Pelham Bay Landfill
Maintenance, Repair and Monitoring Program
Monthly Report
NYSDEC ID Number: 203001
Bronx County
New York City Department of Environmental Protection

April 2007 - Revised

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Section I – General

This monthly report covers the period from April 1, 2007 to April 30, 2007. The report contains information in accordance with Contract No. 1140-PEL between Severn Trent Environmental Services (STES) and the NYCDEP.

The online performance of the landfill gas flare and the leachate pumping to the force main is provided below.

Landfill Gas Flare

Landfill gas generated within the landfill is collected through twenty two (22) gas extraction wells, a gas venting layer at the surface of the landfill and a perimeter gas collection pipe around the base of the landfill. Extracted gas is conveyed via polyethylene piping to blowers and an enclosed flare system.

The gas flare system consists of two blowers and a burner management system. The burner management system includes a flame safeguard package, which monitors key parameters and shuts the unit down if an unsafe condition occurs. The key shut down interlocks are: high and low flare temperature, flame failure and low purge air flow (during purge cycle). The start-up sequence is; stack purge, pilot ignition, initiate waste gas flow, and louver adjustment to achieve set point operating temperature. The standard operating procedure for the system is in the automatic mode. In this mode the initial start-up sequence will automatically make three attempts to start the system before shutting down. However, once the system has shutdown, all alarm conditions must be manually cleared prior to initiating the start-up sequence.

On December 21st 2006 the gas flare flow totalizer was removed from service for repair and was returned to service on February 16th 2007. After the meter was installed the operator misread the new display and recorded elapsed time rather than instantaneous or totalized flow rate. The average daily flow readings were estimated by calculating the flare blower elapsed time over the reporting period and multiplying that by a historical average of 1,100 SCFM. Table-1, Gas Flare Totalizer Readings, included in Appendix A, provides a summary of the estimated flows.

The calculated percent run time for April 2007 was 56.21 % run time. This is based on the difference of the beginning and end of the minute time clock readings for the month divided by the total minutes between first and last days of readings for the month.

Total Flow (cuft)	45,967,863
Average Daily Flow (cuft)	1,532,262
Min Daily Flow (cuft)	555,720
Max Daily Flow (cuft)	2,302,300

Leachate Pumping to Force Main

The leachate collection and disposal system was designed for the removal of leachate from the landfill in order to protect the groundwater from contamination and limit discharges into the surrounding environment. Leachate is collected by a combination of a down gradient collector drain, collection manholes and collection sumps, curtain drain, lift stations, and storage tanks. Collected leachate stored in the holding tanks is drained to pump station D-1 which pumps through a force main to the Hunt's Point Water Pollution Control Plant. The pumps in station D-1 are controlled by level float switches. The drain line from the storage tanks to D-1 pump station is equipped with an automated valve and shut-offs to prevent the D-1 pumps from pumping to the forcemain during combined sewer overflow (CSO) events. A remote telemetry unit (RTU) receives a signal from an on-site rain gauge and the CSO event signal and is integrated with the DEP's central monitoring system.

On April 10th the flow meter appeared to be correctly totalizing the flow amounts. Total flow pumped is calculated based on recorded flow totalizer readings from the force main flow meter. The totalizer flow is calculated from the difference between the beginning of and end of April totalizer readings. This data is presented on Table-2, Pump Station D-1 Flow Totalizer Readings, which is included in Appendix A of this report.

The calculated percent run time for the pumps in D-1 is based on the minute time clock readings for the month divided by the total minutes between first and last days of readings for the month for each pump. The percent run time is calculated for D-1 pump number 1 is 35.02 % and pump number 2 is 11.98%.

Total Flow (Gallons)	977,810
Average Daily Flow (GPD)	32,594
Min Daily Flow (GPD)	0
Max Daily Flow (GPD)	100,000

Section II– Summary of the Testing Program Results

Landfill Gas Monthly Monitoring
The 22 landfill gas extraction wells and the gas influent into the flare are monitored in accordance with the procedures outlined in the Operation and Maintenance Manual, Section 5 Landfill Gas Management System. Monitoring is performed monthly, and was last performed on April 20th , 2007. The readings are recorded on form LFG-2 which can be found in Appendix A of this report. Monitoring frequency is scheduled in accordance with the contract documents.

The landfill gas flare is designed to run continuously and has automatic safety shutdowns. During this reporting period the flare continued to operate as designed with periodic shutdowns. Gas concentrations at the flare inlet are just above the minimum methane concentrations to sustain continuous combustion. The methane concentration of the landfill gas has been decreasing over time as expected based on the age of the landfill. STES has adjusted valve settings on the gas extraction well to minimize well overdraw. Several gas extraction wells EW-1, EW-7, EW-11 and EW-16 with high oxygen concentrations are closed and will be returned to service if/when methane gas readings improve

Gas Monitoring Well Sampling
The four Gas Monitoring Wells are sampled following the procedures outlined in the Operation and Maintenance Manual, Section 6 subsection 6.2.1 Item 5. Samples were last collected July 19th, 2006.

Landfill Surface Gas Monitoring
There are ten landfill surface gas points identified in the Operations and Maintenance Manual, section 6, subsection 6.2.1, item 6. Monitoring was last performed June 13, 2006.

Groundwater Sampling and Elevation Monitoring
Sampling of the eleven (11) landfill groundwater monitoring wells is performed in accordance with the procedures outlined and referred to in the Operation and Maintenance Manual, Section 6, Subsection 6.2.1 Item 1. Groundwater sampling was last performed in November 2006, and was scheduled to be performed during the April 2007 reporting period, however this sampling event was postponed at the request of the DEP. At this time, Delta Well, under contract with DEP, was onsite to redevelop the wells.

Elevation monitoring of the twenty one (21) groundwater elevation locations is performed in accordance with the procedures outlined in the above referenced section of the Operations and Maintenance Manual. The monitoring was last performed in December 2006 and is scheduled to be performed during the August 2007 reporting period. Monitoring frequency is scheduled in accordance with the contract documents.

Leachate Sampling
Leachate sampling is performed in accordance with the procedures outlined in the Operation and Maintenance Manual. Section 6, sub-section 6.2.1, Item 3. Samples were last collected in November 2006 and are next scheduled to be sampled during the June 2007 reporting period. Sampling frequency is scheduled in accordance with the contract documents.

Gas Condensate Sampling
Gas condensate sampling is not a requirement as stated in the Operations and Maintenance Manual, Section 5, Subsection 5.4.2. Samples were last collected during the November 2006 reporting period. Samples are collected at the request of the DEP.

Stormwater Sampling
Stormwater samples are collected in accordance with the procedures outlined in the Operations and Maintenance Manual, Section 6, subsection 6.2.1, Item 4. Sampling was last performed in November 2006 and is next scheduled to be performed during the June 2007 reporting period. Sampling frequency is scheduled in accordance with the contract documents.

Gas Flare Exhaust Sampling
The contract documents do not state a frequency for gas flare exhaust sampling. Sampling is performed only at the request of the NYCDEP and is to be performed by a qualified stack testing firm. According to the NYCDEP, stack testing was last performed prior to the award of this contract.

Section III – Recommendations for Maintenance and Actions Taken

This section contains a system-by-system description of routine maintenance and inspection procedures. All deficiencies and recommended repair actions are included.

Operating System – Landfill Cover System

The contract requires that a monthly inspection of the landfill cover system be performed. The inspection consists of visual observations of the following: side slopes, vegetation, underlying geosynthetic and soil components, and vandalism. Side slopes were observed for deficiencies such as surface cracks, settlement, erosion, sink holes, ponding or any other observation that could lead to unstable side slopes. The cover system was observed for any signs of sparse, stressed or undesirable vegetation and damage to the underlying geosynthetic layer.

The FCS-1 inspection was performed on April 3, 2007. No deficiencies were observed and recorded. A copy of this form is included in Appendix B.

Operating System - Stormwater Management System

The contract requires that a monthly inspection of the Stormwater Management Systems be performed. The O&M Manual identifies three integral systems; SMS-1, Stormwater Drainage Ditches, SMS-2, Manholes and Baffles Outlets, and SMS-3 Sedimentation Ponds.

- Stormwater Drainage Ditches and Infiltration Drainage Trenches

The SMS-1 inspection consists of visual observations of the stormwater drainage ditches and infiltration drainage trenches. Any deficiencies such as excessive vegetation, accumulation of sediments or the presence of erosion rills or depressions discovered during the inspection were recorded on the SMS-1 form and associated DP-1 form.

The SMS-1 inspection was performed on April 10, 2007. A copy of this form and associated DP-1 form are included in Appendix B.

Deficiency

Varying degrees of 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 baffled outlets. There was no evidence of washout.

Repair Action

Plans to remove vegetation are being developed and plan to be implemented during the fall of this year, to coincide with planned pond cleanout activities.

- Manholes, HDPE Pipes and Baffles Outlets

The SMS-2 inspection consists of visual observations of the stormwater manholes and connecting piping. Deficiencies such as blockages, silt accumulation, cracking or leaking at piping connections, alignment and condition of internal structures were recorded. The baffled outlets were inspected for blockages, silt accumulation, spalling of the concrete structure and condition of handrails. No deficiencies were recorded on the SMS-2 form.

The SMS-2 inspection was performed on April 10, 2007. A copy of this form is included in Appendix B.

- Sedimentation Ponds

The SMS-3 inspection consists of visual observations for excessive vegetation or silt accumulation in the ponds and for any blockages in the flow path. All deficiencies were recorded on the SMS-3 form and associated DP-1 form.

The SMS-3 inspection was performed on April 10, 2007. A copy of this form and associated DP-1 form are included in Appendix B.

Deficiency

Pond A - Silt, dense phragmite and tree growth, as well as shallow standing water were present at the bottom of the pond.

Pond B - Several feet of standing water is 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.

Pond C - Pond C had amounts of silt accumulation, dense phragmite growth, and shallow standing water in the bottom of the pond.

Repair Action

Although the ponds have an accumulation of silt and phragmite growth, they are performing to design intent. Plans to clean out the ponds are being developed. It is estimated that the corrective action should begin in the late summer through early winter of 2007.

Operating System - Groundwater/Leachate Collection System

The contract requires that twice weekly, monthly and quarterly inspections of the Groundwater/Leachate System be performed. This information is summarized on three inspections forms: GWL-1, GWL-2 and GWL-3.

Data from the electrical control panels for each of the pump and lift stations as well as levels in the sumps and the presence of leaks are recorded on the twice weekly GWL-1 form. No deficiencies were observed and recorded. Copies of these forms are included in Appendix B.

The monthly GWL-2 form is a checklist for each of the pump and lift stations as well as the gravity line manholes. The information recorded includes condition of the manhole covers, silt accumulation in each sump, evidence of settlement along the buried pipelines; and flow into each sump. The GWL-2 inspection was performed on April 10th 2007. Any deficiencies were observed and recorded. A copy of this form and associated DP-1 form are included in Appendix B.

GWL-3 inspection is performed quarterly. This is a checklist for vandalism, settlement of the well head or piezometer and accessibility to each of the groundwater monitoring wells and piezometers.

Deficiency
On the GWL-2 form, there are two deficiencies marked as NS, the manhole cover in DS-1 and silt accumulation in D-5. There are several manholes and sumps with "slight" "moderate" and "heavy". These designations were included to approximate the amount of sediment accumulation in the manholes, and are subjective readings. To clarify these terms the following applies; "Slight" indicates trace amounts of silt and does not require a remedial action, "Moderate" indicates a small accumulation of silt and the remedial action is to continue monitoring, " Heavy" indicates that the sediment has progressed to the point that it restricts flow, the remedial action is to schedule a cleanout of the manhole.

Repair Action
STES to investigate and make repair replacement determination for the DS-1 manhole cover then implement corrective action.

STES to develop scope of work and gather quotes for manhole and sump cleanouts, then implement corrective action.

Continue to observe and monitor the "slight" settlement indicated at Manhole/Sump U-4.

Operating System - Landfill Gas System

The contract requires that twice weekly, monthly and quarterly inspections of the Landfill Gas Management System be performed. This information is recorded on three inspection forms LFG-1, LFG-2 and LFG-3.

Monthly readings for methane, carbon dioxide and oxygen from each of the 22 gas extraction wells are recorded on the LFG-2 form. This inspection was performed on April 20th , 2007.

The LFG-3 inspection is performed quarterly. This is a checklist of the buried gas piping, which collects and conveys the gas generated within the landfill.

The LFG-1 inspections were performed during April 2007. No deficiencies were observed and recorded. A copy of these forms are included in Appendix B.

Operating System – Ancillary System

The contract requires monthly inspections of the Ancillary Systems be performed. This inspection includes visual observations of the access roadways within the landfill for potholes or

burrow holes, erosion, settlement, debris, loss of the crushed stone cover surface and condition of the roadside reflectors. The condition of the fence, gates and seawall are also noted. The information is recorded on the AS-1 form and any deficiencies are noted on the associated DP-1 form.

The AS-1 inspection was performed on April 3, 2007. A copy of the completed form and DP-1 form are included in Appendix B.

Deficiency

There are several problematic areas with the roads, rutting is prevalent throughout the sites roads, there are several reflectors missing, in some areas there are deep ruts that expose the weed barrier material.

There are several locations along Road A where unauthorized personnel have cut access holes through the fence or dug holes under the fence in order to gain access from adjacent Pelham Park to the western embankment outside the landfill along the Eastchester Bay. This is an ongoing issue.

Road B2 was designated "Not Satisfactory" pertaining to "Pavement Condition". The closest thing to pavement on this site is the concrete pad in the Decontamination area. The Operations and Maintenance Manual does not provide details regarding actual pavement. The site roads are of crushed rock construction and the deficiencies are clearly defined with respect to rutting, settlement and washouts. STES will regard "pavement" as the weed barrier cloth under the crushed stone and a "Not Satisfactory" rating will be assigned when the cloth has been exposed and is subjected to damage by passing vehicles.

Repair Action

Sixty tons of crushed stone was delivered to the site in March and roadway rut and hole repair was performed by STES personnel. In April, STES trimmed back the weed barrier cloth and raked the soil cover over the area near Road B2, however, these repairs are short term.

Determine the specification and quantity of missing reflectors, acquire and replace the missing reflectors once the determination is made.

Fence repairs are performed under a separate NYCDEP contract, STES will notify the NYCDEP of the problem.

Section IV – Evaluation of Site Operations

Site operations for this period consisted of completing the bi-weekly and monthly inspections, and maintaining parking lot and trailer areas. The inspections performed during this period did not uncover any new deficiencies.

The DEP's contractor, Delta Well, was onsite throughout the month to video, redevelop and repair the groundwater monitoring wells. DEP personnel were onsite on April 17th to perform a dye test at the D-1 manhole.

Please refer to Section III for a discussion of the existing deficiencies. Copies of the inspection checklists for the month of April 2007 are located in Appendix B of this report. A copy of the logbook for April 2007 is included in Appendix C.

Appendix A

- **Table-1, Gas Flare Totalizer Readings**
- **Table-2, Pump Station D-1 Flow Totalizer Readings**
- **LFG-2, Monthly Landfill Gas Management System**

TABLE-1
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - LANDFILL GAS FLARE

Date	Totalizer	difference	flow (cuft)*
3/31/2007		1700	1,869,523
4/1/2007	64431.1	1331	1,463,550
4/2/2007	65761.6	1472	1,618,980
4/3/2007	67233.4	1513	1,663,860
4/4/2007	68746	1184	1,301,850
4/5/2007	69929.5	1502	1,651,943
4/6/2007		1502	1,651,943
4/7/2007		1502	1,651,943
4/8/2007	74434.8	1602	1,762,090
4/9/2007	76036.7	1238	1,361,360
4/10/2007	77274.3	1727	1,899,480
4/11/2007	79001.1	1372	1,508,870
4/12/2007	80372.8	1280	1,408,477
4/13/2007		1280	1,408,477
4/14/2007		1280	1,408,477
4/15/2007	84214.1	1577	1,735,140
4/16/2007	85791.5	588	647,130
4/17/2007	86379.8	1065	1,171,280
4/18/2007	87444.6	1475	1,622,830
4/19/2007	88919.9	1472	1,619,273
4/20/2007		1472	1,619,273
4/21/2007		1472	1,619,273
4/22/2007	93336.1	1554	1,709,290
4/23/2007	94890.0	1134	1,247,510
4/24/2007	96024.1	1198	1,317,250
4/25/2007	97221.6	1597	1,757,030
4/26/2007	98818.9	505	555,720
4/27/2007		505	555,720
4/28/2007		505	555,720
4/29/2007	100334.5	2093	2,302,300
4/30/2007		2093	2,302,300

Total Flow (cuft)	45,967,863
Average Daily Flow (cuft)	1,532,262
Min Daily Flow (cuft)	555,720
Max Daily Flow (cuft)	2,302,300

**due to error in logging flow meter recordings, flows are estimated*

Table -2
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - PUMP STATION D1 TO STP FORCE MAIN

Date	Totalizer	difference	Flow (GPD)
4/1/2007		134	13,400
4/2/2007	104,301	0	0
4/3/2007	104,301	0	31,974
4/4/2007	104,301	0	31,974
4/5/2007	104,301	0	21,199
4/6/2007	104,301	0	21,199
4/7/2007		0	21,199
4/8/2007		0	21,199
4/9/2007	104,301	0	21,199
4/10/2007	104,301	145	14,500
4/11/2007	104,446	134	13,400
4/12/2007	104,580	60	6,000
4/13/2007	104,640	708	70,767
4/14/2007		708	70,800
4/15/2007		708	70,800
4/16/2007	106,763	418	41,800
4/17/2007	107,181	718	71,800
4/18/2007	107,899	752	75,200
4/19/2007	108,651	450	45,000
4/20/2007	109,101	267	26,667
4/21/2007		267	26,700
4/22/2007		267	26,700
4/23/2007	109,901	0	0
4/24/2007	109,901	6	600
4/25/2007	109,907	8	800
4/26/2007	109,915	1000	100,000
4/27/2007	110,915	443	44,333
4/28/2007		443	44,300
4/29/2007		443	44,300
4/30/2007	112,245	0	0

Total Flow (Gallons)	977,810
Average Daily Flow (GPD)	32,594
Min Daily Flow (GPD)	0
Max Daily Flow (GPD)	100,000

LFG-2
MONTHLY MONITORING
LANDFILLL GAS MANAGEMENT SYSTEM
PELHAM BAY LANFDFILL
REFERENCE VOLUME III SECTION 5

Inspector: Kevin Bruce **Date: 4/20/07**

Location	Concentration by % Volume			Temp (^{0}F)	Static Pressure	Pressure Differential	Remarks
	Methane	CO_2	Oxygen				
Flare Inlet	37.1	27.3	0.5	98	-1.7	+1.82	
Well Head No. 1	19.5	14.2	6.3	68	-0.4	+0.48	Wells off
Well Head No. 2	17.9	15.7	0.0	80	-0.9	+0.60	
Well Head No. 3	13.6	19.1	0.0	78	-1.1	+0.96	
Well Head No. 4	68.1	31.8	0.0	68	-0.6	+0.55	
Well Head No. 5	63.3	39.5	0.6	112	-1.3	+0.93	
Well Head No. 6	28.2	18.4	0.8	79	-1.1	+0.91	
Well Head No. 7	27.7	17.5	6.7	62	-0.6	+0.52	Wells off
Well Head No. 8	56.3	30.8	1.1	91	-1.7	+1.84	
Well Head No. 9	43.7	26.1	1.0	101	-2.2	+1.98	
Well Head No. 10	20.4	19.6	1.4	76	-2.3	+2.88	
Well Head No. 11	12.3	9.1	9.6	71	-0.4	+0.82	Wells off
Well Head No. 12	33.8	22.8	1.0	89	-1.4	+1.36	
Well Head No. 13	27.9	23.6	0.4	86	-2.1	+2.22	
Well Head No. 14	21.1	17.5	1.5	78	-1.4	+1.29	
Well Head No. 15	65.2	39.1	0.9	121	-1.1	+1.10	
Well Head No. 16	0.5	0.0	20.5	70	-0.0	+0.25	Wells off
Well Head No. 17	56.1	35.5	0.5	119	-1.3	+1.45	
Well Head No. 18	31.2	21.0	0.3	72	-0.9	+0.85	
Well Head No. 19	22.6	17.3	0.9	72	-0.4	+0.44	
Well Head No. 20	39.4	22.6	0.0	99	-0.8	+0.89	
Well Head No. 21	38.2	25.7	0.7	77	-1.3	+1.32	
Well Head No. 22	26.4	18.1	2.7	70	-0.2	+0.20	

Appendix B

Inspection Forms for April 2007

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	OK	OK	OK	OK	OK	OK	OK	OK
2	Vegetative Growth	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Vector Penetration	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Erosion	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Slope Stability	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Seepage	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Vandalism	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

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

Date April 3 ,2007 KMB

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

DATE: 4/10/07 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	OK	OK	OK	OK	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	OK	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	Low	Low	Low	Low	Dry	Low	Low	Low	Low	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	OK	OK	OK	OK	OK	-
2	Silt Accumulation	Slight	Heavy	Mod.	-	OK	OK	OK	Slight	OK	-	-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	Slight	OK	-
4	Pipe Connections	OK	OK	OK	-	OK	OK	OK	OK	OK	-	-
5	Settlement Along Curtain Drain	OK	OK	OK	-	OK	OK	OK	OK	OK	OK	-
6	Flow into manhole or sump	Low	Low	Low	-	Low	Low	Dry	Low	Low	Low	-

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
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

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

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-2	DS-1	Hinge on Hatch cover broken	Repair or replace hinge
	LS-2	Heavy Accumulated Silt	Schedule Clean out with Vacuum truck.
	D-5	Heavy Accumulated Silt	Schedule Clean out with Vacuum truck.
	DS-1	Moderate Silt accumulation	Continue to monitor and have cleaned out when Vacuum truck is onsite.

DATE: 4/10/07

INSPECTED BY: KMB

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	**NS**	
2	Depressions/Settlement	**OK**	
3	Washout	**OK**	
4	Pavement Condition	**OK**	
5	Reflectors	**N/S**	
Road A			
1	Rutting	**OK**	
2	Depressions/Settlement	**OK**	
3	Washout	**OK**	
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	**OK**	
4	Pavement Condition	**NS**	
5	Reflectors	**N/S**	
Road C			
1	Rutting	**OK**	
2	Depressions/Settlement	**OK**	
3	Washout	**OK**	
4	Pavement Condition	**OK**	
5	Reflectors	**N/S**	
Perimeter Fence, Gates, Locks		**NS**	
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: 4/3/07 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	rutting starting along the road way	Ruts are repaired on a continual basis as they develop.
	Road B2	Rutting in several areas of the road, pavement condition	Ruts are repaired on a continual basis as they develop. Pavement condition identified on AS-1 form related to general condition of roadway (i.e Rutting)
	All roads	All reflectors on the roadway turns have previously been straightened out. Site personnel to determine if additional reflectors are required	Replace missing reflectors after determining specification and quantity.
	Perimeter Fence	Holes in perimeter fence near LS-2	Repairs have in the past been performed by others under a separate NYCDEP contract

DATE: 4-3-07 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 Title	Zone Number													
		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						
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK						
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK						
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK						
5	Sinkholes	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	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 B - Road B[2]								OK						
	Drainage Ditch, Road B[2]														
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 B[2] - Road C								OK						
	Drainage Ditch, Road C														
1	Overgrown Vegetation	NS								NS	NS	NS	NS	NS	NS
2	Standing Water	OK								OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK								OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK								OK	OK	OK	OK	OK	OK
5	Sinkholes	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: 4-10-07 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	1-5 9-12	Over grown vegetation in swales	Vegetation will be mowed during the landfill cover mowing
road B	1-6	Over grown vegetation in all swales	Vegetation will be mowed during the landfill cover mowing
	9-12	Over grown vegetation in all swales	Vegetation will be mowed during the landfill cover mowing
road B2	1-14	Over grown vegetation in all swales	Vegetation will be mowed during the landfill cover mowing
road C	1 & 9-14	Over grown vegetation in all swales	Vegetation will be mowed during the landfill cover mowing

DATE:4/10/07 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	Ok	OK	OK
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	OK	OK
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: 4-10-07 Initials: KMB

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	OK
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	OK
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	OK
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	OK
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	OK	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: 4-10-07 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 vegetation in Pond	Pond cleanouts projected for fall 2007.
	Pond B	Silt and vegetation in Pond	
	Pond C	Silt and vegetation in Pond	

DATE: 4/10/07

INITIALS: KB

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

	Date	4/3/2007	4/5/2007
	Time	7:00am	7:00am
	Technician	KMB	KMB
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F		
F. Discharge Temperature-Degree F	Degree F		
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On		
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour Meter Blower 1 (Zero=)	Blower 1 Min Reading		
Blower 2 (Zero=)	Blower 2 Min Reading	74617.1	77176.1
D. Blower 1 or Blower 2 Running Light	Off / On	2 on	2 on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	run	run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	off	off
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator Light	Off / On	no	no
R. High Flare Temperature, Red Indicator Light	Off / On	no	no
S. Flare Failure, Red Indicator Light	Off / On	no	no
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	1% open	1% open
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/100	30/100
C. Inlet Valve Position	Percent open	20%	20%
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	130/400	130/400
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date		4/3/2007	4/5/2007

Comments _____

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

	Date	4/10/2007	4/13/2007
	Time	7:00am	7:00am
	Techncian	KMB	KMB
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F		
F. Discharge Temperature-Degree F	Degree F		
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On		
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour Meter Blower 1 (Zero=)	Blower 1 Min Reading		
Blower 2 (Zero=)	Blower 2 Min Reading	79916.9	81042.5
D. Blower 1 or Blower 2 Running Light	Off / On	2 on	2 on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	run	run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	off	off
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator Light	Off / On	no	no
R. High Flare Temperature, Red Indicator Light	Off / On	no	no
S. Flare Failure, Red Indicator Light	Off / On	no	no
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	1% open	1% open
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/100	30/100
C. Inlet Valve Position	Percent open	20%	20%
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	135/200	135/200
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date		4/10/2007	4/13/2007

Comments _____

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

	Date	4/17/2007	4/20/2007
	Time	7:00am	7:00am
	Techncian	KMB	KMB
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F		
F. Discharge Temperature-Degree F	Degree F		
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On		
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour Meter Blower 1 (Zero=)	Blower 1 Min Reading		
Blower 2 (Zero=)	Blower 2 Min Reading	83825.9	84147.3
D. Blower 1 or Blower 2 Running Light	Off / On	2 on	2 on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	run	run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	off	off
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator Light	Off / On	no	no
R. High Flare Temperature, Red Indicator Light	Off / On	no	no
S. Flare Failure, Red Indicator Light	Off / On	no	no
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	1% open	1% open
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/100	30/100
C. Inlet Valve Position	Percent open	20%	20%
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	130/200	120/2200
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date		4/17/2007	4/20/2007

Comments _____

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

	Date	4/23/2007	4/27/2007
	Time	7:00am	7:00am
	Techncian	KMB	KMB
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F		
F. Discharge Temperature-Degree F	Degree F		
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On		
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour Meter Blower 1 (Zero=)	Blower 1 Min Reading		
Blower 2 (Zero=)	Blower 2 Min Reading	89903.6	94044.6
D. Blower 1 or Blower 2 Running Light	Off / On	2 on	2 on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	run	run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	off	off
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator Light	Off / On	no	no
R. High Flare Temperature, Red Indicator Light	Off / On	no	no
S. Flare Failure, Red Indicator Light	Off / On	no	no
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	1% open	1% open
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/100	30/100
C. Inlet Valve Position	Percent open	20%	20%
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/2100	110/2100
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date		4/23/2007	4/27/2007

Comments _____

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

Date: 4/3/2007 Initials KMB

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	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** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]
D. Liquid Level in Sump	**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 18358.4		P-1 36222.8		P-1 64704.7	
	P-2 21509.4		P-2 22889		P-2 53373.8	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 104,301 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	6648.8	[ ]	[ ]	[ ]
P-2	4112.9	[ ]	[ ]	[ ]

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	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	8976.5	[ ]	[ ]	[ ]
P-2	2614.1	[ ]	[ ]	[ ]

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	[*] No
B. Is sump pump operating	[ ] Yes	[x] No

* Decontamination trailer has been removed from site

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	53614.3	[ ]	[ ]	[ ]
P-2	22781.0	[ ]	[ ]	[ ]

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	[ ] 18133.5	[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	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] 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	[ ] Yes	[X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] 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: 4/5/2007 Initials KMB

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	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** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]
D. Liquid Level in Sump	**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 18373.0 P-2 21512.7		Pumps ETM P-1 36263.6 P-2 22947		Pumps ETM P-1 64777 P-2 53373.8	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 104,301 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	6656.6	[ ]	[ ]	[ ]
P-2	4113.2	[ ]	[ ]	[ ]

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	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9026.2	[ ]	[ ]	[ ]
P-2	2614.1	[ ]	[ ]	[ ]

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	[*] No
B. Is sump pump operating	[ ] Yes	[x] No

* Decontamination trailer has been removed from site

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	53636.2	[ ]	[ ]	[ ]
P-2	22781.0	[ ]	[ ]	[ ]

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	[ ] 18133.5	[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	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] 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	[ ] Yes	[X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] 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: 4/10/2007 Initials KMB

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	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** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]
D. Liquid Level in Sump	**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 18397.2 P-2 21512.7		Pumps ETM P-1 36361.1 P-2 23083.4		Pumps ETM P-1 64955.2 P-2 53373.8	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 104,301 x 100 =

$. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	6728.7	☐	☐	☐
P-2	4113.2	☐	☐	☐

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9147.7	☐	☐	☐
P-2	2614.1	☐	☐	☐

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

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	☐ Yes	☒ * No
B. Is sump pump operating	☐ Yes	☒ x No

* Decontamination trailer has been removed from site

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	53638.4	[ ]	[ ]	[ ]
P-2	22781.0	[ ]	[ ]	[ ]

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 [ ] 18133.5 [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 [X] Low [ ] High [ ] Other

E. Is there any leak in the storage tanks and manifold discharge piping [ ] Yes [X] No

G. Check if a pump is out of service [ ] Pump 1 [ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on [ ] Yes [X] No
B. Activated carbon canisters operating (On Line) [X] Yes [ ] 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 [ ] Yes [X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole [ ] Yes [X] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] 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: 4/13/2007 Initials KMB

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	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** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]
D. Liquid Level in Sump	**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 18425.8 P-2 21530.7		Pumps ETM P-1 36421.6 P-2 23137.7		Pumps ETM P-1 65075.6 P-2 53373.8	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 104,640 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	6775.0	[ ]	[ ]	[ ]
P-2	4113.2	[ ]	[ ]	[ ]

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	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9220.6	[ ]	[ ]	[ ]
P-2	2614.1	[ ]	[ ]	[ ]

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	[*] No
B. Is sump pump operating	[ ] Yes	[x] No

* Decontamination trailer has been removed from site

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	53684.9	[ ]	[ ]	[ ]
P-2	22781.0	[ ]	[ ]	[ ]

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	[ ] 18133.5	[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	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] 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	[ ] Yes	[X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] 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: 4/17/2007 Initials KMB

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	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** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]
D. Liquid Level in Sump	**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 18478.6		P-1 36563.1		P-1 65773.8	
	P-2 21562.8		P-2 23264.1		P-2 53373.8	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 107,181 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	6793.0	[ ]	[ ]	[ ]
P-2	4129.4	[ ]	[ ]	[ ]

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	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9328.2	[ ]	[ ]	[ ]
P-2	2614.1	[ ]	[ ]	[ ]

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	[*] No
B. Is sump pump operating	[ ] Yes	[x] No

* Decontamination trailer has been removed from site

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	53966.6	[ ]	[ ]	[ ]
P-2	22781.0	[ ]	[ ]	[ ]

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 [ ] 18133.5 [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 [X] Low [ ] High [ ] Other

E. Is there any leak in the storage tanks and manifold discharge piping [ ] Yes [X] No

G. Check if a pump is out of service [ ] Pump 1 [ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on [ ] Yes [X] No
B. Activated carbon canisters operating (On Line) [X] Yes [ ] 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 [ ] Yes [X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole [ ] Yes [X] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] 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: 4/20/2007 Initials KMB

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	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** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]
D. Liquid Level in Sump	**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 18519.4 P-2 21578.4		Pumps ETM P-1 36602.9 P-2 23293.2		Pumps ETM P-1 65923.6 P-2 53373.8	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 109,101 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	6814.4	[ ]	[ ]	[ ]
P-2	4135.2	[ ]	[ ]	[ ]

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	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9380.6	[ ]	[ ]	[ ]
P-2	2614.1	[ ]	[ ]	[ ]

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	[*] No
B. Is sump pump operating	[ ] Yes	[x] No

* Decontamination trailer has been removed from site

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	53968.4	[ ]	[ ]	[ ]
P-2	22784.2	[ ]	[ ]	[ ]

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 [ ] 18133.5 [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 [X] Low [ ] High [ ] Other

E. Is there any leak in the storage tanks and manifold discharge piping [ ] Yes [X] No

G. Check if a pump is out of service [ ] Pump 1 [ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on [ ] Yes [X] No
B. Activated carbon canisters operating (On Line) [X] Yes [ ] 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 [ ] Yes [X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole [ ] Yes [X] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] 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: 4/23/2007 Initials KMB

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	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** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]
D. Liquid Level in Sump	**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 18540.1 P-2 21578.4		Pumps ETM P-1 36672.3 P-2 23344.2		Pumps ETM P-1 66098.1 P-2 53373.8	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 109,877 x 100 =

$. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	6830.1	☐	☐	☐
P-2	4135.2	☐	☐	☐

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9489.6	☐	☐	☐
P-2	2614.1	☐	☐	☐

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

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	☐ Yes	☒ * No
B. Is sump pump operating	☐ Yes	☒ x No

* Decontamination trailer has been removed from site

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	53968.4	[ ]	[ ]	[ ]
P-2	22784.2	[ ]	[ ]	[ ]

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 [ ] 18133.5 [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 [X] Low [ ] High [ ] Other

E. Is there any leak in the storage tanks and manifold discharge piping [ ] Yes [X] No

G. Check if a pump is out of service [ ] Pump 1 [ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on [ ] Yes [X] No
B. Activated carbon canisters operating (On Line) [X] Yes [ ] 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 [ ] Yes [X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole [ ] Yes [X] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] 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: 4/27/2007 Initials KMB

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	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** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]
D. Liquid Level in Sump	**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 18560.1 P-2 21578.4		Pumps ETM P-1 36722.3 P-2 23381.8		Pumps ETM P-1 66208.2 P-2 53373.8	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 110,915 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	6846.0	[ ]	[ ]	[ ]
P-2	4136.7	[ ]	[ ]	[ ]

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	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9545.7	[ ]	[ ]	[ ]
P-2	2614.1	[ ]	[ ]	[ ]

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	[*] No
B. Is sump pump operating	[ ] Yes	[x] No

* Decontamination trailer has been removed from site

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	54005.6	[ ]	[ ]	[ ]
P-2	22784.2	[ ]	[ ]	[ ]

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	[ ] 18133.5	[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	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] 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	[ ] Yes	[X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

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

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

Appendix C

Copy of Log Book April 2007

4/3/07
made rounds
took flow reading
did biweekly inspection
Ravi and I cut out the fabric cloth in the road and Raked all the dirt smooth

4/4/07
made rounds
took flow reading
flares running
rained all day

4/5/07
made rounds
took flow reading
tanks are about half full
Adjusted flow from tanks to D-1
did biweekly inspection
~~[redacted]~~

~~[redacted]~~

4/9/07
made rounds
took flow reading
turned off Decon pumps & LS-1 pump due to heavy rain on sunday
Road C into B2 has a new wash out due to rain storm

4/10/07
made rounds
did biweekly ~~[redacted]~~ inspection
restarted flare
took flow reading

4/11/07
made rounds
took flow reading
tank levels are about half full
flares running well
roads have dried up from heavy rain
on sunday and early monday

4/12/07
made rounds
took flow reading
tanks levels are about 1/4 full
flares running well
call Pete M to ~~schedule~~ fix D-1 flow me

4/13/07
made rounds
took flow reading
did bi weekly inspection
flares running well

4/16/07
made rounds
took flow reading
rained all day
flares running well

4/17/07
made rounds
took flow reading
did bi weekly inspection
flares running well
took delivery of new nitrogen tank for the flar
Raha on site with Dep inspectors for Dye test
on D-1

4/18/07
made rounds
took flow reading
Aerie from Arcadis on site.
Roho on site
Delta Group on site
Rob from Arcadis on site

4/19/07
made rounds
took flow reading
Rob from arcadis on site with Delta Group
to the M.W.'s

4/20/07
made rounds
took flow reading
did b. weekly inspection
flares running
Rob from Arcadis on site with Delta Group

4/23/07
made rounds
took flow reading
[redacted] worked with Rob from Arcadis
on M.W.'s
flares running well

4/24/07
made rounds
took flow reading
did bi-weekly inspection
flares running well

4/25/07
made rounds
took flow reading
flares running well
finished working with Rob and the Delta group

4/26/07
made rounds
took flow
flares running well
started to rain around 9:00am

4/27/07
made rounds
took flow reading
did bi weekly inspection
flares running well

4/30/07
made rounds
took flow reading
flares ~~B~~ running well
Rob on site with Mike from Delta group to video all the wells

5/1/07
made rounds
took flow reading
did bi weekly inspection
flares running well
mowed by D-1 area