grown vegetation in all swales	
	9-12	With the exception of zones 7 and part	
		Of 8 which were cleared by STES	
road B2	1-14	Over grown vegetation in all swales	

DATE: 8/14/03 INSPECTED BY: JMC, Jr.

FORM SMS-2
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figures 2-2 and 2-3

Stormwater Collection Manholes (SP Series)												
Item No.	Item Title	Manhole Number										
		SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8	SP9	SP10	SP11
1	Trashracks	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Pipe Connections to Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Flow From 8" HDPE Inlets	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Debris/Silt Blockage in 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Settlement Along 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Settlement Around Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Baffles Inside Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Pond Collection Manholes (CP Series)						
Item No.	Item Title	Manhole Number				
		CP1	CP2	CP3	CP4	CP5
1	Grates	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK
3	Flow Through Manhole	OK	OK	OK	OK	OK
4	Settlement Above 30" Pipe	OK	OK	OK	OK	OK

Baffled Outlets (BO Series)					
Item No.	Item Title	Manhole Number			
		BO1	BO2	BO3	BO4
1	Silt Accumulation	OK	N/S	N/S	N/S
2	Connection to 24" Pipe	OK	OK	OK	OK
3	Erosion Around Structure	OK	OK	OK	OK
4	Spalling, Cracking, etc.	OK	OK	OK	OK
5	Weep Holes	OK	OK	N/S	N/S
6	Guard Rails	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date: 8-13-03 Initials: JMC JR.

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-2	BO2	silt, silt rocks in weep holes	
	BO3	silt, silt rocks in weep holes	
	BO4	silt, silt rocks in weep holes	

DATE: 8/13/03

INSPECTED BY: JMC, Jr.

FORM SMS-3
MONTHLY INSPECTION CHECKLIST
SEDIMENTATION PONDS
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figure 2-3)

Inspection Item		Check Box			Check Box
Sedimentation Pond A			**Sedimentation Pond C**		
Pond			**Pond**		
1	Minimum 2 ft. Freeboard	OK	1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	N/S	2	Silt Accumulation	N/S
3	Slope Erosion/Stability	OK	3	Slope Erosion/Stability	N/S
4	Debris	N/S	4	Debris	N/S
	Outlet Structure		5	Riprap	OK
1	Debris/Silt Blockage	OK		**Inlet Structure**	
2	Connections to Pipe	OK	1	Debris/Silt Blockage	N/S
3	Erosion Around Structure	OK	2	Connections to Pipe	OK
4	Spalling, Cracking, etc.	OK	3	Erosion Around Structure	OK
			4	Spalling, Cracking, etc.	OK
	Sedimentation Pond B		5	Riprap	OK
	Pond			**RCP Inlet Section**	
1	Minimum 2 ft. Freeboard	OK	1	Debris/Silt Blockage	N/S
2	Silt Accumulation	N/S	2	Connections to Pipe	OK
3	Slope Erosion/Stability	OK	3	Erosion Around Structure	OK
4	Debris	N/S	4	Spalling, Cracking, etc.	OK
	Inlet Structure		5	Weepholes	N/S
1	Debris/Silt Blockage	OK	6	Trashrack	OK
2	Connections to Pipe	OK	7	RC Pipe	
3	Erosion Around Structure	OK		**RCP Outlet Section**	
4	Spalling, Cracking, etc.	OK	1	Debris/Silt Blockage	OK
	Outlet Structure		2	Connections to Pipe	OK
1	Debris/Silt Blockage	N/S	3	Erosion Around Structure	OK
2	Connections to Pipe	OK	4	Spalling, Cracking, etc.	OK
3	Erosion Around Structure	OK	5	Trashrack	OK
4	Spalling, Cracking, etc.	OK	6	Flapgate	OK
			7	Spillway Riprap	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date: 8-15-03 Initials: JMC JR.

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-3	Pond A	Silt and debris in Pond	
	Pond B		
	outlet	Silt and debris	
	pond	Silt and debris accummulation	
	Pond C	Silt and debris in Pond	
		Erosion rill on embankment of pond	
	Inlet	Silt and debris	
	RCP Inlet	Silt and debris	
	Weephole	Blocked with silt and debris	

DATE: 8/15/03 INITIALS: JMC, Jr.

FORM AS-1
MONTHLY INSPECTION CHECKLIST
ACILLARY SYSTEMS
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Section 2.2 and Volume III, Section 6)

Description		Check Box	If N/S or NI, description and location
IRM Roadway			
1	Rutting	**OK**	
2	Depressions/Settlement	**OK**	
3	Washout	**OK**	By lift station 1 3' X 2'
4	Pavement Condition	**OK**	
5	Reflectors	**N/S**	
Road A			
1	Rutting	**OK**	
2	Depressions/Settlement	**OK**	
3	Washout	**OK**	Small washout in zone 5-6
4	Pavement Condition	**OK**	
5	Reflectors	**N/S**	
Road B			
1	Rutting	**OK**	
2	Depressions/Settlement	**OK**	
3	Washout	**OK**	
4	Pavement Condition	**OK**	
5	Reflectors	**N/S**	
Road B^2			
1	Rutting	**OK**	
2	Depressions/Settlement	**OK**	
3	Washout	**NS**	
4	Pavement Condition	**NS**	
5	Reflectors	**N/S**	
Road C			
1	Rutting	**OK**	
2	Depressions/Settlement	**OK**	
3	Washout	**NS**	
4	Pavement Condition	**NS**	
5	Reflectors	**N/S**	
Perimeter Fence, Gates, Locks		**N/S**	
Seawall Condition		**OK**	

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date: 8/1/03 Initials: JMC Jr.

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
AS-1	IRM	reflectors missing, weeds encroaching ,rutting starting along the road way	
	Road A	reflectors missing, weeds encroaching , slight rutting causing filter cloth to show	
	Road B	reflectors missing, weeds encroaching	
	Road B2	reflectors missing, weeds encroaching	
	Road C	reflectors missing, weeds encroaching	
	B2 & C	washout and rutting at	
		intersection of roads	
		filter fabric visible	
	fence	nine openings in fence	
		worn path to hole in fence in	
		zone 4	
		fence support pole bent in	
		area across from Pond A	
	Fence hole locations	D-10, MW-118, MW-106, MW-119, MW-120, 2 holes between MW-120 & MW-104, MW-104, SW-1 ,a car in MW-104	

DATE: 8/1/03 INSPECTED BY: JMC JR.

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date	8/5/2003			8/8/2003		
Time	7:00			7:00		
Technician	KMB			KMB		
1.OPERATING BLOWER 1 OR 2	1		**2**	1		**2**
A. Noise or Vibration	Ok		**N/A**	Ok		**N/A**
B. Measureable or Oderiferous Gas Leaks	**No**		Yes	**No**		Yes
C. Upstream Vacuum-Inches WC	0			0		
D. Downstream Pressure -Inches WC						
E. Inlet Temperature-Degree F						
F. Discharge Temperature-Degree F						
2. BLOWER CONTROL PANEL						
A. Disconnnect Blower 1 and 2 Switch						
B. Flow Meter-CFM, Min & Max						
C. Hour Meter Blower 1 (Zero=)			O/S			O/S
Blower 2 (Zero=)			12453.9			12453.9
D. Blower 1 or Blower 2 Running Light	1		**2**	1		**2**
E. The Blower Hand-Off_Auto Switch	**Off**		**Auto**	**Off**		**Auto**
F. Blower 1 or 2 Current Alarm	**Off**		**On**	**Off**		**On**
G. High Motor Current Alarm	**Off**			**Off**		
H. Reset Alarm						
3. FLARE CONTROL PANEL						
A. Panel Power Switch	Off		**On**	Off		**On**
B. Panel Power Light	Off		**On**	Off		**On**
C. Start-Up Sequence Switch	Auto					
D. Local Unit Control Switch	Start/**Run**		Stop	Start/**Run**		Stop
E. Unit Stop						
F. Security Light	**Off**		On	**Off**		On
G. Purge Start						
H. Low Purge Air Flow, Red Indicator Light	**Off**		On	**Off**		On
I. Purging, Blue Indicator Light	**Off**		On	**Off**		On
J. Purge Complete, Amber Indicating Light	**Off**		On	**Off**		On
K. Ignition Start						
L. Pilot Gas On, Green Indicator Light	**Off**		On	**Off**		On
M. Flame Proved, Green Indicator Light	**Off**		On	**Off**		On
N. Waste Inlet Valve	C	O	**Auto**	C	O	**Auto**
O. Waste Gas On, Green Indicator Light	**Off**		On	**Off**		On
P. Flare Reset						
Q. Waste Gas Blower Failure, Red Indicator Light	Off		**On**	Off		**On**
R. High Flare Temperature, Red Indicator Light	**Off**		On	**Off**		On
S. Flare Failure, Red Indicator Light	**Off**		On	**Off**		On
4. FLARE						
A. Flame Condition	Good		**N/A**	Good		**N/A**
B. Abnormal Burner Hotspots	Yes		**No**	Yes		**No**
C. Unusual Sounds or Odors	Yes		**No**	Yes		**No**
D. Damper Motor Running	**Yes**		No	**Yes**		No
Manual Damper Postion						
5. PIPING						
A. General Condition	OK			OK		
B. Propane Tank Pressure/Level-PSIG	22		130	22		130
C. Inlet Valve Position	25		% Open	25		% Open
D. LFG Flowrate-CFM						
E. Gauges Operational?	Yes		**No**	Yes		**No**
F. Nitrogen Pressure-PSIG	100		2100	100		2100
6. SITE CONDITION						
Vandalism, Cleanliness	**Good**		Bad	**Good**		Bad
Reviewed By						
Date	8/5/2003			8/8/2003		

Comments Gas flow meter inoperable, no temperatures gauges - Gauges removed and plugged where temp gauges used to be. Down stream Dp cell missing and plugged

8/8/03 Flare is down, waiting for AXD to come up and check the blower control unit

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date	8/11/2003			8/15/2003		
Time	7:00			7:00		
Technician	KMB			KMB		
1.OPERATING BLOWER 1 OR 2	1		**2**	1		**2**
A. Noise or Vibration	Ok		**N/A**	Ok		**N/A**
B. Measureable or Oderiferous Gas Leaks	**No**		Yes	**No**		Yes
C. Upstream Vacuum-Inches WC	0			0		
D. Downstream Pressure -Inches WC						
E. Inlet Temperature-Degree F						
F. Discharge Temperature-Degree F						
2. BLOWER CONTROL PANEL						
A. Disconnnect Blower 1 and 2 Switch						
B. Flow Meter-CFM, Min & Max						
C. Hour Meter Blower 1 (Zero=)			O/S			O/S
Blower 2 (Zero=)			12453.9			12453.9
D. Blower 1 or Blower 2 Running Light	1		2	1		2
E. The Blower Hand-Off_Auto Switch	**Off**		**Auto**	**Off**		**Auto**
F. Blower 1 or 2 Current Alarm	**Off**		**On**	**Off**		**On**
G. High Motor Current Alarm	**Off**			**Off**		
H. Reset Alarm						
3. FLARE CONTROL PANEL						
A. Panel Power Switch	Off		**On**	Off		**On**
B. Panel Power Light	Off		**On**	Off		**On**
C. Start-Up Sequence Switch	Auto					
D. Local Unit Control Switch	Start/**Run**		Stop	Start/**Run**		Stop
E. Unit Stop						
F. Security Light	**Off**		On	**Off**		On
G. Purge Start						
H. Low Purge Air Flow, Red Indicator Light	**Off**		On	**Off**		On
I. Purging, Blue Indicator Light	**Off**		On	**Off**		On
J. Purge Complete, Amber Indicating Light	**Off**		On	**Off**		On
K. Ignition Start						
L. Pilot Gas On, Green Indicator Light	**Off**		On	**Off**		On
M. Flame Proved, Green Indicator Light	**Off**		On	**Off**		On
N. Waste Inlet Valve	C	O	**Auto**	C	O	**Auto**
O. Waste Gas On, Green Indicator Light	**Off**		On	**Off**		On
P. Flare Reset						
Q. Waste Gas Blower Failure, Red Indicator Light	Off		**On**	Off		**On**
R. High Flare Temperature, Red Indicator Light	**Off**		On	**Off**		On
S. Flare Failure, Red Indicator Light	**Off**		On	**Off**		On
4. FLARE						
A. Flame Condition	Good		**N/A**	Good		**N/A**
B. Abnormal Burner Hotspots	Yes		**No**	Yes		**No**
C. Unusual Sounds or Odors	Yes		**No**	Yes		**No**
D. Damper Motor Running	**Yes**		No	**Yes**		No
Manual Damper Postion						
5. PIPING						
A. General Condition	OK			OK		
B. Propane Tank Pressure/Level-PSIG	22		130	22		130
C. Inlet Valve Position	25		% Open	25		% Open
D. LFG Flowrate-CFM						
E. Gauges Operational?	Yes		**No**	Yes		**No**
F. Nitrogen Pressure-PSIG	100		2100	100		2100
6. SITE CONDITION						
Vandalism, Cleanliness	**Good**		Bad	**Good**		Bad
Reviewed By						
Date	8/11/2003			8/15/2003		

Comments Gas flow meter inoperable, no temperatures gauges - Gauges removed and plugged where temp gauges used to be. Down stream Dp cell missing and plugged

8/8/03 Flare is down, waiting for AXD to come up and check the blower control unit

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date	8/18/2003			8/22/2003		
Time	7:00			7:00		
Technician	KMB			KMB		
1.OPERATING BLOWER 1 OR 2	1		**2**	1		**2**
A. Noise or Vibration	Ok		**N/A**	Ok		**N/A**
B. Measureable or Oderiferous Gas Leaks	**No**		Yes	**No**		Yes
C. Upstream Vacuum-Inches WC	0			0		
D. Downstream Pressure -Inches WC						
E. Inlet Temperature-Degree F						
F. Discharge Temperature-Degree F						
2. BLOWER CONTROL PANEL						
A. Disconnnect Blower 1 and 2 Switch						
B. Flow Meter-CFM, Min & Max						
C. Hour Meter Blower 1 (Zero=)			O/S			O/S
Blower 2 (Zero=)			12455.6			12460.1
D. Blower 1 or Blower 2 Running Light	1		2	1		2
E. The Blower Hand-Off_Auto Switch	**Off**		**Auto**	**Off**		**Auto**
F. Blower 1 or 2 Current Alarm	**Off**		**On**	**Off**		**On**
G. High Motor Current Alarm	**Off**			**Off**		
H. Reset Alarm						
3. FLARE CONTROL PANEL						
A. Panel Power Switch	Off		**On**	Off		**On**
B. Panel Power Light	Off		**On**	Off		**On**
C. Start-Up Sequence Switch	Auto					
D. Local Unit Control Switch	Start/**Run**		Stop	Start/**Run**		Stop
E. Unit Stop						
F. Security Light	**Off**		On	**Off**		On
G. Purge Start						
H. Low Purge Air Flow, Red Indicator Light	**Off**		On	**Off**		On
I. Purging, Blue Indicator Light	**Off**		On	**Off**		On
J. Purge Complete, Amber Indicating Light	**Off**		On	**Off**		On
K. Ignition Start						
L. Pilot Gas On, Green Indicator Light	**Off**		On	**Off**		On
M. Flame Proved, Green Indicator Light	**Off**		On	**Off**		On
N. Waste Inlet Valve	C	O	**Auto**	C	O	**Auto**
O. Waste Gas On, Green Indicator Light	**Off**		On	**Off**		On
P. Flare Reset						
Q. Waste Gas Blower Failure, Red Indicator Light	Off		**On**	Off		**On**
R. High Flare Temperature, Red Indicator Light	**Off**		On	**Off**		On
S. Flare Failure, Red Indicator Light	**Off**		On	**Off**		On
4. FLARE						
A. Flame Condition	Good		**N/A**	Good		**N/A**
B. Abnormal Burner Hotspots	Yes		**No**	Yes		**No**
C. Unusual Sounds or Odors	Yes		**No**	Yes		**No**
D. Damper Motor Running	**Yes**		No	**Yes**		No
Manual Damper Postion						
5. PIPING						
A. General Condition	OK			OK		
B. Propane Tank Pressure/Level-PSIG	22		110	20		160
C. Inlet Valve Position	25		% Open	25		% Open
D. LFG Flowrate-CFM						
E. Gauges Operational?	Yes		**No**	Yes		**No**
F. Nitrogen Pressure-PSIG	100		1700	100		1800
6. SITE CONDITION						
Vandalism, Cleanliness	**Good**		Bad	**Good**		Bad
Reviewed By						
Date	8/18/2003			8/22/2003		

Comments Gas flow meter inoperable, no temperatures gauges - Gauges removed and plugged where temp gauges used to be. Down stream Dp cell missing and plugged

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date	8/25/2003			8/29/2003		
Time	7:00			7:00		
Technician	KMB			KMB		
1.OPERATING BLOWER 1 OR 2	1		**2**	1		**2**
A. Noise or Vibration	Ok		**N/A**	Ok		**N/A**
B. Measureable or Oderiferous Gas Leaks	**No**		Yes	**No**		Yes
C. Upstream Vacuum-Inches WC	0			0		
D. Downstream Pressure -Inches WC						
E. Inlet Temperature-Degree F						
F. Discharge Temperature-Degree F						
2. BLOWER CONTROL PANEL						
A. Disconnnect Blower 1 and 2 Switch						
B. Flow Meter-CFM, Min & Max						
C. Hour Meter Blower 1 (Zero=)			O/S			O/S
Blower 2 (Zero=)			12460.1			12468.5
D. Blower 1 or Blower 2 Running Light	1		**2**	1		**2**
E. The Blower Hand-Off_Auto Switch	**Off**		**Auto**	**Off**		**Auto**
F. Blower 1 or 2 Current Alarm	**Off**		**On**	**Off**		**On**
G. High Motor Current Alarm	**Off**			**Off**		
H. Reset Alarm						
3. FLARE CONTROL PANEL						
A. Panel Power Switch	Off		**On**	Off		**On**
B. Panel Power Light	Off		**On**	Off		**On**
C. Start-Up Sequence Switch	Auto					
D. Local Unit Control Switch	Start/**Run**		Stop	Start/**Run**		Stop
E. Unit Stop						
F. Security Light	**Off**		On	**Off**		On
G. Purge Start						
H. Low Purge Air Flow, Red Indicator Light	**Off**		On	**Off**		On
I. Purging, Blue Indicator Light	**Off**		On	**Off**		On
J. Purge Complete, Amber Indicating Light	**Off**		On	**Off**		On
K. Ignition Start						
L. Pilot Gas On, Green Indicator Light	**Off**		On	**Off**		On
M. Flame Proved, Green Indicator Light	**Off**		On	**Off**		On
N. Waste Inlet Valve	C	O	**Auto**	C	O	**Auto**
O. Waste Gas On, Green Indicator Light	**Off**		On	**Off**		On
P. Flare Reset						
Q. Waste Gas Blower Failure, Red Indicator Light	Off		**On**	Off		**On**
R. High Flare Temperature, Red Indicator Light	**Off**		On	**Off**		On
S. Flare Failure, Red Indicator Light	**Off**		On	**Off**		On
4. FLARE						
A. Flame Condition	Good		**N/A**	Good		**N/A**
B. Abnormal Burner Hotspots	Yes		**No**	Yes		**No**
C. Unusual Sounds or Odors	Yes		**No**	Yes		**No**
D. Damper Motor Running	**Yes**		No	**Yes**		No
Manual Damper Postion						
5. PIPING						
A. General Condition	OK			OK		
B. Propane Tank Pressure/Level-PSIG	22		115	20		120
C. Inlet Valve Position	25		% Open	25		% Open
D. LFG Flowrate-CFM						
E. Gauges Operational?	Yes		**No**	Yes		**No**
F. Nitrogen Pressure-PSIG	100		1800	100		1800
6. SITE CONDITION						
Vandalism, Cleanliness	**Good**		Bad	**Good**		Bad
Reviewed By						
Date	8/25/2003			8/29/2003		

Comments Gas flow meter inoperable, no temperatures gauges - Gauges removed and plugged where temp gauges used to be. Down stream Dp cell missing and plugged

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/5/2003 Initials KMB

	D-1								D-8								D-10							
1. Downgradient Collection Sumps	Pump 1				Pump 2																			
A. Circuit Breakers	X	On		Off	X	On		Off	X	On		Off	X	On		Off	X	On		Off	X	On		Off
B. Running Light On		Yes	X	No		Yes	X	No		Yes	X	No		Yes	X	No		Yes	X	No		Yes	X	No
C. Selector Switch Position Han-Off Automatic (HOA)	H	O	**A**			H	O	**A**	H	**O**	A			H	**O**	A	H	O	**A**			H	O	**A**
D. Liquid Level in Sump pump	**H**	L	O						**H**	L	O						**H**	L	O					
E. Leak in Manifold Piping		Yes	X	No						Yes	X	No						Yes	X	No				

Pumps	ETM
P-1	12644.6
P-2	16710.2

Pumps	ETM
P-1	16384.8
P-2	14375.1

Pumps	ETM
P-1	17204.4
P-2	18415.8

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain | | Yes | X | No |

3. D-1 Forcemain Flow Totalizer 580,320 x 100 = 58,032,000

$. D-1 Forcemain Pressure -

D-8 Pumps do not work in Auto Mode - P1 O/S

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[ ] Low	[ ] Normal	[X] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2702.5	[ ]	[ ]	[ ]
P-2	2803.6	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[X] High	[ ] Other	
E. Check for leak in manifold leachate piping		[ ] Yes	[X] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] High	[X] No	
B. Are sump pumps operating	[ ] High	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	806.3	[ ]	[ ]	[ ]
P-2	1230.4	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[ ] Low	[X] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[X] No
B. Is sump pump operating	[ ] Yes	[X] No

LS-1 Pumps do not work in Auto mode, pumping manually into tank farm
High level alarm for D-1 Sump
LS-2 Pumps do not work in Auto mode, pumping manually into tank farm
Decontaimination pump requires total overhaul, temporary sump pump place in sump

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	21032.1	[ ]	[ ]	[ ]
P-2	22061.2	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[ ]
E. Check for leak in manifold discharge piping	[ ] Yes	[X] No	
F. Check if pump is out of service	[ ] P-1	[ ] P-2	

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	1970.2	[ ]	[ ]	[ ]
P-2	3353.1	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[X] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[ ] Yes	[X] No

	ETM
Blower 1	30806.5
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipwork in valve box beside Lift Station No. 1	[X] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

There is groundwater inflow into all valve boxes on the site.
Storage tank No. 2 has slight leak at site gauge connection
PD blower motors for carbon had bad bearing and was taken O/S for repair

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Gaurds [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: N/A [ ] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	[ ]	[ ]
Sumps	[ ]	[ ]
Storage Tanks	[ ]	[ ]

D. Is the security fencing surrounding the equipment in good condition [ ] Yes [X] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Due to rain, gravity flow into D-1 is high, Tank discharge valve is closed to prevent overflow if D-1
RGM is hauling leachate this week.
Tank site gauges are working on tanks 1 and 4 read 1/2 full .
Trailer alarm panel level indicators are not working.
MCC Gate has a hole in the bottom

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/8/2003 Initials KMB

1. Downgradient Collection Sumps	D-1	D-8	D-10
	Pump 1 / Pump 2		
A. Circuit Breakers	**X** On / Off / **X** On / Off	**X** On / Off / **X** On / Off	**X** On / Off / **X** On / Off
B. Running Light On	Yes / **X** No / **X** Yes / No	Yes / **X** No / Yes / **X** No	Yes / **X** No / Yes / **X** No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** / H O **A**	H **O** A / H **O** A	H O **A** / H O **A**
D. Liquid Level in Sump pump	**H** L O	**H** L O	**H** L O
E. Leak in Manifold Piping	Yes **X** No	Yes **X** No	Yes **X** No

Pumps	ETM	Pumps	ETM	Pumps	ETM
P-1	12644.6	P-1	16384.8	P-1	17307.4
P-2	16731.2	P-2	14375.1	P-2	18719.6

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain — Yes / **X** No

3. D-1 Forcemain Flow Totalizer 580,369 x 100 = 58,036,900

$. D-1 Forcemain Pressure 10.00

D-8 Pumps do not work in Auto Mode - P1 O/S

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[ ] Low	[ ] Normal	[X] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2702.5	[ ]	[ ]	[ ]
P-2	2803.6	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[X] High	[ ] Other
E. Check for leak in manifold leachate piping		[ ] Yes	[X] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain		[ ] High	[X] No
B. Are sump pumps operating		[ ] High	[X] No
C. Are the alarms or indicator lights on		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	806.8	[ ]	[ ]	[ ]
P-2	1230.9	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[ ] Low	[X] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[X] No
B. Is sump pump operating	[ ] Yes	[X] No

LS-1 Pumps do not work in Auto mode, pumping manually into tank farm
High level alarm for D-1 Sump
LS-2 Pumps do not work in Auto mode, pumping manually into tank farm
Decontaimination pump requires total overhaul, temporary sump pump place in sump

LS-1 Is being switched over to automatic , so it is out of service right now

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	21032.1	[ ]	[ ]	[ ]
P-2	22061.2	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[ ]
E. Check for leak in manifold discharge piping	[ ] Yes	[X] No	
F. Check if pump is out of service	[ ] P-1	[ ] P-2	

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	1970.2	[ ]	[ ]	[ ]
P-2	3353.1	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[X] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[ ] Yes	[X] No

	ETM
Blower 1	30806.5
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipwork in valve box beside Lift Station No. 1	[X] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

There is groundwater inflow into all valve boxes on the site.
Storage tank No. 2 has slight leak at site gauge connection
PD blower motors for carbon had bad bearing and was taken O/S for repair

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Gaurds [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: N/A [ ] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	[ ]	[ ]
Sumps	[ ]	[ ]
Storage Tanks	[ ]	[ ]

D. Is the security fencing surrounding the equipment in good condition [ ] Yes [X] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Due to rain, gravity flow into D-1 is high, Tank discharge valve is closed to prevent overflow if D-1
RGM is hauling leachate this week.
Tank site gauges are working on tanks 1 and 4 read 1/2 full .
Trailer alarm panel level indicators are not working.
MCC Gate has a hole in the bottom

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/11/2003 Initials KMB

1. Downgradient Collection Sumps	D-1	D-8	D-10
	Pump 1 / Pump 2		
A. Circuit Breakers	**X** On / Off / **X** On / Off	**X** On / Off / **X** On / Off	**X** On / Off / **X** On / Off
B. Running Light On	Yes / **X** No / **X** Yes / No	Yes / **X** No / Yes / **X** No	Yes / **X** No / Yes / **X** No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** / H O **A**	H **O** A / H **O** A	H O **A** / H O **A**
D. Liquid Level in Sump pump	**H** L O	**H** L O	**H** L O
E. Leak in Manifold Piping	Yes / **X** No	Yes / **X** No	Yes / **X** No

D-1 Pumps	ETM
P-1	12644.6
P-2	16731.2

D-8 Pumps	ETM
P-1	16384.8
P-2	14375.1

D-10 Pumps	ETM
P-1	17307.4
P-2	18719.6

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain — Yes / **X** No

3. D-1 Forcemain Flow Totalizer 580,403 x 100 = 58,040,300

$. D-1 Forcemain Pressure 10.00

D-8 Pumps do not work in Auto Mode - P1 O/S

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[ ] Low	[ ] Normal	[X] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2702.5	[ ]	[ ]	[ ]
P-2	2803.6	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[X] High	[ ] Other	
E. Check for leak in manifold leachate piping		[ ] Yes	[X] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] High	[X] No	
B. Are sump pumps operating	[ ] High	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	806.8	[ ]	[ ]	[ ]
P-2	1230.9	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[ ] Low	[X] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[X] No
B. Is sump pump operating	[ ] Yes	[X] No

LS-1 Pumps do not work in Auto mode, pumping manually into tank farm
High level alarm for D-1 Sump
LS-2 Pumps do not work in Auto mode, pumping manually into tank farm
Decontaimination pump requires total overhaul, temporary sump pump place in sump

LS-1 Is being switched over to automatic , so it is out of service right now

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	21032.1	[ ]	[ ]	[ ]
P-2	22061.2	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[ ]
E. Check for leak in manifold discharge piping	[ ] Yes	[X] No	
F. Check if pump is out of service	[ ] P-1	[ ] P-2	

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	1970.2	[ ]	[ ]	[ ]
P-2	3353.1	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[X] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[ ] Yes	[X] No

	ETM
Blower 1	30806.5
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipwork in valve box beside Lift Station No. 1	[X] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

There is groundwater inflow into all valve boxes on the site.
Storage tank No. 2 has slight leak at site gauge connection
PD blower motors for carbon had bad bearing and was taken O/S for repair

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Gaurds [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: N/A [ ] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	[ ]	[ ]
Sumps	[ ]	[ ]
Storage Tanks	[ ]	[ ]

D. Is the security fencing surrounding the equipment in good condition [ ] Yes [X] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Due to rain, gravity flow into D-1 is high, Tank discharge valve is closed to prevent overflow if D-1
RGM is hauling leachate this week.
Tank site gauges are working on tanks 1 and 4 read 1/2 full .
Trailer alarm panel level indicators are not working.
MCC Gate has a hole in the bottom

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date	8/18/2003			8/22/2003		
Time	7:00			7:00		
Technician	KMB			KMB		
1.OPERATING BLOWER 1 OR 2	1		**2**	1		**2**
A. Noise or Vibration	Ok		**N/A**	Ok		**N/A**
B. Measureable or Oderiferous Gas Leaks	**No**		Yes	**No**		Yes
C. Upstream Vacuum-Inches WC	0			0		
D. Downstream Pressure -Inches WC						
E. Inlet Temperature-Degree F						
F. Discharge Temperature-Degree F						
2. BLOWER CONTROL PANEL						
A. Disconnnect Blower 1 and 2 Switch						
B. Flow Meter-CFM, Min & Max						
C. Hour Meter Blower 1 (Zero=)			O/S			O/S
Blower 2 (Zero=)			12455.6			12460.1
D. Blower 1 or Blower 2 Running Light	1		**2**	1		**2**
E. The Blower Hand-Off_Auto Switch	**Off**		**Auto**	**Off**		**Auto**
F. Blower 1 or 2 Current Alarm	**Off**		**On**	**Off**		**On**
G. High Motor Current Alarm	**Off**			**Off**		
H. Reset Alarm						
3. FLARE CONTROL PANEL						
A. Panel Power Switch	Off		**On**	Off		**On**
B. Panel Power Light	Off		**On**	Off		**On**
C. Start-Up Sequence Switch	Auto					
D. Local Unit Control Switch	Start/**Run**		Stop	Start/**Run**		Stop
E. Unit Stop						
F. Security Light	**Off**		On	**Off**		On
G. Purge Start						
H. Low Purge Air Flow, Red Indicator Light	**Off**		On	**Off**		On
I. Purging, Blue Indicator Light	**Off**		On	**Off**		On
J. Purge Complete, Amber Indicating Light	**Off**		On	**Off**		On
K. Ignition Start						
L. Pilot Gas On, Green Indicator Light	**Off**		On	**Off**		On
M. Flame Proved, Green Indicator Light	**Off**		On	**Off**		On
N. Waste Inlet Valve	C	O	**Auto**	C	O	**Auto**
O. Waste Gas On, Green Indicator Light	**Off**		On	**Off**		On
P. Flare Reset						
Q. Waste Gas Blower Failure, Red Indicator Light	Off		**On**	Off		**On**
R. High Flare Temperature, Red Indicator Light	**Off**		On	**Off**		On
S. Flare Failure, Red Indicator Light	**Off**		On	**Off**		On
4. FLARE						
A. Flame Condition	Good		**N/A**	Good		**N/A**
B. Abnormal Burner Hotspots	Yes		**No**	Yes		**No**
C. Unusual Sounds or Odors	Yes		**No**	Yes		**No**
D. Damper Motor Running	**Yes**		No	**Yes**		No
Manual Damper Postion						
5. PIPING						
A. General Condition	OK			OK		
B. Propane Tank Pressure/Level-PSIG	22		110	20		160
C. Inlet Valve Position	25		% Open	25		% Open
D. LFG Flowrate-CFM						
E. Gauges Operational?	Yes		**No**	Yes		**No**
F. Nitrogen Pressure-PSIG	100		1700	100		1800
6. SITE CONDITION						
Vandalism, Cleanliness	**Good**		Bad	**Good**		Bad
Reviewed By						
Date	8/18/2003			8/22/2003		

Comments Gas flow meter inoperable, no temperatures gauges - Gauges removed and plugged where temp gauges used to be. Down stream Dp cell missing and plugged

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/18/2003 Initials KMB

1. Downgradient Collection Sumps	D-1								D-8								D-10							
	Pump 1				Pump 2																			
A. Circuit Breakers	**X**	On		Off	**X**	On		Off	**X**	On		Off	**X**	On		Off	**X**	On		Off	**X**	On		Off
B. Running Light On	**X**	Yes		No		Yes	**X**	No		Yes	**X**	No		Yes	**X**	No		Yes	**X**	No		Yes	**X**	No
C. Selector Switch Position Han-Off Automatic (HOA)	H	O	**A**			H	O	**A**	H	**O**	A			H	**O**	A	H	O	**A**			H	O	**A**
D. Liquid Level in Sump pump	**H**	L	O						**H**	L	O						**H**	L	O					
E. Leak in Manifold Piping		Yes	**X**	No						Yes	**X**	No						Yes	**X**	No				
	Pumps	ETM							Pumps	ETM							Pumps	ETM						
	P-1	12725.0							P-1	16384.8							P-1	20584.1						
	P-2	16791.9							P-2	14375.1							P-2	21040.9						

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain | | Yes | **X** | No |

3. D-1 Forcemain Flow Totalizer 580,515 x 100 = 58,051,500

$. D-1 Forcemain Pressure

D-8 Pumps do not work in Auto Mode - P1 O/S

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[ ] Low	[ ] Normal	[X] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2737.7	[ ]	[ ]	[ ]
P-2	2812.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[X] High	[ ] Other	
E. Check for leak in manifold leachate piping		[ ] Yes	[X] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] High	[X] No	
B. Are sump pumps operating	[ ] High	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	813.8	[ ]	[ ]	[ ]
P-2	1237.8	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[ ] Low	[X] High	[ ] Other	
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No	
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No	
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2	

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[X] No
B. Is sump pump operating	[ ] Yes	[X] No

LS-1 Pumps do not work in Auto mode, pumping manually into tank farm
High level alarm for D-1 Sump
LS-2 Pumps do not work in Auto mode, pumping manually into tank farm
Decontaimination pump requires total overhaul, temporary sump pump place in sump

LS-1 Is being switched over to automatic , so it is out of service right now

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	21032.1	[ ]	[ ]	[ ]
P-2	22061.2	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[ ]
E. Check for leak in manifold discharge piping	[ ] Yes	[X] No	
F. Check if pump is out of service	[ ] P-1	[ ] P-2	

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	1970.2	[ ]	[ ]	[ ]
P-2	3353.1	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[X] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[ ] Yes	[X] No

	ETM
Blower 1	30806.5
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipwork in valve box beside Lift Station No. 1	[X] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

There is groundwater inflow into all valve boxes on the site.
Storage tank No. 2 has slight leak at site gauge connection
PD blower motors for carbon had bad bearing and was taken O/S for repair

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Gaurds [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: N/A [ ] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	[ ]	[ ]
Sumps	[ ]	[ ]
Storage Tanks	[ ]	[ ]

D. Is the security fencing surrounding the equipment in good condition [ ] Yes [X] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Due to rain, gravity flow into D-1 is high, Tank discharge valve is closed to prevent overflow if D-1
RGM is hauling leachate this week.
Tank site gauges are working on tanks 1 and 4 read 1/2 full .
Trailer alarm panel level indicators are not working.
MCC Gate has a hole in the bottom

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/25/2003 Initials KMB

1. Downgradient Collection Sumps	D-1	D-8	D-10
	Pump 1 / Pump 2		
A. Circuit Breakers	**X** On / Off / **X** On / Off	**X** On / Off / **X** On / Off	**X** On / Off / **X** On / Off
B. Running Light On	**X** Yes / No / Yes / **X** No	Yes / **X** No / Yes / **X** No	Yes / **X** No / **X** Yes / No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** / H O **A**	H **O** A / H **O** A	H O **A** / H O **A**
D. Liquid Level in Sump pump	**H** L O	**H** L O	**H** L O
E. Leak in Manifold Piping	Yes **X** No	Yes **X** No	Yes **X** No

Pumps	ETM	Pumps	ETM	Pumps	ETM
P-1	12766.4	P-1	16384.8	P-1	23520.6
P-2	16818.9	P-2	14375.1	P-2	23380.0

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain — Yes **X** No

3. D-1 Forcemain Flow Totalizer 580,580 x 100 = 58,058,000

$. D-1 Forcemain Pressure

D-8 Pumps do not work in Auto Mode - P1 O/S

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain		Low		Normal	X	High
B. Are Sump Pumps Operating				Yes	X	No
C. Alarm indicator Lights				Yes	X	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2744.9			
P-2	2812.7			

D. Check liquid level in sump		Low	X	High		Other
E. Check for leak in manifold leachate piping				Yes	X	No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain				High	X	No
B. Are sump pumps operating				High	X	No
C. Are the alarms or indicator lights on				Yes	X	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	817.7			
P-2	1241.7			

D. Check liquid level around stop planks Is the level,		Low	X	High		Other
E. Any leaks in the manifold discharge piping				Yes	X	No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate				Yes	X	No
G. Check if a pump is out of service				Pump 1		Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary		Yes	X	No
B. Is sump pump operating		Yes	X	No

LS-1 Pumps do not work in Auto mode, pumping manually into tank farm
High level alarm for D-1 Sump
LS-2 Pumps do not work in Auto mode, pumping manually into tank farm
Decontaimination pump requires total overhaul, temporary sump pump place in sump

LS-1 Is being switched over to automatic , so it is out of service right now

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	21032.1	[ ]	[ ]	[ ]
P-2	22061.2	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[ ]
E. Check for leak in manifold discharge piping	[ ] Yes	[X] No	
F. Check if pump is out of service	[ ] P-1	[ ] P-2	

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	1970.2	[ ]	[ ]	[ ]
P-2	3353.1	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[X] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[ ] Yes	[X] No

	ETM
Blower 1	30806.5
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipwork in valve box beside Lift Station No. 1	[X] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

There is groundwater inflow into all valve boxes on the site.
Storage tank No. 2 has slight leak at site gauge connection
PD blower motors for carbon had bad bearing and was taken O/S for repair

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Gaurds [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: N/A [ ] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	[ ]	[ ]
Sumps	[ ]	[ ]
Storage Tanks	[ ]	[ ]

D. Is the security fencing surrounding the equipment in good condition [ ] Yes [X] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Due to rain, gravity flow into D-1 is high, Tank discharge valve is closed to prevent overflow if D-1
RGM is hauling leachate this week.
Tank site gauges are working on tanks 1 and 4 read 1/2 full .
Trailer alarm panel level indicators are not working.
MCC Gate has a hole in the bottom

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/29/2003 Initials KMB

1. Downgradient Collection Sumps	D-1								D-8								D-10							
	Pump 1				Pump 2																			
A. Circuit Breakers	X	On		Off	X	On		Off	X	On		Off	X	On		Off	X	On		Off	X	On		Off
B. Running Light On	X	Yes		No		Yes	X	No		Yes	X	No		Yes	X	No		Yes	X	No	X	Yes		No
C. Selector Switch Position Han-Off Automatic (HOA)	H	O	**A**			H	O	**A**	H	**O**	A			H	**O**	A	H	O	**A**			H	O	**A**
D. Liquid Level in Sump pump	**H**	L	O						**H**	L	O						**H**	L	O					
E. Leak in Manifold Piping		Yes	X	No						Yes	X	No						Yes	X	No				

Pumps	ETM	Pumps	ETM	Pumps	ETM
P-1	12766.4	P-1	16384.8	P-1	23520.6
P-2	16818.9	P-2	14375.1	P-2	23380.0

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain | | Yes | X | No |

3. D-1 Forcemain Flow Totalizer 580,601 x 100 = 58,060,100

$. D-1 Forcemain Pressure

D-8 Pumps do not work in Auto Mode - P1 O/S

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[ ] Low	[ ] Normal	[X] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2762.5	[ ]	[ ]	[ ]
P-2	2821.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[X] High	[ ] Other	
E. Check for leak in manifold leachate piping		[ ] Yes	[X] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] High	[X] No	
B. Are sump pumps operating	[ ] High	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	817.7	[ ]	[ ]	[ ]
P-2	1241.7	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[ ] Low	[X] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[X] No
B. Is sump pump operating	[ ] Yes	[X] No

LS-1 Pumps do not work in Auto mode, pumping manually into tank farm
High level alarm for D-1 Sump
LS-2 Pumps do not work in Auto mode, pumping manually into tank farm
Decontaimination pump requires total overhaul, temporary sump pump place in sump

LS-1 Is being switched over to automatic , so it is out of service right now

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	21032.1	[ ]	[ ]	[ ]
P-2	22061.2	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[ ]
E. Check for leak in manifold discharge piping	[ ] Yes	[X] No	
F. Check if pump is out of service	[ ] P-1	[ ] P-2	

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	1970.2	[ ]	[ ]	[ ]
P-2	3353.1	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[X] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[ ] Yes	[X] No

	ETM
Blower 1	30806.5
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipwork in valve box beside Lift Station No. 1	[X] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

There is groundwater inflow into all valve boxes on the site.
Storage tank No. 2 has slight leak at site gauge connection
PD blower motors for carbon had bad bearing and was taken O/S for repair

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Gaurds [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: N/A [ ] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	[ ]	[ ]
Sumps	[ ]	[ ]
Storage Tanks	[ ]	[ ]

D. Is the security fencing surrounding the equipment in good condition [ ] Yes [X] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Due to rain, gravity flow into D-1 is high, Tank discharge valve is closed to prevent overflow if D-1
RGM is hauling leachate this week.
Tank site gauges are working on tanks 1 and 4 read 1/2 full .
Trailer alarm panel level indicators are not working.
MCC Gate has a hole in the bottom

Appendix C – Copy of Log Book August 2003

7/31

Made Rounds
did some monthly inspections with Joe
Bob D on tractor all day - 7/28 & 1 tractor
Peter was here for AXD (Guy)
Greg working on EW

- Greg
Worked on EW on road B. Made paths + Cut weeds around E.W.'s + inside. Cut weeds on four Manholes in back + made a path to Monetary well in the back.

8/1
- Greg
Cut weeds outside of tank farm Made clearing around baffled outlets. Moved garbage barrels into Shed. Cut weeds next to Pond A outlet.

8/1 Kevin

made Rounds
worked with Joe Covati on
monthly inspections
worked with Bob Dinkins on
the tracker,
pumped 13-2, & D-10

8/4 Kevin

made Rounds
pumped down LS2, P-10
tried to start flare but it
keeps stalling out
Bob D & Steve showed up around
12
worked with them for a little while
clearing out the grand canyon

Greg

Cut weeds around the baffeled outlets,
trailer + grand canyon.

8/5 – Greg
Moved around trash fence
+ cut weeds around baffled
outlets + trailers.

8/6 Kevin

made Rounds
2.2 inspections
showed Bob D & Steve what
to do with the Grand Canyon
Elic changed the heaters from blower 1
to 2
Alarm still not working right

8/6 Kevin

made Rounds
pumped station LS-1 complete and
works in automatic
Bob O & Steve finished refilling the
Grand Canyon
helped Steve get the burnt down
truck out from the back of the
landfill

8/6 -Greg.
Mowed around trailers, flare + tank farm. worked on E.W's on road C.

8/7 -Greg
Cut around E.W.S on road C. Made paths w/ lawnmower + Cut down weeds on EW fences with trimming cutter.

8/7 Kevin

made rounds
LS-1 not working in Auto
flare is still down
~~[illegible]~~
Bob D & Steve working on sewage in zone 7 on Road D
Steve & Chris fixed water pipe near Dragon trailer

8/8 Kevin

made Rounds
did weekly inspection
helped Steve Roll rotts in
road way
to pete T. deliver of boxes
call hire guy for flat on back hoe

8/8 -Greg
took out garbage into dumpster.
Moved delivery boxes into the
Shed. Mowed grass past pond &
outlet.

8/11 Kevin

made Rounds
Started flare twice, both times
it ran for about 10 min.
pumped D-10, LS-2
LS-1 still down along with D-8
Steve & & bob on site

8/12 Kevin

made rounds
shut flow to D-1 for Eile to work on pumps
stop pumping from LS-2
LS-1 back in service
~~flow~~ float still down
Bob D on site
reopen flow to D-1, floats are now functional

8/12 Greg
Cut weeds in LS-2 + Ew on road C.

315 5931

8/13 - Greg
Cut weeds in LS-2 + along fence in back road w/ weedwacker + ride on mower. pulled trees out of LS-2.

8/13

Made Rounds
Changed Alert on pickup
Started Flame twice
Joe Counts on site
Craig, Steve, Lou, Brian, & Bob D
working on surfactes

8/14

Made Rounds
started flame a couple of times
ordered a few things from grainger
bought 5 gal. pails from Home depot
start MW Inspections on water depths
Craig, Steve, Lou, Brian, & Bob D on site
Counting the MW inspections sample bottles in cooler

8/14 Greg

Mowed around the trailer, tank farm, flare + roads with ride-on mower + push mower.

8/15 Kevin

No power do to the black out
shut flow from tank farm to D-1 to avoid over flow

8/15 - Greg

Cut weeds around tank farm with push Weed Wacker.

8/18 Kevin

maze Rounds
did first part of weekly inspection
@ Craig, Joe, Brian on site
pumped out LS-2
opened value from tank farm to D-1

8/18 -Greg
Moved around trailers.
Picked up garbage. Moved
up deer trailer

8/19 -Greg
Mowed around E.W.'s
on road C. picked up
garbage.

8/19 Kevin

made Rounds
Pumped LS-2
tried to start flare

8/20 -Greg
Cut + moved Ew road C.
w/ weedwacker & mower.

8/20 Kevin

made Rounds
installed pump in D-1 with Serge
from Fleet pumps
Pumped out LS-2

8/21 — Greg
picked up garbage
cut down trees in back
with machete.

8/21 Kevin

made Rounds
Bob M came up, helped start
flare
helped Greg cut trees in
back along perimeter fence
pumped LS-2

8/22 Kevin

made Rounds
started flare
pumped LS-2
finished weekly inspection
charged battery for well wizard

8/22 — Greg

Mowed around Monterey
Wells with lawn mower + picked up
garbage around tank farm.

8/25 - Greg
Mowed in front of trailer. picked up garbage. Mowed next to tank farm. Cut weeds in decon trailer.

8/25 - Kevin

D.2 MW sampling with Joe C. & Mike O.
Pete, Ray, & Demetri working in tank farm

8/26 Kevin

finished MW sampling
cleaned two of the storage trailers

8/26 - Greg
Mowed around trailer & front E.W. paths w/ push-mower. Mowed w/ rider on mower.

5P545 X30 .86

8/27/03 Kevin

made Rounds
put 2nd new fleet pump in
D-1
got flare up & running
D.2 first part of weekly inspection

8/27 - Greg

Mowed along roads A + B
with ride-on mower + made paths
on road-B E.W.'s.

8/28 - Greg
Mowed around trailer +
tank farm w/ push-mower

8/28 - Greg
cut weeds next to tank farm
+ around flare. picked up
trash.

8/29 Greg
mowed around roads A+B
w/ ride-on mower

9/2 Kevin
make Rounds
Started Alarm
Craig & Brian were on site cutting
trees
9/2 - Greg
(rained), Cleaned up shed

9/3 Kevin Ran

make Rounds
Started Alarm
Craig & Brian on site
pumped LS-1
did parts of weekly inspection

9/4 Greg
picked up garbage around
+ weedwacked flare + tank farm w/ handheld
Weedwacker

9/9 Kevin (Rain)
made Rounds
started flare
pumped LS-2

9/5 Kevin overcast
made Rounds
flare still running
pumped LS-2
help Craig, Lou, Brian move cut
trees to fenced in area by
trailers
Pete & Demetri on site

9/5 - Greg
Moved cut down trees from roads
B + C w/ Kevin into other side of
fence. used ride-on mower to
cut grass behind tank farm..

9/8 Kevin
Made Rounds
did inspection
Flare still running
pumped Down LS-2
& repair pump in hole between
LS-1 - D-1
cut the grass around Flare, baffled
outlet in pond B and path
to MW by pond B

9/8 - Greg
Cut grass with ride on mower
around tank farm & next to
fence to LS-2. Mowed in front
of trailer w/ push mower.

9/9 - Greg
picked up garbage around
trailer, Weedwacked behind
trailer & around D-8.

9/9 Kevin
made Rounds
pumped Down LS-2
cleaned in work trailers