Severn Trent Environmental Services

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Pelham Bay Landfill
Monthly Report
November 2003

Prepared by:
Severn Trent Environmental Services
January 2004

Section I – General

This monthly report covers the period from November 1, 2003 to November 30, 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 November 21, 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	0.1
GMW-2	0.0
GMW-3	0.1
GMW-4	0.0
GMW-5	0.0
GMW-6	0.0
GMW-7	0.6
GMW-8	0.0
GMW-9	0.0
GMW-10	0.0
GMW-11	0.0
GMW-12	0.0
GMW-13	0.0
GMW-14	0.0
GMW-15	0.0
GMW-16	0.0
GMW-17	0.0
GMW-18	0.0
GMW-19	0.0
GMW-20	0.0
GMW-21	0.1
GMW-22	0.4

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.

Sampling for gas condensate, leachate and stormwater was performed on November 30, 2003. A copy of the results is included in Appendix A.

Section III – Recommendations for Maintenance and Actions Taken

Deficiencies identified this month and recommended repair actions:

There were no new deficiencies identified in November 2003.

Repair actions performed this month on previous deficiencies:

1. Plumbing work for the float system for the seven pumping stations is completed. Electrical work in process.
2. Installation of new Decon Trailer sump pump 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

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.

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.

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

Tree removal from the drainage swales will be ongoing as growth develops. Further cleaning of debris in the swales will be directed by the NYCDEP.

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 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 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
The new pump was delivered and installed in November 2003.

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.

Recommended 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.

Operating System - Landfill Gas System

Deficiency

The NYCDEP is aware of several pre-existing gas flare system deficiencies. These repairs include the following: purchase and installation of a new transformer, blowers and re-piping the gas condensate discharge. In addition, AXD, the flare manufacturer, has recommended that they conduct a site inspection to evaluate the starters prior to the installation of the new transformers.

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

Change Order No. X-1 was added to the Contract for the purpose of allowing AXD/Link Controls to perform a site visit and inspect the existing operation of the gas flare system. This site visit was performed on June 18, 2003. AXD concluded that the new auto transformer kits, as ordered under Section 5.0 of the Contract Specifications, contain all parts needed for the complete overhaul of the controls. A copy of the field inspection is provided in Attachment A of this report.

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.

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 November 2003 are located in Appendix B of this report. A copy of the logbook for November 2003 is included in Appendix C.

STES personnel continued to manually pump out the sumps and lift stations while monitoring the leachate storage tanks and Sump D-1 levels.

Appendix A – Summary of Laboratory Analysis

Gas Monitoring

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

Inspector Anthony Varatta Date 11/21/03

Location	Concentration by % Volume			Temp. (°F)	Vac. @ Well Head (In W.C.)	D.P	LEL	Remarks
	Methane	CO_2	Oxygen					
Flare Inlet	Could not sample		- sample	Valve is	jammed.			Not Running
Well Head No. 1	65.7	32.8	0.1	70	+0.0	+0.73	1314	
Well Head No. 2	60.0	37.6	0.0	62	+0.6	+0.29	1200	
Well Head No. 3	60.2	37.4	0.1	66	+0.6	+0.49	1204	
Well Head No. 4	65.4	34.6	0.0	65	+0.0	+0.90	1308	
Well Head No. 5	54.8	45.1	0.0	70	+0.0	+0.97	1096	
Well Head No. 6	58.0	27.1	0.0	76	+0.0	+0.76	1160	
Well Head No. 7	53.9	45.5	0.6	69	+0.0	+1.20	1078	
Well Head No. 8	59.8	40.2	0.0	102	+0.0	+0.80	1196	
Well Head No. 9	55.5	39.4	0.0	89	+0.0	+0.80	1110	
Well Head No. 10	60.1	37.7	0.0	65	+0.0	+0.70	1202	
Well Head No. 11	59.2	37.9	0.0	72	+0.0	+0.79	1184	
Well Head No. 12	58.4	38.1	0.0	72	+0.0	+0.68	1168	
Well Head No. 13	54.6	36.4	0.0	71	+0.0	+0.82	1092	
Well Head No. 14	58.5	38.0	0.0	66	+0.0	+0.78	1170	
Well Head No. 15	56.1	43.8	0.0	127	+0.0	+1.02	1122	
Well Head No. 16	58.1	38.0	0.0	71	+0.3	+0.0	1162	Valve stuck - sample thru vertical pipe
Well Head No. 17	56.3	43.7	0.0	123	+0.0	+0.96	1126	
Well Head No. 18	58.4	37.8	0.0	67	+0.0	+0.75	1168	
Well Head No. 19	58.3	40.5	0.0	64	+0.0	+0.58	1166	
Well Head No. 20	58.2	41.8	0.0	79	+0.0	+0.90	1164	
Well Head No. 21	47.5	37.5	0.1	69	+0.8	+0.54	950	
Well Head No. 22	60.2	39.0	0.4	74	+0.6	+0.53	1204	

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PRELIMINARY REPORT

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

ANALYTICAL REPORT

JOB NUMBER: 231352

Prepared For:

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

Attention: Joe Covati

Date: 01/06/2004

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: 01/06/2004

Job Number.: 231352
Customer...: STES - Glen Cove
Attn.....: Joe Covati

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

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
231352-1	Leachate Sch A	Water	11/30/2003	15:00	12/09/2003	11:00
231352-2	Leachate Sch B	Water	11/30/2003	15:00	12/09/2003	11:00
231352-3	Storm Water	Water	11/30/2003	15:00	12/09/2003	11:00
231352-4	Condensate	Water	11/30/2003	15:00	12/09/2003	11:00

LABORATORY TEST RESULTS

Job Number: 231352

Date: 01/06/2004

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

Customer Sample ID: Leachate Sch A
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-1
Date Received.....: 12/09/2003
Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 200.7	Acid Digestion (ICP)	Complete				Text	12/10/03	cmp
EPA 270.2	Selenium (Se)	25.0	U	N	25.0	ug/L	12/22/03	mwh
EPA 245.1	Mercury (Hg)	0.20	U		0.20	ug/L	12/14/03	lms
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	12/15/03	ne
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.052	U		0.052	ug/L	12/21/03	smo
	beta-BHC	0.031	J		0.052	ug/L	12/21/03	smo
	delta-BHC	0.052	U		0.052	ug/L	12/21/03	smo
	gamma-BHC (Lindane)	0.052	U		0.052	ug/L	12/21/03	smo
	Heptachlor	0.052	U		0.052	ug/L	12/21/03	smo
	Aldrin	0.052	U		0.052	ug/L	12/21/03	smo
	Heptachlor epoxide	0.052	U		0.052	ug/L	12/21/03	smo
	Endosulfan I	0.10	U		0.10	ug/L	12/21/03	smo
	Dieldrin	0.10	U		0.10	ug/L	12/21/03	smo
	4,4'-DDE	0.10	U		0.10	ug/L	12/21/03	smo
	Endrin	0.10	U		0.10	ug/L	12/21/03	smo
	Endosulfan II	0.10	U		0.10	ug/L	12/21/03	smo
	4,4'-DDD	0.10	U		0.10	ug/L	12/21/03	smo
	Endosulfan sulfate	0.10	U		0.10	ug/L	12/21/03	smo
	4,4'-DDT	0.10	U		0.10	ug/L	12/21/03	smo
	Methoxychlor	0.52	U		0.52	ug/L	12/21/03	smo
	Toxaphene	1.0	U		1.0	ug/L	12/21/03	smo
	Endrin aldehyde	0.10	U		0.10	ug/L	12/21/03	smo
	Technical Chlordane	0.52	U		0.52	ug/L	12/21/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Aluminum (Al)	1000	U		1000	ug/L	12/19/03	mad
	Antimony (Sb)	300	U		300	ug/L	12/19/03	mad
	Arsenic (As)	50.0	U	N	50.0	ug/L	12/19/03	mad
	Barium (Ba)	1000	U		1000	ug/L	12/19/03	mad
	Beryllium (Be)	25.0	U		25.0	ug/L	12/19/03	mad
	Cadmium (Cd)	25.0	U		25.0	ug/L	12/19/03	mad
	Calcium (Ca)	125000			25000	ug/L	12/19/03	mad
	Chromium (Cr)	50.0	U		50.0	ug/L	12/19/03	mad
	Cobalt (Co)	250	U		250	ug/L	12/19/03	mad
	Copper (Cu)	125	U		125	ug/L	12/19/03	mad
	Iron (Fe)	2300		N	500	ug/L	12/19/03	mad
	Lead (Pb)	15.0	U		15.0	ug/L	12/19/03	mad
	Magnesium (Mg)	56200			25000	ug/L	12/19/03	mad
	Manganese (Mn)	454		N	50.0	ug/L	12/19/03	mad
	Nickel (Ni)	200	U		200	ug/L	12/19/03	mad
	Potassium (K)	85600		E	50000	ug/L	12/23/03	mad
	Sodium (Na)	639000			25000	ug/L	12/19/03	mad
	Silver (Ag)	50.0	U		50.0	ug/L	12/19/03	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 231352

Date: 01/06/2004

CUSTOMER: STES - Glen Cove

PROJECT: PELHAM BAY

ATTN: Joe Covati

Customer Sample ID: Leachate Sch A
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-1
Date Received.....: 12/09/2003
Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Thallium (Tl)	50.0	U		50.0	ug/L	12/19/03	mad
	Vanadium (V)	250	U		250	ug/L	12/19/03	mad
	Zinc (Zn)	100	U		100	ug/L	12/19/03	mad
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	11	U	U	11	ug/L	12/16/03	mmb
	Phenol	enviro.			10.	ug/L		drr
	Bis(2-chloroethyl)ether	11	U	U	11	ug/L	12/16/03	mmb
	1,3-Dichlorobenzene	11	U	U	11	ug/L	12/16/03	mmb
	1,4-Dichlorobenzene	11	U	U	11	ug/L	12/16/03	mmb
	1,2-Dichlorobenzene	11	U	U	11	ug/L	12/16/03	mmb
	Benzyl alcohol	11	U	U	11	ug/L	12/16/03	mmb
	2-Methylphenol (o-cresol)	11	U	U	11	ug/L	12/16/03	mmb
	2,2-oxybis (1-chloropropane)	11	U	U	11	ug/L	12/16/03	mmb
	n-Nitroso-di-n-propylamine	11	U	U	11	ug/L	12/16/03	mmb
	Hexachloroethane	11	U	U	11	ug/L	12/16/03	mmb
	4-Methylphenol (m/p-cresol)	11	U	U	11	ug/L	12/16/03	mmb
	2-Chlorophenol	11	U	U	11	ug/L	12/16/03	mmb
	Nitrobenzene	11	U	U	11	ug/L	12/16/03	mmb
	Bis(2-chloroethoxy)methane	11	U	U	11	ug/L	12/16/03	mmb
	1,2,4-Trichlorobenzene	11	U	U	11	ug/L	12/16/03	mmb
	Isophorone	11	U	U	11	ug/L	12/16/03	mmb
	2,4-Dimethylphenol	11	U	U	11	ug/L	12/16/03	mmb
	Hexachlorobutadiene	11	U	U	11	ug/L	12/16/03	mmb
	Naphthalene	enviro.			10.	ug/L		drr
	2,4-Dichlorophenol	11	U	U	11	ug/L	12/16/03	mmb
	4-Chloroaniline	11	U	U	11	ug/L	12/16/03	mmb
	2,4,6-Trichlorophenol	11	U	U	11	ug/L	12/16/03	mmb
	2,4,5-Trichlorophenol	53	U	U	53	ug/L	12/16/03	mmb
	Hexachlorocyclopentadiene	11	U	U	11	ug/L	12/16/03	mmb
	2-Methylnaphthalene	11	U	U	11	ug/L	12/16/03	mmb
	2-Nitroaniline	26	U	U	26	ug/L	12/16/03	mmb
	2-Chloronaphthalene	11	U	U	11	ug/L	12/16/03	mmb
	4-Chloro-3-methylphenol	11	U	U	11	ug/L	12/16/03	mmb
	2,6-Dinitrotoluene	11	U	U	11	ug/L	12/16/03	mmb
	2-Nitrophenol	11	U	U	11	ug/L	12/16/03	mmb
	3-Nitroaniline	26	U	U	26	ug/L	12/16/03	mmb
	Dimethyl phthalate	11	U	U	11	ug/L	12/16/03	mmb
	2,4-Dinitrophenol	26	U	U	26	ug/L	12/16/03	mmb
	Acenaphthylene	11	U	U	11	ug/L	12/16/03	mmb
	2,4-Dinitrotoluene	11	U	U	11	ug/L	12/16/03	mmb
	Acenaphthene	enviro.			10.	ug/L		drr
	Dibenzofuran	11	U	U	11	ug/L	12/16/03	mmb
	4-Nitrophenol	26	U	U	26	ug/L	12/16/03	mmb
	Fluorene	11	U	U	11	ug/L	12/16/03	mmb
	4-Nitroaniline	26	U	U	26	ug/L	12/16/03	mmb
	4-Bromophenyl phenyl ether	11	U	U	11	ug/L	12/16/03	mmb
	Hexachlorobenzene	11	U	U	11	ug/L	12/16/03	mmb
	Diethyl phthalate	7.0	J	J	11	ug/L	12/16/03	mmb

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 231352

Date: 01/06/2004

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

Customer Sample ID: Leachate Sch A
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-1
Date Received.....: 12/09/2003
Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	4-Chlorophenyl phenyl ether	11	U	U	11	ug/L	12/16/03	mmb
	Pentachlorophenol	26	U	U	26	ug/L	12/16/03	mmb
	n-Nitrosodiphenylamine	11	U	U	11	ug/L	12/16/03	mmb
	4,6-Dinitro-2-methylphenol	26	U	U	26	ug/L	12/16/03	mmb
	Phenanthrene	11	U	U	11	ug/L	12/16/03	mmb
	Anthracene	11	U	U	11	ug/L	12/16/03	mmb
	Di-n-butyl phthalate	11	U	U	11	ug/L	12/16/03	mmb
	Fluoranthene	11	U	U	11	ug/L	12/16/03	mmb
	Pyrene	11	U	U	11	ug/L	12/16/03	mmb
	Butyl benzyl phthalate	11	U	U	11	ug/L	12/16/03	mmb
	Benzo(a)anthracene	11	U	U	11	ug/L	12/16/03	mmb
	Chrysene	11	U	U	11	ug/L	12/16/03	mmb
	3,3-Dichlorobenzidine	11	U	U	11	ug/L	12/16/03	mmb
	Bis(2-ethylhexyl)phthalate	11	U	U	11	ug/L	12/16/03	mmb
	Di-n-octyl phthalate	11	U	U	11	ug/L	12/16/03	mmb
	Benzo(b)fluoranthene	11	U	U	11	ug/L	12/16/03	mmb
	Benzo(k)fluoranthene	11	U	U	11	ug/L	12/16/03	mmb
	Benzo(a)pyrene	11	U	U	11	ug/L	12/16/03	mmb
	Indeno(1,2,3-cd)pyrene	11	U	U	11	ug/L	12/16/03	mmb
	Dibenzo(a,h)anthracene	11	U	U	11	ug/L	12/16/03	mmb
	Benzo(ghi)perylene	11	U	U	11	ug/L	12/16/03	mmb
SW846 8260B	Volatile Organics							
	Chloromethane	enviro.			10.0	ug/L		drr
	Vinyl chloride	enviro.			10.0	ug/L		drr
	Bromomethane	enviro.			10.0	ug/L		drr
	Chloroethane	enviro.			10.0	ug/L		drr
	1,1-Dichloroethene	enviro.			10.0	ug/L		drr
	Carbon disulfide	enviro.			10.0	ug/L		drr
	Acetone	enviro.			10.0	ug/L		drr
	Methylene chloride	enviro.			10.0	ug/L		drr
	1,1-Dichloroethane	enviro.			10.0	ug/L		drr
	Vinyl acetate	enviro.			10.0	ug/L		drr
	2-Butanone (MEK)	enviro.			10.0	ug/L		drr
	Chloroform	enviro.			10.0	ug/L		drr
	1,1,1-Trichloroethane	enviro.			10.0	ug/L		drr
	Carbon tetrachloride	enviro.			10.0	ug/L		drr
	1,2-Dichloroethene (total)	enviro.			10.0	ug/L		drr
	Benzene	enviro.			10.0	ug/L		drr
	1,2-Dichloroethane	enviro.			10.0	ug/L		drr
	Trichloroethene	enviro.			10.0	ug/L		drr
	1,2-Dichloropropane	enviro.			10.0	ug/L		drr
	Bromodichloromethane	enviro.			10.0	ug/L		drr
	2-Chloroethylvinylether	enviro.			10.0	ug/L		drr
	cis-1,3-Dichloropropene	enviro.			10.0	ug/L		drr
	4-Methyl-2-pentanone (MIBK)	enviro.			10.0	ug/L		drr
	Toluene	enviro.			10.0	ug/L		drr
	trans-1,3-Dichloropropene	enviro.			10.0	ug/L		drr
	1,1,2-Trichloroethane	enviro.			10.0	ug/L		drr

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 231352

Date: 01/06/2004

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

Customer Sample ID: Leachate Sch A
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-1
Date Received.....: 12/09/2003
Time Received.....: 11:00

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

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 231352

Date: 01/06/2004

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

Customer Sample ID: Leachate Sch B
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-2
Date Received.....: 12/09/2003
Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 200.7	Acid Digestion (ICP)	Complete				Text	12/10/03	cmp
EPA 270.2	Selenium (Se)	25.0	U	N	25.0	ug/L	12/22/03	mwh
EPA 245.1	Mercury (Hg)	0.20	U		0.20	ug/L	12/14/03	lms
EPA 418.1	TPH, Recoverable	0.42	U		0.42	mg/L	12/11/03	ae
EPA 160.2	Solids, Total Suspended (TSS)	5.00			2.00	mg/L	12/11/03	rmc
SM18 3500CrD	Hexavalent Chromium	0.0100	U	N	0.0100	mg/L	12/10/03	ne
SM18 4500CNG	Cyanide, Amenable to Chlor.(ATC)	0.0100	U		0.0100	mg/L	12/15/03	ne
SM18 4500Cl	Chloride	670			25	mg/L	12/15/03	se
SM18 4500H+B	pH	7.97			0.20	pH Units	12/09/03	se
SM18 4500NH3E	Ammonia (NH3), as N	59.4			5.00	mg/L	12/22/03	jpp
SM18 5210B	Biochemical Oxygen Demand (BOD5)	20.2			4.00	mg/L	12/10/03	cmp
HACH 8000	Chemical Oxygen Demand (COD)	276			100	mg/L	12/11/03	bg
LAC 11107041A	Nitrate + Nitrite as N	1.78			0.200	mg/L	12/11/03	jpp
LAC 10107062D	Nitrogen, Total Kjeldahl as N (TKN)	64.5			10.0	mg/L	12/14/03	jpp
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As)	50.0	U	N	50.0	ug/L	12/19/03	mad
	Cadmium (Cd)	25.0	U		25.0	ug/L	12/19/03	mad
	Chromium (Cr)	50.0	U		50.0	ug/L	12/19/03	mad
	Copper (Cu)	125	U		125	ug/L	12/19/03	mad
	Lead (Pb)	15.0	U		15.0	ug/L	12/19/03	mad
	Molybdenum (Mo)	250	U		250	ug/L	12/19/03	mad
	Nickel (Ni)	200	U		200	ug/L	12/19/03	mad
	Zinc (Zn)	148			100	ug/L	12/19/03	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 231352

Date: 01/06/2004

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

Customer Sample ID: Storm Water
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-3
Date Received.....: 12/09/2003
Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 200.7	Acid Digestion (ICP)	Complete				Text	12/10/03	cmp
EPA 270.2	Selenium (Se)	25.0	U	N	25.0	ug/L	12/22/03	mwh
EPA 245.1	Mercury (Hg)	0.20	U		0.20	ug/L	12/14/03	lms
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	12/15/03	ne
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.051	U		0.051	ug/L	12/21/03	smo
	beta-BHC	0.051	U		0.051	ug/L	12/21/03	smo
	delta-BHC	0.051	U		0.051	ug/L	12/21/03	smo
	gamma-BHC (Lindane)	0.051	U		0.051	ug/L	12/21/03	smo
	Heptachlor	0.051	U		0.051	ug/L	12/21/03	smo
	Aldrin	0.051	U		0.051	ug/L	12/21/03	smo
	Heptachlor epoxide	0.051	U		0.051	ug/L	12/21/03	smo
	Endosulfan I	0.10	U		0.10	ug/L	12/21/03	smo
	Dieldrin	0.10	U		0.10	ug/L	12/21/03	smo
	4,4'-DDE	0.10	U		0.10	ug/L	12/21/03	smo
	Endrin	0.10	U		0.10	ug/L	12/21/03	smo
	Endosulfan II	0.10	U		0.10	ug/L	12/21/03	smo
	4,4'-DDD	0.10	U		0.10	ug/L	12/21/03	smo
	Endosulfan sulfate	0.10	U		0.10	ug/L	12/21/03	smo
	4,4'-DDT	0.10	U		0.10	ug/L	12/21/03	smo
	Methoxychlor	0.51	U		0.51	ug/L	12/21/03	smo
	Toxaphene	1.0	U		1.0	ug/L	12/21/03	smo
	Endrin aldehyde	0.10	U		0.10	ug/L	12/21/03	smo
	Technical Chlordane	0.51	U		0.51	ug/L	12/21/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Aluminum (Al)	1000	U		1000	ug/L	12/19/03	mad
	Antimony (Sb)	300	U		300	ug/L	12/19/03	mad
	Arsenic (As)	50.0	U	N	50.0	ug/L	12/19/03	mad
	Barium (Ba)	1000	U		1000	ug/L	12/19/03	mad
	Beryllium (Be)	25.0	U		25.0	ug/L	12/19/03	mad
	Cadmium (Cd)	25.0	U		25.0	ug/L	12/19/03	mad
	Calcium (Ca)	259000			25000	ug/L	12/19/03	mad
	Chromium (Cr)	50.0	U		50.0	ug/L	12/19/03	mad
	Cobalt (Co)	250	U		250	ug/L	12/19/03	mad
	Copper (Cu)	125	U		125	ug/L	12/19/03	mad
	Iron (Fe)	2540		N	500	ug/L	12/19/03	mad
	Lead (Pb)	15.0	U		15.0	ug/L	12/19/03	mad
	Magnesium (Mg)	36900			25000	ug/L	12/19/03	mad
	Manganese (Mn)	981		N	50.0	ug/L	12/19/03	mad
	Nickel (Ni)	200	U		200	ug/L	12/19/03	mad
	Potassium (K)	25000	U		25000	ug/L	12/19/03	mad
	Sodium (Na)	26700			25000	ug/L	12/19/03	mad
	Silver (Ag)	50.0	U		50.0	ug/L	12/19/03	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 231352 Date: 01/06/2004

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

Customer Sample ID: Storm Water
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-3
Date Received.....: 12/09/2003
Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Thallium (Tl)	50.0	U		50.0	ug/L	12/19/03	mad
	Vanadium (V)	250	U		250	ug/L	12/19/03	mad
	Zinc (Zn)	100	U		100	ug/L	12/19/03	mad
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	10	U	U	10	ug/L	12/16/03	mmb
	Phenol	enviro.			10.	ug/L		drr
	Bis(2-chloroethyl)ether	10	U	U	10	ug/L	12/16/03	mmb
	1,3-Dichlorobenzene	10	U	U	10	ug/L	12/16/03	mmb
	1,4-Dichlorobenzene	10	U	U	10	ug/L	12/16/03	mmb
	1,2-Dichlorobenzene	10	U	U	10	ug/L	12/16/03	mmb
	Benzyl alcohol	10	U	U	10	ug/L	12/16/03	mmb
	2-Methylphenol (o-cresol)	10	U	U	10	ug/L	12/16/03	mmb
	2,2-oxybis (1-chloropropane)	10	U	U	10	ug/L	12/16/03	mmb
	n-Nitroso-di-n-propylamine	10	U	U	10	ug/L	12/16/03	mmb
	Hexachloroethane	10	U	U	10	ug/L	12/16/03	mmb
	4-Methylphenol (m/p-cresol)	10	U	U	10	ug/L	12/16/03	mmb
	2-Chlorophenol	10	U	U	10	ug/L	12/16/03	mmb
	Nitrobenzene	10	U	U	10	ug/L	12/16/03	mmb
	Bis(2-chloroethoxy)methane	10	U	U	10	ug/L	12/16/03	mmb
	1,2,4-Trichlorobenzene	10	U	U	10	ug/L	12/16/03	mmb
	Isophorone	10	U	U	10	ug/L	12/16/03	mmb
	2,4-Dimethylphenol	10	U	U	10	ug/L	12/16/03	mmb
	Hexachlorobutadiene	10	U	U	10	ug/L	12/16/03	mmb
	Naphthalene	enviro.			10.	ug/L		drr
	2,4-Dichlorophenol	10	U	U	10	ug/L	12/16/03	mmb
	4-Chloroaniline	10	U	U	10	ug/L	12/16/03	mmb
	2,4,6-Trichlorophenol	10	U	U	10	ug/L	12/16/03	mmb
	2,4,5-Trichlorophenol	52	U	U	52	ug/L	12/16/03	mmb
	Hexachlorocyclopentadiene	10	U	U	10	ug/L	12/16/03	mmb
	2-Methylnaphthalene	10	U	U	10	ug/L	12/16/03	mmb
	2-Nitroaniline	26	U	U	26	ug/L	12/16/03	mmb
	2-Chloronaphthalene	10	U	U	10	ug/L	12/16/03	mmb
	4-Chloro-3-methylphenol	10	U	U	10	ug/L	12/16/03	mmb
	2,6-Dinitrotoluene	10	U	U	10	ug/L	12/16/03	mmb
	2-Nitrophenol	10	U	U	10	ug/L	12/16/03	mmb
	3-Nitroaniline	26	U	U	26	ug/L	12/16/03	mmb
	Dimethyl phthalate	10	U	U	10	ug/L	12/16/03	mmb
	2,4-Dinitrophenol	26	U	U	26	ug/L	12/16/03	mmb
	Acenaphthylene	10	U	U	10	ug/L	12/16/03	mmb
	2,4-Dinitrotoluene	10	U	U	10	ug/L	12/16/03	mmb
	Acenaphthene	enviro.			10.	ug/L		drr
	Dibenzofuran	10	U	U	10	ug/L	12/16/03	mmb
	4-Nitrophenol	26	U	U	26	ug/L	12/16/03	mmb
	Fluorene	10	U	U	10	ug/L	12/16/03	mmb
	4-Nitroaniline	26	U	U	26	ug/L	12/16/03	mmb
	4-Bromophenyl phenyl ether	10	U	U	10	ug/L	12/16/03	mmb
	Hexachlorobenzene	10	U	U	10	ug/L	12/16/03	mmb
	Diethyl phthalate	5.7	J	J	10	ug/L	12/16/03	mmb

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 231352

Date: 01/06/2004

CUSTOMER: STES - Glen Cove

PROJECT: PELHAM BAY

ATTN: Joe Covati

Customer Sample ID: Storm Water
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-3
Date Received.....: 12/09/2003
Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	4-Chlorophenyl phenyl ether	10	U	U	10	ug/L	12/16/03	mmb
	Pentachlorophenol	26	U	U	26	ug/L	12/16/03	mmb
	n-Nitrosodiphenylamine	10	U	U	10	ug/L	12/16/03	mmb
	4,6-Dinitro-2-methylphenol	26	U	U	26	ug/L	12/16/03	mmb
	Phenanthrene	10	U	U	10	ug/L	12/16/03	mmb
	Anthracene	10	U	U	10	ug/L	12/16/03	mmb
	Di-n-butyl phthalate	10	U	U	10	ug/L	12/16/03	mmb
	Fluoranthene	10	U	U	10	ug/L	12/16/03	mmb
	Pyrene	10	U	U	10	ug/L	12/16/03	mmb
	Butyl benzyl phthalate	10	U	U	10	ug/L	12/16/03	mmb
	Benzo(a)anthracene	10	U	U	10	ug/L	12/16/03	mmb
	Chrysene	10	U	U	10	ug/L	12/16/03	mmb
	3,3-Dichlorobenzidine	10	U	U	10	ug/L	12/16/03	mmb
	Bis(2-ethylhexyl)phthalate	10	U	U	10	ug/L	12/16/03	mmb
	Di-n-octyl phthalate	10	U	U	10	ug/L	12/16/03	mmb
	Benzo(b)fluoranthene	10	U	U	10	ug/L	12/16/03	mmb
	Benzo(k)fluoranthene	10	U	U	10	ug/L	12/16/03	mmb
	Benzo(a)pyrene	10	U	U	10	ug/L	12/16/03	mmb
	Indeno(1,2,3-cd)pyrene	10	U	U	10	ug/L	12/16/03	mmb
	Dibenzo(a,h)anthracene	10	U	U	10	ug/L	12/16/03	mmb
	Benzo(ghi)perylene	10	U	U	10	ug/L	12/16/03	mmb
SW846 8260B	Volatile Organics							
	Chloromethane	enviro.			10.0	ug/L		drr
	Vinyl chloride	enviro.			10.0	ug/L		drr
	Bromomethane	enviro.			10.0	ug/L		drr
	Chloroethane	enviro.			10.0	ug/L		drr
	1,1-Dichloroethene	enviro.			10.0	ug/L		drr
	Carbon disulfide	enviro.			10.0	ug/L		drr
	Acetone	enviro.			10.0	ug/L		drr
	Methylene chloride	enviro.			10.0	ug/L		drr
	1,1-Dichloroethane	enviro.			10.0	ug/L		drr
	Vinyl acetate	enviro.			10.0	ug/L		drr
	2-Butanone (MEK)	enviro.			10.0	ug/L		drr
	Chloroform	enviro.			10.0	ug/L		drr
	1,1,1-Trichloroethane	enviro.			10.0	ug/L		drr
	Carbon tetrachloride	enviro.			10.0	ug/L		drr
	1,2-Dichloroethene (total)	enviro.			10.0	ug/L		drr
	Benzene	enviro.			10.0	ug/L		drr
	1,2-Dichloroethane	enviro.			10.0	ug/L		drr
	Trichloroethene	enviro.			10.0	ug/L		drr
	1,2-Dichloropropane	enviro.			10.0	ug/L		drr
	Bromodichloromethane	enviro.			10.0	ug/L		drr
	2-Chloroethylvinylether	enviro.			10.0	ug/L		drr
	cis-1,3-Dichloropropene	enviro.			10.0	ug/L		drr
	4-Methyl-2-pentanone (MIBK)	enviro.			10.0	ug/L		drr
	Toluene	enviro.			10.0	ug/L		drr
	trans-1,3-Dichloropropene	enviro.			10.0	ug/L		drr
	1,1,2-Trichloroethane	enviro.			10.0	ug/L		drr

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 231352 Date: 01/06/2004

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

Customer Sample ID: Storm Water
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-3
Date Received.....: 12/09/2003
Time Received.....: 11:00

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

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 231352 Date: 01/06/2004

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

Customer Sample ID: Condensate
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-4
Date Received.....: 12/09/2003
Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 270.2	Selenium (Se), TCLP	25.0	U	N	25.0	ug/L	12/22/03	mwh
SW846 7470A	Mercury (Hg), TCLP	1.5		N	0.50	ug/L	12/22/03	lms
SW846 1311	TCLP Extraction, TCLP	Complete					12/10/03	smo
SW846 1311	TCLP Extraction	Complete						ljc
SW846 1311	TCLP Extraction, TCLP	Complete					12/10/03	smo
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete					12/17/03	pcp
SW846 8081A	Organochlorine Pesticide Analysis							
	gamma-BHC (Lindane), TCLP	21	U		21	ug/L	12/21/03	smo
	Heptachlor, TCLP	1.0	U		1.0	ug/L	12/21/03	smo
	Heptachlor epoxide, TCLP	1.0	U		1.0	ug/L	12/21/03	smo
	Endrin, TCLP	1.0	U		1.0	ug/L	12/21/03	smo
	Methoxychlor, TCLP	210	U		210	ug/L	12/21/03	smo
	Toxaphene, TCLP	21	U		21	ug/L	12/21/03	smo
	Technical Chlordane, TCLP	21	U		21	ug/L	12/21/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	699		N	500	ug/L	12/19/03	mad
	Barium (Ba), TCLP	1000	U		1000	ug/L	12/19/03	mad
	Cadmium (Cd), TCLP	50.0	U		50.0	ug/L	12/19/03	mad
	Chromium (Cr), TCLP	50.0	U		50.0	ug/L	12/19/03	mad
	Lead (Pb), TCLP	500	U		500	ug/L	12/19/03	mad
	Silver (Ag), TCLP	50.0	U		50.0	ug/L	12/19/03	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	26			21	ug/L	12/17/03	mmb
	1,4-Dichlorobenzene, TCLP	21	U	U	21	ug/L	12/17/03	mmb
	2-Methylphenol (o-cresol), TCLP	49			21	ug/L	12/17/03	mmb
	Hexachloroethane, TCLP	21	U	U	21	ug/L	12/17/03	mmb
	4-Methylphenol (m/p-cresol), TCLP	690		E	21	ug/L	12/17/03	mmb
	Nitrobenzene, TCLP	21	U	U	21	ug/L	12/17/03	mmb
	Hexachlorobutadiene, TCLP	21	U	U	21	ug/L	12/17/03	mmb
	2,4,6-Trichlorophenol, TCLP	21	U	U	21	ug/L	12/17/03	mmb
	2,4,5-Trichlorophenol, TCLP	100	U	U	100	ug/L	12/17/03	mmb
	2,4-Dinitrotoluene, TCLP	21	U	U	21	ug/L	12/17/03	mmb
	Hexachlorobenzene, TCLP	21	U	U	21	ug/L	12/17/03	mmb
	Pentachlorophenol, TCLP	52	U	U	52	ug/L	12/17/03	mmb
SW846 8260B	Volatile Organics							
	Vinyl chloride, TCLP	200	U		200	ug/L	12/11/03	pcp
	1,1-Dichloroethene, TCLP	200	U		200	ug/L	12/11/03	pcp
	2-Butanone (MEK), TCLP	390			200	ug/L	12/11/03	pcp
	Chloroform, TCLP	200	U		200	ug/L	12/11/03	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 231352 Date: 01/06/2004

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

Customer Sample ID: Condensate
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-4
Date Received.....: 12/09/2003
Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Carbon tetrachloride, TCLP	200	U		200	ug/L	12/11/03	pcp
	Benzene, TCLP	200	U		200	ug/L	12/11/03	pcp
	1,2-Dichloroethane, TCLP	200	U		200	ug/L	12/11/03	pcp
	Trichloroethene, TCLP	200	U		200	ug/L	12/11/03	pcp
	Tetrachloroethene, TCLP	200	U		200	ug/L	12/11/03	pcp
	Chlorobenzene, TCLP	200	U		200	ug/L	12/11/03	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 231352 Date: 01/06/2004

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

Customer Sample ID: Condensate
Date Sampled.....: 11/30/2003
Time Sampled.....: 15:00
Sample Matrix.....: Water

Laboratory Sample ID: 231352-4
Date Received.....: 12/09/2003
Time Received.....: 11:00

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	12/17/03	mmb
	1,4-Dichlorobenzene, TCLP	1000	U	U	1000	ug/L	12/17/03	mmb
	2-Methylphenol (o-cresol), TCLP	1000	U	U	1000	ug/L	12/17/03	mmb
	Hexachloroethane, TCLP	1000	U	U	1000	ug/L	12/17/03	mmb
	4-Methylphenol (m/p-cresol), TCLP	4600		D	1000	ug/L	12/17/03	mmb
	Nitrobenzene, TCLP	1000	U	U	1000	ug/L	12/17/03	mmb
	Hexachlorobutadiene, TCLP	1000	U	U	1000	ug/L	12/17/03	mmb
	2,4,6-Trichlorophenol, TCLP	1000	U	U	1000	ug/L	12/17/03	mmb
	2,4,5-Trichlorophenol, TCLP	5200	U	U	5200	ug/L	12/17/03	mmb
	2,4-Dinitrotoluene, TCLP	1000	U	U	1000	ug/L	12/17/03	mmb
	Hexachlorobenzene, TCLP	1000	U	U	1000	ug/L	12/17/03	mmb
	Pentachlorophenol, TCLP	2600	U	U	2600	ug/L	12/17/03	mmb

* In Description = Dry Wgt.

LABORATORY CHRONICLE

Job Number: 231352 Date: 01/06/2004

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

Lab ID: 231352-1 Client ID: Leachate Sch A Date Recvd: 12/09/2003 Sample Date: 11/30/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	58915				
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	58532		12/10/2003	1000	
SM18 4500CNE	Cyanide, Total	1	59133		12/15/2003	0000	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	58889		12/10/2003	1200	
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	58890		12/10/2003	1200	
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	58880		12/10/2003	1200	
EPA 245.1	Mercury (CVAA)	1	59072		12/14/2003	1230	
SW846 6010B	Metals Analysis (ICAP)	1	59406	58532	12/19/2003	1930	5.000
SW846 6010B	Metals Analysis (ICAP)	1	59517	58532	12/23/2003	1319	10
SW846 8081A	Organochlorine Pesticide Analysis	1	59532		12/21/2003	0000	
QA Services	Quality Assurance Services	1	58869				
QA Services	Quality Assurance Services	1	59470				
QA Services	Quality Assurance Services	1	59417		12/22/2003	0000	
QA Services	Quality Assurance Services	1	59533		12/23/2003	0000	
EPA 270.2	Selenium (GFAA)	1	59514	58532	12/22/2003	1500	5
SW846 8270C	Semivolatile Organics	1	59737				
SW846 8270C	Semivolatile Organics	1	59430		12/16/2003	1437	1
SW846 8260B	Volatile Organics	1	58870				

Lab ID: 231352-2 Client ID: Leachate Sch B Date Recvd: 12/09/2003 Sample Date: 11/30/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	58532		12/10/2003	1000	
SM18 5210B	Biochemical Oxygen Demand (BOD/CBOD)	1	59138		12/10/2003	0000	
HACH 8000	Chemical Oxygen Demand (HACH)	1	58847		12/11/2003	0830	
SM18 4500Cl	Chloride	1	59121		12/15/2003	1055	
SM18 4500CNG	Cyanide, Amenable to Chlorination (ATC)	1	59134		12/15/2003	0000	
SM18 3500CrD	Hexavalent Chromium	1	58697		12/10/2003	1145	
EPA 245.1	Mercury (CVAA)	1	59072		12/14/2003	1232	
SW846 6010B	Metals Analysis (ICAP)	1	59406	58532	12/19/2003	1934	5.000
LAC 11107041A	Nitrate-Nitrite	1	59702		12/11/2003	0000	
SM18 4500NH3E	Nitrogen, Ammonia (Distillation)	1	59696		12/22/2003	1930	
LAC 10107062D	Nitrogen, Total Kjeldahl	1	59704		12/14/2003	0000	
EPA 270.2	Selenium (GFAA)	1	59514	58532	12/22/2003	1510	5
EPA 160.2	Solids, Total Suspended (TSS)	1	59700		12/11/2003	1220	
EPA 418.1	Total Recoverable Petroleum Hydrocarbons	1	58980		12/11/2003	0000	
SM18 4500H+B	pH (Water)	1	58619		12/09/2003	1724	

Lab ID: 231352-3 Client ID: Storm Water Date Recvd: 12/09/2003 Sample Date: 11/30/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
SW846 5030(5mL	5030 5 mL Purge Prep	1	58915				
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	58532		12/10/2003	1000	
SM18 4500CNE	Cyanide, Total	1	59133		12/15/2003	0000	
SW846 3510C	Extraction Sep. Funnel (Chlor.Pest)	1	58889		12/10/2003	1200	
SW846 3510C	Extraction Sep. Funnel (PCBs)	1	58890		12/10/2003	1200	
SW846 3510C	Extraction Sep. Funnel (SVOC)	1	58880		12/10/2003	1200	
EPA 245.1	Mercury (CVAA)	1	59072		12/14/2003	1234	
SW846 6010B	Metals Analysis (ICAP)	1	59406	58532	12/19/2003	1959	5.000
SW846 8081A	Organochlorine Pesticide Analysis	1	59532		12/21/2003	0000	
QA Services	Quality Assurance Services	1	58869				
QA Services	Quality Assurance Services	1	59417				
QA Services	Quality Assurance Services	1	59470				
QA Services	Quality Assurance Services	1	59533				
EPA 270.2	Selenium (GFAA)	1	59514	58532	12/22/2003	1520	5
SW846 8270C	Semivolatile Organics	1	59737				
SW846 8270C	Semivolatile Organics	1	59430		12/16/2003	1513	1

LABORATORY CHRONICLE

Job Number: 231352

Date: 01/06/2004

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

Lab ID: 231352-3 Client ID: Storm Water
Date Recvd: 12/09/2003 Sample Date: 11/30/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
SW846 8260B	Volatile Organics	1	58870				

Lab ID: 231352-4 Client ID: Condensate
Date Recvd: 12/09/2003 Sample Date: 11/30/2003

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	58532		12/10/2003	1000	
SW846 7470A	Mercury (CVAA) Liquid Waste	1	59462		12/22/2003	1450	
SW846 6010B	Metals Analysis (ICAP)	1	59406	58532	12/19/2003	2019	5.000
SW846 8081A	Organochlorine Pesticide Analysis	1	59532		12/21/2003	0000	
QA Services	Quality Assurance Services	1	58869				
QA Services	Quality Assurance Services	1	59417				
QA Services	Quality Assurance Services	1	59470				
QA Services	Quality Assurance Services	1	59533				
EPA 270.2	Selenium (GFAA)	1	59514	58532	12/22/2003	1559	5
SW846 8270C	Semivolatile Organics	1	59430		12/17/2003	1546	1
SW846 8270C	Semivolatile Organics	1	59430		12/17/2003	1733	1
SW846 8270C	Semivolatile Organics	2	59430		12/17/2003	1546	1
SW846 8270C	Semivolatile Organics	2	59430		12/17/2003	1733	1
SW846 1311	TCLP Extraction	1	59444				
SW846 1311	TCLP Extraction BN/Acids	1	58881		12/10/2003	1200	
SW846 1311	TCLP Extraction Metals	1	58630		12/10/2003	0830	
SW846 1311	TCLP Extraction Pesticides	1	58891		12/10/2003	1200	
SW846 1311	TCLP Zero Headspace Extraction	1	59046		12/17/2003	1200	
SW846 8260B	Volatile Organics	1	59678		12/11/2003	0000	20

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 01/06/2004

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

Appendix B – Inspection Forms for November 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	N/S	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	N/S	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	N/S	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: . November 13, 2003 Initials: KMB

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

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
FCS-1			
	7	Rill by pond c inlet	Need to fill and re-
			seed
	8	10'x8' area of sparse vegetative	
		growth	

DATE: November 13, 2003 INSPECTED BY: KMB

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

DATE: 11/10/03 INITIALS: KMB

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: 11/10/03 INSPECTED BY: KMB

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	Flapgate 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: 11-12-03 Initials: KMB

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: 11/12/03 INSPECTED BY: KB

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: 11-18-03 Initials: KMB

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: 11/18/03 INSPECTED BY: KB

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: 11-17-03 Initials: KMB

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: 11/17/03 INITIALS: KB

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: 11/13/03 Initials: KMB

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	
	Roads	washout and rutting at	
	B2-C	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	

DATE: 11-13-03 INSPECTED BY: KMB

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

Date	11/3/2003			11/7/2003		
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=)			13111.1			13111.1
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	20		80	20		80
C. Inlet Valve Position	25		% Open	25		% Open
D. LFG Flowrate-CFM						
E. Gauges Operational?	Yes		**No**	Yes		**No**
F. Nitrogen Pressure-PSIG	100		1100	100		1100
6. SITE CONDITION						
Vandalism, Cleanliness	**Good**		Bad	**Good**		Bad
Reviewed By						
Date	11/3/2003			11/7/2003		

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

Having trouble with starting flare my be due to poor gas levels

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

Date	11/10/2003			11/14/2003		
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=)			13111.1			13111.1
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	20		80	20		80
C. Inlet Valve Position	25		% Open	25		% Open
D. LFG Flowrate-CFM						
E. Gauges Operational?	Yes		**No**	Yes		**No**
F. Nitrogen Pressure-PSIG	100		1100	100		1100
6. SITE CONDITION						
Vandalism, Cleanliness	**Good**		Bad	**Good**		Bad
Reviewed By						
Date	11/10/2003			11/14/2003		

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

Having trouble with starting flare my be due to poor gas levels

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

Date	11/17/2003			11/21/2003			
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=)			13111.1			13111.1
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	20		80	20		80
C. Inlet Valve Position	25		% Open	25		% Open
D. LFG Flowrate-CFM						
E. Gauges Operational?	Yes		**No**	Yes		**No**
F. Nitrogen Pressure-PSIG	100		1100	100		1100
6. SITE CONDITION						
Vandalism, Cleanliness	**Good**		Bad	**Good**		Bad
Reviewed By						
Date	11/17/2003			11/21/2003		

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

Having trouble with starting flare my be due to poor gas levels

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

Date	11/24/2003			11/26/2003			
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=)			13111.1			13111.1
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	20		80	20		80
C. Inlet Valve Position	25		% Open	25		% Open
D. LFG Flowrate-CFM						
E. Gauges Operational?	Yes		**No**	Yes		**No**
F. Nitrogen Pressure-PSIG	100		1100	100		1100
6. SITE CONDITION						
Vandalism, Cleanliness	**Good**		Bad	**Good**		Bad
Reviewed By						
Date	11/24/2003			11/26/2003		

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

Having trouble with starting flare my be due to poor gas levels

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

Date: 11/4/2003 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 / 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	13038.8
P-2	17040.2

Pumps	ETM
P-1	16384.8
P-2	14637.6

Pumps	ETM
P-1	42308.7
P-2	40857.6

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer x 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	2891.1	[ ]	[ ]	[ ]
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	870.7	[ ]	[ ]	[ ]
P-2	1294.6	[ ]	[ ]	[ ]

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

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

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.

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

Date: 11/7/2003 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		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				

D-1		D-8		D-10	
Pumps	ETM	Pumps	ETM	Pumps	ETM
P-1	13050.6	P-1	16384.8	P-1	42325.8
P-2	17051.7	P-2	14694.7	P-2	40889.1

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer x 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	2897.0	[ ]	[ ]	[ ]
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	873.1	[ ]	[ ]	[ ]
P-2	1297.2	[ ]	[ ]	[ ]

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

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

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.

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

Date: 11/10/2003 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 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 13059.4 P-2 17060.2	Pumps ETM P-1 16384.8 P-2 14694.3	Pumps ETM P-1 42346.7 P-2 40902.6

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 581,647 x 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	2908.5	[ ]	[ ]	[ ]
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	877.3	[ ]	[ ]	[ ]
P-2	1301.3	[ ]	[ ]	[ ]

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

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	21033.9	[ ]	[ ]	[ ]
P-2	22065.0	[ ]	[ ]	[ ]

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

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.

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

Date: 11/14/2003 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		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				

D-1		D-8		D-10	
Pumps	ETM	Pumps	ETM	Pumps	ETM
P-1	13068.8	P-1	16384.8	P-1	42356.2
P-2	17069.6	P-2	14694.3	P-2	40935.9

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 581,647 x 100 =

4. D-1 Forcemain Pressure

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	2908.5	[ ]	[ ]	[ ]
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	877.3	[ ]	[ ]	[ ]
P-2	1301.3	[ ]	[ ]	[ ]

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

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	21033.9	[ ]	[ ]	[ ]
P-2	22065.0	[ ]	[ ]	[ ]

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

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.

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

Date: 11/17/2003 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 / 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	13077.4	P-1	16384.8	P-1	42370.5
P-2	17069.6	P-2	14694.3	P-2	40947.7

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 581,647 x 100 =

$. D-1 Forcemain Pressure

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	2912.2	[ ]	[ ]	[ ]
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	877.3	[ ]	[ ]	[ ]
P-2	1301.3	[ ]	[ ]	[ ]

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

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	21033.9	[ ]	[ ]	[ ]
P-2	22065.0	[ ]	[ ]	[ ]

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

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.

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

Date: 11/21/2003 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		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	13083.0
P-2	17083.7

Pumps	ETM
P-1	16386.5
P-2	14713.2

Pumps	ETM
P-1	42372.7
P-2	40951.0

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 582,054 x 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	2925.1	[ ]	[ ]	[ ]
P-2	2816.3	[ ]	[ ]	[ ]

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	877.3	[ ]	[ ]	[ ]
P-2	1301.3	[ ]	[ ]	[ ]

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

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	34974.8	[ ]	[ ]	[ ]
P-2	22065.0	[ ]	[ ]	[ ]

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

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.

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

Date: 11/24/2003 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		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	13108.6							P-1	16386.5							P-1	42413.4						
	P-2	17109.5							P-2	14713.2							P-2	40960.5						

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 583,464 x 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	2942.3	[ ]	[ ]	[ ]
P-2	2816.7	[ ]	[ ]	[ ]

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	878.7	[ ]	[ ]	[ ]
P-2	1302.7	[ ]	[ ]	[ ]

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

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	34991.6	[ ]	[ ]	[ ]
P-2	22065.0	[ ]	[ ]	[ ]

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

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.

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

Date: 11/26/2003 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 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 13116.5; P-2 17117.8	Pumps / ETM: P-1 16386.5; P-2 14713.2	Pumps / ETM: P-1 42413.4; P-2 40960.5

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 583,839 x 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	2943.9	[ ]	[ ]	[ ]
P-2	2816.7	[ ]	[ ]	[ ]

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	878.7	[ ]	[ ]	[ ]
P-2	1302.7	[ ]	[ ]	[ ]

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

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	34991.6	[ ]	[ ]	[ ]
P-2	22065.0	[ ]	[ ]	[ ]

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

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.

Appendix C – Copy of Log Book November 2003

11/3/03

Made Rounds

Pumped D-8

Pumped LS-2

flare still Not starting

sprayed more areas on the IRM road

11/4/03

made rounds

pumped D-8

pumped LS-2

flare still N/G

put values on bottom of tank farm

11/05

made rounds

pumped D-8

pumped LS-2

flare N/G

Rained ~~very~~ much of the day

11/6/03

made rounds
pumped D-8
pumped LS-2
Rained on & off
flare N/G

11/7

made rounds
did inspection
pumped D-8
pumped LS-2
Ray, Pete, Demetri on site
flare N/G

11/10

made rounds
pump D-8 not in service
pumped LS-2
got mice out of LS-2
flare N/G

11/11

maker Rounds
did inspection

electricians ~~of~~ on site to look at blower left at 8:30
pumped LS-2

11/12
made rounds
pumped LS-2
rained most of the day

11/13
made rounds
pumped LS-2
very strong winds
Ray & Demetri on site

11/14
made rounds
did inspection
pumped LS-2
Pete, Demetri, & Ray on site

11/15
made rounds
did inspection
LS-2 breakers tripped, reset and pumped down

11/18
made rounds
rained all day
flare still down

11/19
made rounds
bought chain saw from Boston Road
took ride-on lawnmower back
flare still down

11/04
MADE rounds
tanks ARE all most full, open valve
to D-1 to drain tanks faster
did inspection

11/25
made rounds
Eli is here to work on heat tracing
by decon. trailer & repair D-8

12/1
made rounds
pumped LS-2
Peter, demetri, & ray on site
Eli on site