

**2011 Annual Site Management Report
Pelham Bay Landfill Post-Closure
Operation, Maintenance and Monitoring
Program**

NYSDEC ID Number: 203001

Parcel Block: 4335 Lot: 1

Prepared by:
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March 2012

ANNUAL SITE MANAGEMENT REPORT SUBMITTAL

Name of Facility: Pelham Bay Landfill
301 Shore Road
Bronx, NY 10465

Owner: New York City Department of Environmental
Protection
Bureau of Wastewater Treatment
96-05 Horace Harding Expressway, 2nd Floor
Corona, NY 11368

Facility Operator: Stratis Contracting Corp.
7 Corporate Drive
Peekskill, NY 10566

Management Approval:

The data contained in this Annual Site Management Report has been reviewed by the undersigned for content and accuracy.

Signature: Paul Jeris, President

Name: Paul Jeris

Title: President

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The Pelham Bay Landfill (PBL) is an inactive 91-acre municipal waste landfill located in the Bronx, New York (see figure1). The site is bordered by the Hutchinson River to the north and east, the Eastchester Bay to the east and south, the Pelham Bay Park to the southwest and Bruckner Boulevard Extension to the northwest. The landfill has an elevation of 131

According to records, typical wastes received at the site included: residential wastes, rubbish, street dirt, and construction debris. The facility is currently operated, maintained and monitored by Stratis Contracting Corp. (SCC). SCC is required to perform day-to-day operations and system monitoring including routine inspection of the



leachate and gas collection systems, inspection of the storm water management system and landfill cover system, periodic sampling of groundwater, leachate, storm water and gas condensate from various locations within the landfill. SCC performs maintenance to the above noted systems on an as-needed basis. This report summarizes the site activities and the results from the monitoring performed from January 2011 through December 2011.

II. SUMMARY OF ENGINEERING CONTROL (EC) SYSTEMS

Provided below is an overview of the engineering controls and a performance summary for each component. During 2011, the Pelham Bay Landfill remedial systems were generally operated, monitored and maintained in accordance with the Site Management Plan (SMP) dated September 30, 2009. A detailed site map is provided for reference (Figure 2) at the end of this report.

a. Groundwater/Leachate Collection System

Description - Leachate Collection System

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. The leachate capture system is designed to work by hydraulic gradient and includes a slurry wall that runs along the southwest property boundary of the landfill. The slurry wall is designed to intercept both groundwater (on the up-gradient side) and prevent it from entering the landfill site, as well as intercept leachate (on the down-gradient side) and prevent it from migrating off the landfill site. A collection trench located inside the slurry wall diverts any captured leachate to the on-site D-1 Pump Station which pumps to the NYCDEP Hunts Point WPCP. Leachate is also collected by a combination of collection manholes and collection sumps, curtain drain, lift stations, and storage tanks. Collected leachate is stored in the holding tanks and drained to Pump Station D-1 which pumps through a force main to the Hunts Point WPCP. The pumps in station D-1 are controlled by level float switches. Total flow is calculated based on recorded flow totalizer readings from the force main flow meter. See Figure 3 for a schematic drawing of the Leachate Collection System.

During heavy rains which may result in a combined sewer overflow (CSO) event, the leachate can be temporarily stored in the on-site storage tanks. At the end of the CSO event, the leachate collection and discharge system resumes normal operation. There are (5) five, twenty thousand gallon storage tanks which may be used for this purpose. The storage tanks are equipped with a truck filling station to allow for removal of leachate by tanker truck should the need arise.

Operational Performance – Leachate Collection System

During this reporting period the leachate collection system performed as per design intent. The leachate collected by the various pump and lift stations and collection trenches was successfully transferred to the on-site storage tanks and pumped to the Hunts Point WPCP via pump station D-1.

During CSO events SCC observed the proper operation of the automatic valve and associated controls. During CSO events leachate was stored in the on-site storage tanks. When CSO conditions subsided the automatic valve opened and stored leachate was transferred to D-1 and pumped to Hunts Point WPCP.

The collection system consists of both gravity and pumped wet wells and trenches. Pump operation is controlled by pre-set float level switches in the wet

wells that activate the pumps to turn on and off. The groundwater/leachate system operated continuously during this reporting period.

Table 1, Leachate Flow Summary, provides a summary of the volume of leachate pumped to the force main. A graphical representation of the monthly average leachate flow is presented below in Figure 4. The daily leachate flow readings can be found in Appendix A of this report.

Table 1
Leachate Flow Summary

Month	Gallons Per Day			
	Minimum	Maximum	Avg.	Total
January	13,800	92,500	28,123	871,800
February	23,600	86,100	47,782	1,337,900
March	23,676	107,000	63,051	1,954,575
April	13,500	93,200	45,143	1,354,300
May	19,500	77,400	33,355	1,034,000
June	6,218	32,100	20,250	607,500
July	7,500	25,000	15,326	475,100
August	0	81,200	33,038	958,100
September	16,600	82,700	41,767	1,252,997
October	25,300	64,251	45,793	1,419,583
November	20,267	59,900	32,830	984,900
December	22,700	116,700	37,524	1,163,250

The total volume of leachate discharged to the Hunts Point WPCP during 2011 was 13,414,005 gallons. The 2011 data is consistent with data from previous years which show higher monthly volume in the early spring, lower volume during the summer but does not conform with the expected overall downward trend in average daily volume (see Figure 4A below). The increase in flow recorded in early spring corresponds to the frequent and heavy rain during that period. However, since the landfill is capped, there should not be a correlation between precipitation and leachate discharge. One possibility for this correlation, since there is no evidence that the cover is breached, is that some of the leachate collection drains and trenches are capturing precipitation as it recharges around the perimeter of the landfill.

Figure 4
2011 Monthly Average Daily Leachate Flow

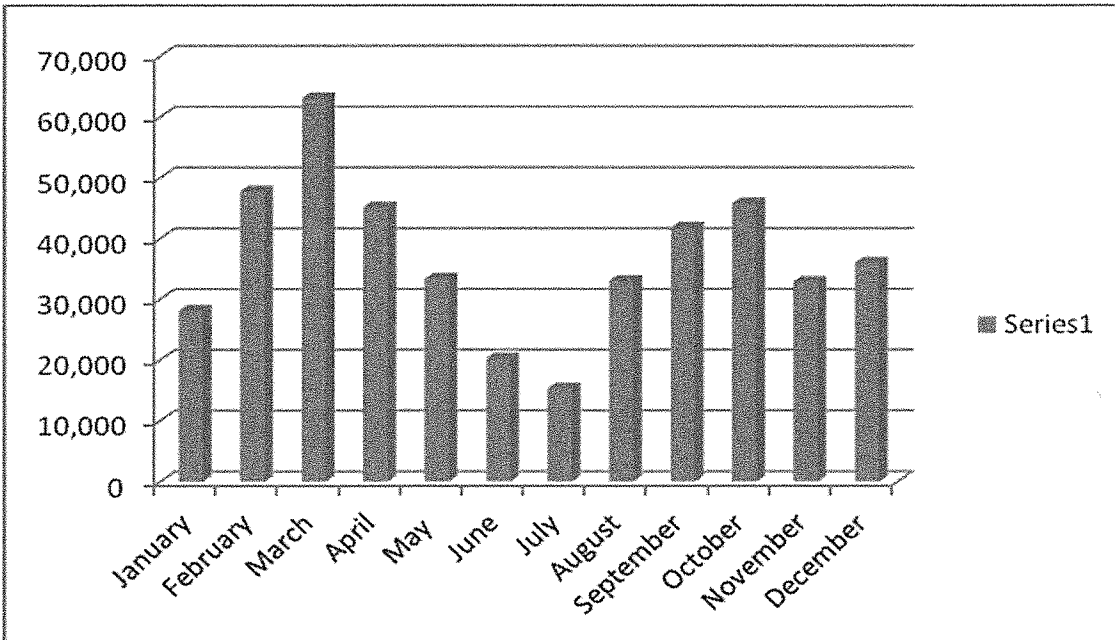
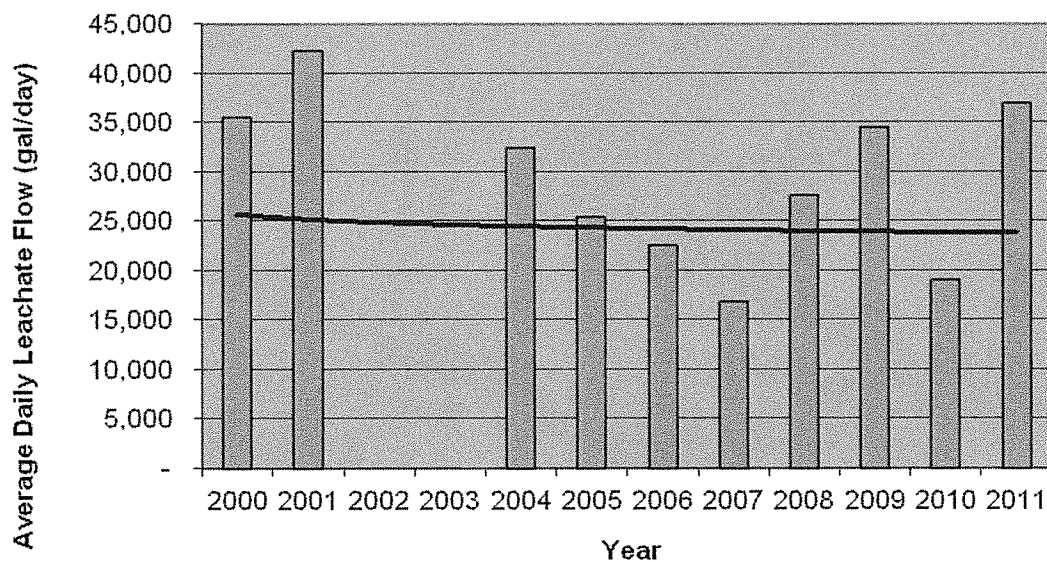


Figure 4A
Yearly Average Daily Leachate Flow
Pelham Bay Landfill, Bronx, NY



Notes.

1. Averages are computed from available flow data over the calendar year (January through December)
2. 2002 and 2003 accurate flow data is unavailable

Description – Groundwater Collection System

Groundwater is prevented from entering and exiting the southern boundary of the site via a vertical barrier cut-off wall (slurry wall). This 1,276 foot long trench was excavated to bedrock and backfilled with a bentonite slurry which acts as a barrier to groundwater flow. A collection trench runs parallel to the slurry wall along the southwest property boundary and collects any groundwater flow on the up-gradient side of the slurry wall and prevents it from entering the landfill site. Groundwater elevations obtained from on-site and off-site groundwater monitoring wells and piezometers are used to monitor this system.

Operational Performance – Groundwater Collection System

The groundwater elevation measurements obtained by SCC personnel were recorded before each groundwater sampling event. A summary of the groundwater elevation measurements is provided in Table 4. A review of the data during this monitoring period indicates that the collection trench is working as designed.

b. Landfill Gas Management System

Description – Landfill Gas Management System

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 shutdown 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.

Operational Performance – Landfill Gas Management System

The landfill gas flare is designed to run continuously. However, due to low methane concentrations and slightly elevated oxygen concentrations measured at the flare, the DEP made the decision to operate the flare only during normal business hours (7am -3:30 pm Monday through Friday) beginning in February 2010. Pulsed operation is consistent with guidance provided in the SMP. Additional readings were taken at the flare on a daily basis and reported to NYCDEP and the Stratis Contracting project manager. Since this “pulse

operation” began, there has been an increase in the methane concentrations and a decrease in the oxygen concentrations measured at the flare inlet header.

Beginning in November 2011, Stratis began to occasionally run the flare overnight if methane concentrations were above 40% by volume. See Tables 2 and 3 and Figure 5 for gas flow readings during the reporting period. The monitoring results indicate that the system maintained a negative pressure beneath the cap throughout 2011 and operated as designed.

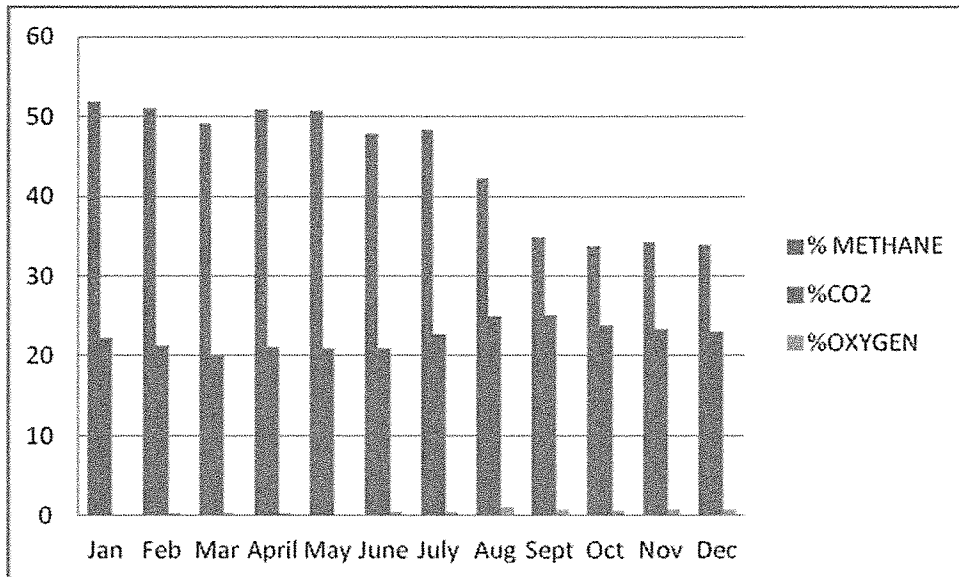
Table 2
Total Landfill Gas Flows

DATE	Total Flow	Avg. Daily Flow
	(SCF)	(SCF/day)
Jan	8,561,100	450,584
Feb	11,454,100	602,847
Mar	12,097,300	525,970
April	7,553,700	503,580
May	10,527,800	501,324
June	15,273,800	694,264
July	27,914,838	1,329,278
Aug	35,410,200	1,142,265
Sept	18,615,200	620,507
Oct	9,114,000	294,000
Nov	16,715,900	576,410
Dec	18,331,200	591,329
TOTAL	191,569,138	

TABLE 3
Average Landfill Gas Concentrations

2011					
DATE	CONCENTRATION % BY VOLUME			TEMP (°F)	PRESS. HEAD (in. WC)
	Methane	CO₂	Oxygen		
1/11	51.8	22.2	0.2	72	0.9
2/11	51.1	21.3	0.3	74	1.0
3/11	49.1	20.2	0.3	83	1.3
4/11	50.9	21.1	0.3	90	1.4
5/11	50.7	20.9	0.1	100	2.0
6/11	47.9	21.0	0.5	109	2.6
7/11	48.4	22.7	0.4	115	2.4
8/11	42.2	24.9	1.1	117	2.4
9/11	34.8	25.1	0.8	110	1.7
10/11	33.7	23.9	0.6	101	1.8
11/11	34.2	23.3	0.7	96	1.7
12/11	33.9	23.1	0.7	87	1.3
Average:	44.1	22.5	0.5	96	1.7
Maximum:	51.8	25.1	1.1	117	2.6
Minimum:	33.7	20.2	0.1	72	0.9

FIGURE 5
2011 Average Landfill Gas Concentrations
Measured at Flare Inlet



Installation of four new gas extraction wells was completed in June 2011 by Moretrench USA, a subcontractor hired by Stratis Contracting. The new wells were installed in accordance with the Corrective Measures Work Plan dated March 2011 which was approved by NYSDEC. New 8-inch diameter wells were drilled over the existing wells EW-4, EW-7, EW-9 and EW-15 to depths of approximately 100 ft. below the landfill surface at the groundwater interface. A detailed summary of these corrective measures are documented in the previously submitted Corrective Measures Report for Landfill Gas System Maintenance (Arcadis 2011).

Following completion of the new wells, condensate began to accumulate in the horizontal gas transmission piping near EW-4 and EW-7. In September 2011, SCC hired a vacuum truck service to remove condensate from the transmission piping. Vacuuming of condensate from the transmission piping is permitted by the SMP and condensate removal is part of the normal site maintenance. Approximately 100 gallons of condensate were removed and the gas flow from these wells resumed. Condensate accumulation was observed again after several days. A Work Plan to address this routine maintenance issue has been developed and will be implemented in January 2012. Details of the Work Plan are provided in the Maintenance and Repairs section of this report.

c. Storm Water Management System

Description – Storm Water Management System

Storm water runoff from the landfill surface is diverted through a series of swales, baffled outlets and drainage pipe and directed to one of three sedimentation ponds located around the landfill site. The ponds are connected in series, and are designed so that gravity flow empties one pond into the next via underground pipe. Effluent from the third sedimentation pond flows by gravity to an outfall located on the northeast side of the landfill.

Operational Performance – Storm Water Management System

SCC performs routine inspections of the Storm Water Management System. There are contract allowance items to address maintenance issues if required. During this reporting period, the Storm Water Management System functioned as designed.

Ponds A, B and C were cleaned out during the summer of 2011. Several inches of sediment and vegetation had accumulated at the bottom of each pond. Excavated material was stockpiled neatly on the north side of Pond C.

DEP authorized swale cleaning for the gravel lined swales on the lower road and on the top portion of the landfill. This cleaning was needed to ensure proper flow of stormwater and to prevent overflow onto the roads which could lead to dangerous conditions in the winter months. Overflow onto the side slopes could lead to erosion of the cover system. Gravel was added to approximately 1,180 Ft of swale on the upper portion of the landfill.

Frequent maintenance is required in the swales and baffled outlets to remove vegetation and debris. The vegetation in the swales is due to the fast growing invasive species which is predominantly phragmites. This vegetation has to be cut frequently to facilitate inspection and to maintain the proper flow of storm water. The debris from the mowing and cutting of the vegetation is an ongoing maintenance issue.

d. Landfill Cover & Auxiliary Systems

Description – Landfill Cover System

The Pelham Bay Landfill cover system is comprised of several layers (from top to bottom): a vegetative topsoil layer, loamy soil layer, geo-composite drainage layer, HDPE impermeable liner, gas venting layer and sub-base. There is a well established growth of meadow grasses on the top vegetative cover.

Unfortunately, there are fast growing invasive species that are expanding to areas once covered by meadow grasses.

Operational Performance – Landfill Cover System

Selective mowing was performed in August to remove invasive plant species such as phragmites and mugwort. Approximately 29 acres were mowed, which is approximately 1/3 of the site and is consistent with the SMP. Evidence of vector penetration in the cover is scarce and limited to the vegetation islands

where there is more topsoil above the liner. There were previously identified erosion rills found in sections 1,5,6,7,8 and 9. The erosion rills are vegetated and appear to be old and stable. The corrective action is to monitor for signs of continued erosion. All inspections this period revealed no change to the existing rills with the exception of one rill in Section 8. The rill in section 8 appears to have freshly eroded sides and will be filled in and seeded in the spring of 2012. The landfill cover is functioning as designed. Stratis recommends that the mowing program follow the guidance provided in the SMP which states that 1/3 of the landfill should be mowed each year with the goal of full coverage over a period of three years. If additional mowing is required to control invasive species, it should be done in addition to the routine maintenance mowing.

Description – Roadways

The landfill roadways consist of an access road around the base perimeter of the landfill, leading to a road that continues to wind around the landfill ending at the top. The access roads have limited traffic, primarily SCC pickup trucks and security personnel cars.

Operational Performance - Roadways

Several factors affected the road condition during 2011; increase truck traffic from the extraction well replacement project, erosion from Hurricane Irene and other severe storms and displaced road material from snow plowing. As a result, the roads had developed ruts/potholes and had exposed fabric in many locations. See Section IV for a discussion of repairs completed in 2011. The site roads are currently in fair condition but will require continuing maintenance and repairs.

Description – Fencing

Security fences are located around the perimeter of the landfill, the MCC panel area, storage tank farm, and each of the gas extraction wells. Two 24-ft wide double leaf gates and one 12-ft wide single leaf gate are located near the main entrance to the facility. A fourth gate is located on Shore Road just south of the Sedimentation Pond C.

Operational Performance - Fencing

All security fences and gates are in good condition with the exception of the perimeter fence. Unauthorized trespassers routinely cut access holes through the fence primarily to gain access for fishing at the eastern side of the landfill. SCC makes repairs to the holes on a monthly basis and has installed bi-lingual no trespassing signs along the fence.

III. ENVIRONMENTAL MONITORING/ INSTITUTIONAL CONTROLS

a. Groundwater/Leachate Monitoring

During this reporting period, SCC performed the required monitoring on the groundwater and leachate systems. This included twice weekly GWL-1, monthly GWL-2, quarterly GWL-3 inspections, and semi annual sampling and analysis of groundwater, stormwater and leachate. Copies of the GWL inspection forms for the reporting period are included in Appendix C of this report. The analytical results are included in Appendix D and the data validation report is included in Appendix J of this report. Groundwater elevation data is provided below in Table 4.

Groundwater Monitoring

There are 15 groundwater monitoring wells located within the landfill boundary. Four groundwater monitoring wells and six piezometers are located off-site. Ten of the groundwater monitoring wells are sampled semi-annually and analyzed for parameters designated in Schedule A, which includes Volatile Organics, Semi Volatile Organics, Pesticides, and Inorganic parameters. Groundwater monitoring well sampling was performed in April and October 2011.

Groundwater elevation data was collected approximately halfway between the high and low tide.

The analytical results from the groundwater monitoring are attached in Appendix D. A site map of the monitoring well locations is provided in Figure 3. The results from the groundwater monitoring performed during this reporting period have been compared with the historical groundwater data collected from the Pelham Bay Landfill as summarized in the 5 year report and previous annual reports. In general, the results do not show any significant increases in concentrations or changes in groundwater quality from those contained in the 5 year report. Analytical results from this monitoring period do not indicate any additional monitoring or increases to the sampling plan are required.

TABLE 4
Groundwater Elevation Data

Note: NA = Data not available/not recorded

Well ID	Date	Depth to Water	Measuring Point Elevation	Groundwater Elevation
104	4/22/11	18.47	19.132	0.662
106	4/22/11	20.60	18.388	-2.212
109	4/22/11	16.57	23.952	7.382
110	4/22/11	20.18	20.013	-0.167
113	4/22/11	12.38	14.442	2.062
114	4/22/11	9.86	14.66	4.800
115	4/22/11	20.46	24.807	4.347
115b	4/22/11	21.06	24.876	3.816
117	4/22/11	5.70	8.077	2.377
118	4/22/11	Dry	19.113	DRY
119	4/22/11	23.86	20.421	-3.439
120	4/22/11	21.44	18.838	-2.602
120b	4/22/11	24.40	19.296	-5.104
122	4/22/11	21.62	17.575	-4.045
pz-a	4/22/11	5.98	11.951	5.917
pz-b	4/22/11	7.45	14.254	6.804
pz-c	4/22/11	5.34	11.374	6.034
pz-d	4/22/11	Dry	12.411	DRY
pz-e	4/22/11	6.43	9.545	3.115
pz-f	4/22/11	6.80	9.645	2.845
104	10/4/2011	18.3	19.132	0.832
106	10/4/2011	17.92	18.388	0.468
109	10/4/2011	16.7	23.952	7.252
110	10/4/2011	19.17	20.013	DRY
113	10/4/2011	12.21	14.442	2.232
114	10/4/2011	9.65	14.66	5.01
115	10/4/2011	19.96	24.807	4.847
115b	10/4/2011	20.61	24.876	4.266
117	10/4/2011	5.55	8.077	2.527
118	10/4/2011	19.75	19.113	-0.637
119	10/4/2011	21	20.421	-0.579
120	10/4/2011	28.9	18.838	-10.062
120b	10/4/2011	21.6	19.296	-2.304
122	10/4/2011	18.1	17.575	-0.525
pz-a	10/4/2011	6.14	11.951	5.811
pz-b	10/4/2011	7.57	14.254	6.684
pz-c	10/4/2011	5.08	11.374	6.294
pz-d	10/4/2011	6.1	12.411	6.311
pz-e	10/4/2011	6.08	9.545	3.465
pz-f	10/4/2011	6.47	9.645	3.175

Leachate Monitoring

Leachate quality is monitored semi-annually for Schedule A and Schedule B parameters. Samples are obtained from the D-1 Pump Station wet well. The Schedule B analysis includes conventional parameters and selected metals. Analytical results from the leachate monitoring are included in Appendix E of this report. Analytical results from this monitoring period do not indicate any additional monitoring or increases to the sampling plan are required.

b. Landfill Gas Monitoring

During this reporting period, SCC performed the required monitoring of the landfill gas system which included twice weekly LFG-1, monthly LFG-2, quarterly LFG-3 inspections and semi-annual surface gas inspections. Copies of these inspection forms are included in Appendix F of this report. See LFG-2 inspection forms in Appendix F for gas concentration readings taken at each extraction well. Additional rounds of readings were taken in the weeks following the installation of the new wells in an effort to rebalance the LFG System. Condensate accumulation in the horizontal gas transmission piping hindered the rebalancing effort.

The monitoring of the gas extraction wells and perimeter gas monitoring wells was performed using a Landtec GEM-2000 landfill gas meter. An FID meter was used to take surface gas readings.

TABLE 5
PERIMETER GAS MONITORING WELL READINGS
2011 SUMMARY

WELL ID #	DATE	TIME	CONCENTRATION % BY VOLUME			TEMP (°F)	VACUUM WELL HEAD (in. WC)	Barometric Pressure
			Methane	CO ₂	Oxygen			(in. Hg)
GMW-1	1/10/2011	10:02	0.00	6.80	13.10	34	-0.16	29.81
GMW-2	1/10/2011	10:24	0.00	0.70	20.20	33	-0.11	29.81
GMW-3	1/10/2011	10:53	0.00	0.81	20.10	31	-0.15	29.81
GMW-4	1/10/2011	9:31	0.00	0.74	20.40	31	-0.14	29.81
GMW-1	2/23/2011	13:29	0.00	0.30	20.80	61	-0.03	30.14
GMW-2	2/23/2011	12:51	0.00	0.10	20.20	63	-0.05	30.13
GMW-3	2/23/2011	12:35	0.00	4.80	14.90	58	-0.25	30.13
GMW-4	2/23/2011	11:51	0.00	0.70	20.90	54	-0.11	30.02
GMW-1	5/18/2011	9:05	0.00	0.22	19.90	66	-0.01	29.88
GMW-2	5/18/2011	8:37	0.00	1.55	18.14	67	-0.21	29.88
GMW-3	5/18/2011	8:13	0.00	4.12	15.02	64	-0.19	29.88
GMW-4	5/18/2011	7:46	0.00	1.04	18.53	58	-0.08	29.88
GMW-1	11/28/2011	13:06	0.00	0.80	19.40	71.0	-0.21	29.99
GMW-2	11/28/2011	12:40	0.00	0.20	20.50	70.0	-0.15	29.99
GMW-3	11/28/2011	12:22	0.00	8.50	10.40	70.0	-0.09	29.99
GMW-4	11/28/2011	11:59	0.00	0.20	20.20	70.0	-0.47	29.99

Table 6A
SURFACE GAS MONITORING
March 11, 2011

	TIME	TOTAL VOC (ppm)
SGM-1	15:58	0
SGM-2	16:12	0
SGM-3	15:15	0
SGM-4	14:45	0
SGM-5	15:34	0
SGM-6	14:36	0
SGM-7	14:57	0
SGM-8	15:25	0
SGM-9	14:30	0
SGM-10	14:50	0

Table 6B
SURFACE GAS MONITORING
September 21, 2011

	TIME	TOTAL VOC (ppm)
SGM-1	11:30	0
SGM-2	11:38	0
SGM-3	12:16	0
SGM-4	12:34	0
SGM-5	13:59	0
SGM-6	12:48	0
SGM-7	11:45	0
SGM-8	12:07	0
SGM-9	12:27	0
SGM-10	11:55	0

The methane concentrations in both the gas monitoring well and surface gas readings were recorded as 0.0 ppm of total VOC indicating the LFG collection and flaring system is meeting the overall objective of preventing off-site migration of landfill gas.

c. Storm Water Monitoring

During this reporting period, SCC performed the required monitoring of the Storm Water Management Systems. This included three monthly inspections SMS-1, SMS-2 and SMS-3; and semi-annual sampling of the storm water discharge from the landfill. Copies of the inspection forms are included in Appendix G. Storm water discharge from the sedimentation pond is sampled semi-annually and analyzed for Schedule A parameters. The analytical storm water data is included in Appendix H. Analytical results recorded in this reporting period do not indicate that any changes are needed to the current storm water monitoring plan. Analytical data from this monitoring period is consistent with historical sampling data. Analytical results from this monitoring period do not indicate any additional monitoring or increases to the sampling plan are required.

d. Landfill Cover & Auxiliary Systems Monitoring

During this reporting period, SCC performed the required monitoring of the landfill cover and auxiliary systems. This included monthly FCS-1 and AS-1 inspections. Copies of these inspection forms for the reporting period are included in Appendix I of this report.

SCC performs a routine monthly inspection of the cover system for evidence of erosion, settlement or other signs of compromise to the cover. The inspection consists of visual observations of the following: side slopes, vegetation, geosynthetic layer and soil components, and vandalism. Side slopes are observed for deficiencies such as surface cracks, settlement, erosion, sink holes, ponding or any other problems that could lead to unstable side slopes. The cover system is observed for any signs of sparse, stressed or undesirable vegetation and damage to the underlying geosynthetic layer.

Vegetation in non-mowed areas can reach several feet high especially during the growing season. A thorough inspection of the landfill cover system is hampered by the dense vegetation. An inspection of the mowed areas did not uncover any deficiencies. Based on the field cover inspections performed, the cover appears to be stable with well established vegetation.

Landfill Mowing

In accordance with the Site Management Plan, landfill mowing is performed under the direction of the DEP and only portions of the landfill cover are mowed each year. A total of 29 acres of the landfill cover was mowed in August 2011. DEP personnel were on-site to direct and monitor the mowing operation.

e. Gas Condensate Monitoring

Gas condensate is generated at the landfill gas flare during the gas extraction process. The condensate flows by gravity via a 2-inch diameter underground pipe from the landfill gas flare to the D-2 manhole. The condensate combines with the D-2 flow and continues by gravity to the D-1 Pump Station where it is pumped to the Hunts Point WPCP.

Gas condensate sampling is not a requirement as per the Site Management Plan unless directly requested by DEP. During this monitoring period gas condensate samples were not collected.

Normally, very small volumes of condensate are generated by the system. During extended periods of heavy rain, it has been observed that a substantial amount of condensate is generated which may indicate that storm water and/or groundwater is entering the LFG collection system. Condensate is either not draining fast enough or groundwater/stormwater is flowing in the reverse direction from manhole D-2 and forcing its way up into the above ground flare pipe and into the blowers. This situation, if not monitored and controlled, could cause serious damage to the blowers and put stress on the above ground piping. The landfill technician must be aware of the water level in D-2 and monitor the flare station for signs of condensate and shut down the flare if necessary. Another possible explanation could be pulsed operation, which is known to contribute to condensate production. The presence of condensate is an expected condition and requires monitoring and timely maintenance to facilitate system operation.

As reviewed earlier, condensate has accumulated in the horizontal gas transmission pipes. A Work Plan to address this issue has been developed and will be implemented in January 2012. The Work Plan is discussed further in the Maintenance and Repairs Section of this report.

f. Permits

NYC Fire Department LFG Flare Operation Permit

Currently DEP is operating the LFG flare on an interim permit from FDNY. Specific improvements to the LFG system are needed to comply with current FDNY regulations. During 2011 the DEP's subcontractor, Aldona, installed a fire alarm system consisting of gas and UV detectors with automatic shutdown capabilities as well as pull stations and an autodialer system. All equipment was installed as of December 31, 2011. It is anticipated that the work will be functional by the first quarter of 2012.

Industrial Wastewater Discharge Permit

The DEP issued an Industrial Wastewater Discharge Permit authorizing discharge from the Pelham Bay Landfill to the NYC sewer system. The permit requires monthly sampling and quarterly reporting.

IV. MAINTENANCE AND REPAIRS

Maintenance activities during this monitoring period consisted of routine preventive maintenance and non-routine activities. Non-routine work includes tasks requested by the DEP project manager and specific items identified in the contract specifications.

a. Preventive Maintenance

The routine preventive maintenance was performed by SCC in conjunction with the scheduled inspections and as outlined in the SMP. The preventive maintenance included but was not limited to site maintenance such as maintaining access to equipment, litter removal and snow removal. Preventive maintenance on the gas flare system and leachate pumping system included maintaining in-service and spare pumps in working order, exercising all valves and maintaining the piping systems.

b. Non-Routine Tasks

Tree Removal

Despite having treated the sumac tree stumps with herbicide in October 2010, the stumps began to grow shoots in the spring of 2011. SCC personnel proactively cut the shoots to prevent additional growth.

Misc. Maintenance Repairs

Throughout the monitoring period, SCC personnel repaired holes in the perimeter fence and filled holes dug under the fence by trespassers.

In October and December 2011, site roads B and B2 were repaired, limited to areas with ruts, potholes and exposed stabilization fabric. Approximately 290 tons of road material was used in this process.

A crushed stone berm was installed along the side of Road C to divert surface water runoff from the side slope towards the drainage swale. This was a corrective action to prevent further erosion on Road C.

In January 2011, temporary pipe supports were installed on the above ground piping at the flare station.

The enclosure for the backflow preventer located in the parking lot was replaced and included two new heaters.

Landfill Gas System Repairs

Installation of four new gas extraction wells was completed in June 2011 by Moretrench USA, a subcontractor hired by Stratis Contracting. The new wells were installed in accordance with the Corrective Measures Work Plan dated March 2011 which was approved by NYSDEC. New 8-inch diameter wells were drilled over the existing wells EW-4, EW-7, EW-9 and EW-15 to depths of approximately 100 ft. below the landfill surface at the groundwater interface. A detailed summary of these corrective measures are documented in the previously submitted Corrective Measures Report for Landfill Gas System Maintenance (Arcadis 2011).

Following completion of the new wells, condensate began to accumulate in the horizontal gas transmission piping near EW-4 and EW-7. In September 2011, SCC hired a vacuum truck service to remove condensate from the transmission piping. Vacuuming of condensate from the transmission piping is permitted by the SMP and condensate removal is part of the normal site maintenance. Approximately 100 gallons of condensate were removed and the gas flow from these wells resumed. Condensate accumulation was observed again after several days. A Work Plan to address this routine maintenance issue has been developed and will be implemented in January 2012.

The Work Plan involves the installation of four double wye access ports into the horizontal gas transmission pipe to facilitate a video inspection of the pipe, removal of condensate and repair of sagging sections if required. The access ports will also allow for targeted condensate removal by vacuum truck. Two new valves will be installed next to Passive Vents No. 1 and 4 to allow closing of the cross connection to the passive vent system. Closing the cross connection is necessary to safely vacuum out the condensate in the gas transmission piping.

Several repairs to the flare station were completed in 2011:

1. A new actuated waste gas valve was installed in March.
2. Four new butterfly valves were installed on the suction and discharge sides of each blower in May.
3. The internal flame arrestor bank was replaced in August.
4. The entire insulation inside the flare stack was replaced. Work was completed on April 25th.
5. The condensate pump was repaired in October.
6. In September 2011, DEP requested that the above ground piping be pressure tested for the fire department permit. After the initial test failed, Stratis replaced the gaskets at each flange and cleaned and lubricated the valves. After the gaskets were replaced, the piping passed the pressure test.

Misc. Pump and Lift Station Repairs

Two new level gauges were installed on the leachate storage tanks. During the installation, it was discovered that although the gauges have controls to signal Lift Station No. 2 to stop pumping when the tanks are full, the wiring was never completed. Stratis proposed to install a radio transmitter on the tanks to signal a receiver on L.S. #2 to stop pumping and DEP is reviewing this as well as other

options. The current procedure is to manually shut down L.S. #2 if a heavy rain event is in the forecast.

V. SUMMARY

SCC reviewed data collected from this reporting period and compared with past data and trends to determine the effectiveness of the remedial measures instituted as part of the closure plan for the Pelham Bay Landfill. Based upon our review, we have come to the following conclusions:

- a. Although there are several issues identified for the LFG collection and flaring system requiring maintenance/repair, during the 2011 reporting period, the LFG collection and flaring system was meeting the overall remedial objective of preventing off-site migration of landfill gas.
- b. The results from the groundwater monitoring performed during this reporting period have been compared with the historical groundwater data collected from the Pelham Bay Landfill as summarized in the 5 year report and previous annual reports. In general, the results do not show any significant increases in concentrations or changes in groundwater quality from those contained in the 5 year report.
- c. SCC recommends that the mowing program follow the guidance provided in the SMP which states that 1/3 of the landfill should be mowed each year with the goal of full coverage over a period of three years. If additional mowing is required to control invasive species, it should be done in addition to the routine maintenance mowing.
- d. As discussed earlier in this report, condensate is accumulating in the gas header pipe and the above ground gas pipe at the flare station. Removal/maintenance plans have been developed for implementation in early 2012. Once these measures have been implemented, we will monitor the system performance and address additional issues observed. A sequential approach is being employed here, consistent with the SMP.
- e. SCC recommends installing protective bollards next to the enclosure for the backflow preventer. The enclosure is located in the parking lot and could be damaged by vehicles.
- f. Based on the results of the current and historical monitoring data for the site, no additional monitoring or increases to the plan are required.

Appendix A

Leachate Daily Flow

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN

Month: JANUARY 2011

Date	Time of Reading	TOTALIZER READING (100 gallons)	Flow (gallons)	CSO Events (hrs)
30-Dec	9:52	438,632		
1			18,100	(1)
2			18,100	(1)
3	7:45	439,356	24,100	
4	7:56	439,597	25,800	
5	9:35	439,855	22,100	
6	7:50	440,076	23,300	
7	8:20	440,309	21,833	(1)
8			21,833	(1)
9			21,833	(1)
10	8:21	440,964	20,900	
11	8:53	441,173	20,850	
12			20,850	
13	13:05	441,590	13,800	
14	7:10	441,728	18,975	(1)
15			18,975	(1)
16			18,975	(1)
17			18,975	(1)
18	7:18	442,487	20,700	
19	6:28	442,694	32,700	
20	7:54	443,021	92,500	
21	12:10	443,946	54,533	(1)
22			54,533	(1)
23			54,533	(1)
24	7:45	445,582	22,800	
25	7:17	445,810	21,600	
26	8:00	446,026	49,700	
27	14:40	446,523	19,700	
28	11:23	446,720	22,400	(1)
29			22,400	(1)
30			22,400	(1)
31	7:50	447,392	32,000	
1-Feb	6:06	447,712		

**No. of Days
Discharging**

31

**Total Flow
(gallons)**

871,800

**Average Daily
Flow (gallons)**

28,123

**Maximum
Daily Flow
(gallons)**

92,500

**Minimum
Daily Flow
(gallons)**

13,800

(1) Estimated flow for weekends and holiday (readings not taken).

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN
Month: FEBRUARY 2011

Date	Time of Reading	TOTALIZER READING (100 gallons)	Flow (gallons)	CSO Events (hrs)	
1	6:06	447,712	23,600		(1)
2	10:19	447,948	26,900		(1)
3	8:25	448,217	30,300		
4	7:30	448,520	37,033		
5			37,033		
6			37,033		
7	8:55	449,631	43,400		(1)
8	8:15	450,065	51,500		(1)
9	7:35	450,580	55,100		(1)
10	8:46	451,131	55,600		
11	11:02	451,687	42,133		
12			42,133		
13			42,133		
14	6:25	452,951	45,500		(1)
15	6:33	453,406	49,500		(1)
16	6:55	453,901	49,900		(1)
17	6:38	454,400	51,500		(1)
18	7:00	454,915	52,200		
19			52,200		
20			52,200		
21		HOLIDAY	52,200		(1)
22	7:56	457,003	42,500		(1)
23	6:40	457,428	44,700		(1)
24	7:23	457,875	40,800		
25	6:50	458,283	64,900		
26			64,900		
27			64,900		
28	8:48	460,230	86,100		(1)
1-Mar	6:22	461,091			

No. of Days Discharging
28

Total Flow (gallons)
1,337,900

Average Daily Flow (gallons)
47,782

Maximum Daily Flow (gallons)
86,100

Minimum Daily Flow (gallons)
23,600

(1) Estimated flow for weekends and holiday (readings not taken).

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN
Month: MARCH 2011

Date	Time of Reading	TOTALIZER READING (100 gallons)	Flow (gallons)	CSO Events (hrs)	
1	6:22	461,091	78,600		
2	7:18	461,877	62,900		
3	11:24	462,506	43,800		
4	7:10	462,944	28,412		(1)
5			28,412		(1)
6			23,676	4	(1)
7	6:00	463,749	100,600	2	
8	7:07	464,755	57,500		
9	6:02	465,330	107,000		
10	5:53	466,400	84,000	4	
11	7:28	467,240	93,600		(1)
12			93,600		(1)
13			93,600		(1)
14	7:42	470,048	77,900		
15	7:15	470,827	79,800		
16	7:57	471,625	71,200		
17	7:05	472,337	75,200		
18	8:10	473,089	41,925		(1)
19			41,925		(1)
20			41,925		(1)
21	5:34	474,766	66,800		
22	7:05	475,434	53,200		
23	5:59	475,966	76,200		
24	11:45	476,728	50,100		
25	7:32	477,229	59,100		(1)
26			59,100		(1)
27			59,100		(1)
28	7:30	479,002	52,900		
29	6:26	479,531	53,700		
30	7:14	480,068	46,600		
31	6:50	480,534	52,200		
1-Apr	6:31	481,056			

No. of Days Discharging
31

Total Flow (gallons)
1,954,575

Average Daily Flow (gallons)
63,051

Maximum Daily Flow (gallons)
107,000

Minimum Daily Flow (gallons)
23,676

(1) Estimated flow for weekends (readings not taken).

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN

Month: APRIL 2011

Date	Time of Reading	TOTALIZER READING (100 gallons)	Flow (gallons)	CSO Events (hrs)	
1	6:31	481,056	50,333		(1)
2			50,333		(1)
3			50,333		(1)
4	7:00	482,566	46,700		
5	6:21	483,033	57,400		
6	8:30	483,607	43,500		
7	6:46	484,042	47,700		
8	7:23	484,519	34,633		(1)
9			34,633		(1)
10			34,633		(1)
11	7:28	485,558	18,300		
12	8:32	485,741	13,500	2.5	
13	6:38	485,876	19,600	1	
14	6:26	486,072	20,300		
15	6:28	486,275	84,931		(1)
16			70,776	4	(1)
17			81,393	1	(1)
18	7:44	488,646	93,200		
19	7:01	489,578	66,200		
20	7:24	490,240	48,700		
21	12:45	490,727	53,000		
22	14:14	491,257	34,580		(1)
23			33,139	1	(1)
24			34,580		(1)
25	5:45	492,280	51,500		
26	10:32	492,795	35,000		
27	6:19	493,145	37,900		
28	6:24	493,524	39,500		
29	6:47	493,919	34,000		(1)
30			34,000		(1)
2-May	8:09	494,939			

**No. of Days
Discharging**
30

**Total Flow
(gallons)**
1,354,300

**Average Daily
Flow (gallons)**
45,143

**Maximum
Daily Flow
(gallons)**
93,200

**Minimum
Daily Flow
(gallons)**
13,500

(1) Estimated flow for weekends (readings not taken).

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN

Month: May 2011

Date	Time of Reading	TOTALIZER READING (100 gallons)	Flow (gallons)	CSO Events (hrs)	
29-Apr	6:47	493,919			
1			34,000		(1)
2	8:09	494,939	26,000		
3	7:28	495,199	25,800		
4	8:06	495,457	32,400		
5	10:12	495,781	26,100		
6	9:51	496,042	25,833		(1)
7			25,833		(1)
8			25,833		(1)
9	6:41	496,817	31,500		
10	11:39	497,132	24,000		
11	10:04	497,372	19,500		
12	6:35	497,567	27,600		
13	8:26	497,843	24,033		(1)
14			24,033		(1)
15			24,033		(1)
16	6:48	498,564	26,400		
17	7:43	498,828	28,900	3	
18	7:11	499,117	34,500	4	
19	6:54	499,462	46,800		
20	8:06	499,930	36,233		(1)
21			36,233		(1)
22			36,233		(1)
23	6:56	501,017	46,800		
24	10:55	501,485	77,400		
25	6:30	502,259	58,700		
26	11:05	502,846	50,200		
27	5:52	503,348	34,000		(1)
28			34,000		(1)
29			34,000		(1)
30			34,000		
31	5:46	504,708	23,100		
1-Jun	7:48	504,939			

No. of Days Discharging

31

Total Flow (gallons)

1,034,000

Average Daily Flow (gallons)

33,355

Maximum Daily Flow (gallons)

77,400

Minimum Daily Flow (gallons)

19,500

(1) Estimated flow for weekends (readings not taken).

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN
Month: June 2011

						No. of Days Discharging	
						30	
						Total Flow (gallons)	
						607,500	
						Average Daily Flow (gallons)	
						20,250	
						Maximum Daily Flow (gallons)	
						32,100	
						Minimum Daily Flow (gallons)	
						6,218	
1	7:48	504,939	13,300				
2	7:13	505,072	32,100				
3	6:02	505,393	20,200		(1)		
4			20,200		(1)		
5			20,200		(1)		
6	5:48	505,999	28,600				
7	6:37	506,285	14,500				
8	7:00	506,430	16,000				
9	7:24	506,590	23,900				
10	6:05	506,829	22,500		(1)		
11			22,500		(1)		
12			22,500		(1)		
13	6:04	507,504	21,400				
14	6:10	507,718	19,300				
15	6:20	507,911	25,600				
16	8:50	508,167	16,400				
17	6:58	508,331	6,218	2.5	(1)		
18			6,941		(1)		
19			6,941		(1)		
20	10:16	508,532	30,100				
21	7:00	508,833	26,600				
22	5:36	509,099	25,900				
23	6:30	509,358	20,400	2.5			
24	5:44	509,562	22,267		(1)		
25			22,267		(1)		
26			22,267		(1)		
27	6:38	510,230	20,500				
28	5:48	510,435	20,400				
29	5:26	510,639	19,900	1			
30	6:22	510,838	17,600				
1-Jul	5:40	511,014					

(1) Estimated flow for weekends (readings not taken).

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN
Month: July 2011

Date	Time of Reading	TOTALIZER READING (100 gallons)	Flow (gallons)	CSO Events (hrs)	
1	5:40	511,014	18,562		(1)
2			18,562		(1)
3			17,015	2	(1)
4			18,562		(1)
5	5:49	511,741	20,500		
6	6:52	511,946	25,000		
7	13:58	512,196	13,200		
8	6:20	512,328	18,933		(1)
9			18,933		(1)
10			18,933		(1)
11	6:18	512,896	21,000		
12	9:34	513,106	17,000		
13	7:09	513,276	19,000		
14	8:00	513,466	19,300		
15	10:03	513,659	16,167		(1)
16			16,167		(1)
17			16,167		(1)
18	6:50	514,144	18,000		
19	9:30	514,324	14,000		
20	6:49	514,464	14,600		
21	6:48	514,610	12,500		
22	5:37	514,735	12,333		(1)
23			12,333		(1)
24			12,333		(1)
25	6:24	515,105	11,400		
26	7:58	515,219	10,600		
27	10:00	515,325	9,300		
28	10:22	515,418	7,500		
29	8:58	515,493	9,067		(1)
30			9,067		(1)
31			9,067		(1)
1-Aug	6:11	515,765			

No. of Days Discharging
31

Total Flow (gallons)
475,100

Average Daily Flow (gallons)
15,326

Maximum Daily Flow (gallons)
25,000

Minimum Daily Flow (gallons)
7,500

(1) Estimated flow for weekends and holiday (readings not taken).

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN
Month: AUGUST 2011

Date	Time of Reading	TOTALIZER READING (100 gallons)	Flow (gallons)	CSO Events (hrs)	
1	6:11	515,765	9,100		
2	5:30	515,856	9,300		
3	6:06	515,949	8,500	2	
4	5:55	516,034	8,600		
5	5:47	516,120	8,700		(1)
6			8,700		(1)
7			8,700		(1)
8	7:13	516,381	7,800		
9	6:38	516,459	10,000	3.5	
10	6:26	516,559	13,100		
11	7:09	516,690	77,500		
12	7:30	517,465	35,320		(1)
13			29,433	4	(1)
14			23,547	8	(1)
15	6:36	518,348	78,900	1	
16	6:21	519,137	81,200		
17	6:11	519,949	67,200		
18	7:14	520,621	50,600		
19	6:43	521,127	36,608		(1)
20			36,608		(1)
21			35,083	1	(1)
22	5:47	522,210	36,500		
23	14:42	522,575	7,400		
24	7:52	522,649	9,600		
25	7:12	522,745	28,500	2	
26	7:14	523,030	10,800	15.5	(2)
27			0	24	(2)
28			0	24	(2)
29	6:50	523,138	68,300	1	(2)
30	7:25	523,821	80,200		
31	10:30	524,623	72,300		
1-Sep	6:41	525,346			

No. of Days Discharging
29

Total Flow (gallons)
958,100

Average Daily Flow (gallons)
33,038

Maximum Daily Flow (gallons)
81,200

Minimum Daily Flow (gallons)
7,400

(1) Estimated flow for weekends and holiday (readings not taken).

(2) On 8/26/11 at 2:30 PM, the system was shut down and powered off to protect equipment from impending damage due to Hurricane Irene. Service was restored on 8/29/11 at 6:50 AM.

Note: The flow meter was calibrated on 8/23/11.

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN
Month: SEPTEMBER 2011

Date	Time of Reading	TOTALIZER READING (100 gallons)	Flow (gallons)	CSO Events (hrs)	
1	6:41	525,346	72,700		
2	7:11	526,073	49,925		(1)
3			49,925		(1)
4			49,925		(1)
5			49,925		(1)
6	6:09	528,070	43,600	6.5	
7	6:55	528,506	63,900		
8	7:49	529,145	62,800	8.0	
9	6:47	529,773	34,000		(1)
10			34,000		(1)
11			34,000		(1)
12	6:28	530,793	26,200		
13	7:10	531,055	29,300		
14	6:42	531,348	27,000		
15	6:45	531,618	27,100		
16	7:38	531,889	24,167		(1)
17			24,167		(1)
18			24,167		(1)
19	6:35	532,614	28,300		
20	7:12	532,897	16,600		
21	6:41	533,063	21,600		
22	8:04	533,279	19,200		
23	6:44	533,471	24,813	5.0	(1)
24			31,343		(1)
25			31,343		(1)
26	6:25	534,346	82,700		
27	7:04	535,173	77,600		
28	6:37	535,949	69,500	1.5	
29	7:10	536,644	64,300	2	
30	7:10	537,287	58,897	2	(1)
3-Oct	6:13	539,161			

No. of Days Discharging
30

Total Flow (gallons)
1,252,997

Average Daily Flow (gallons)
41,767

Maximum Daily Flow (gallons)
82,700

Minimum Daily Flow (gallons)
16,600

(1) Estimated flow for weekends and holiday (readings not taken).

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN
Month: October 2011

Date	Time of Reading	TOTALIZER READING (100 gallons)	Flow (gallons)	CSO Events (hrs)
30-Sep	7:10	537,287	58,897	2
1			64,251	
2			64,251	
3	6:13	539,161	62,600	
4	6:14	539,787	55,400	
5	6:11	540,341	54,200	
6	7:50	540,883	50,900	
7	6:45	541,392	52,567	
8			52,567	
9			52,567	
10	8:20	542,969	52,567	
11	8:52	543,013	41,400	
12	8:56	543,427	39,000	
13	7:01	543,817	35,300	
14	6:26	544,170	42,404	1
15			44,248	
16			44,248	
17	6:25	545,479	43,633	
18	6:30	545,907	39,800	
19	7:25	546,305	38,300	
20	6:26	546,688	44,300	
21	5:55	547,131	42,867	
22			42,867	
23			42,867	
24	6:57	548,417	42,867	
25	7:05	548,747	25,900	
26	6:55	549,006	25,300	
27	6:46	549,259	39,000	
28	6:37	549,649	42,867	
29			42,867	
30			41,081	1
31	8:13	550,963	56,600	
1-Nov	6:24	551,529		

No. of Days
Discharging

31

Total Flow
(gallons)

1,419,583

Average Daily
Flow (gallons)

45,793

Maximum
Daily Flow
(gallons)

64,251

Minimum
Daily Flow
(gallons)

25,300

(1) Estimated flow for weekends and holiday (readings not taken).

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN

Month: NOVEMBER 2011

Date	Time of Reading	TOTALIZER READING (100 gallons)	Flow (gallons)	CSO Events (hrs)	
1	6:24	551,529	56,900		
2	8:30	552,098	59,900		
3	14:35	552,697	32,000		
4	7:02	553,017	38,767		(1)
5			38,767		(1)
6			38,767		(1)
7	6:45	554,180	32,750		(1)
8	Holiday		32,750		(1)
9	8:37	554,835	27,800		
10	8:20	555,113	24,900		
11	8:52	555,362	20,267		(1)
12			20,267		(1)
13			20,267		(1)
14	6:49	555,970	23,800		
15	8:01	556,208	24,200		
16	7:08	556,450	21,200		
17	7:46	556,662	22,900		
18	7:55	556,891	21,667		(1)
19			21,667		(1)
20			21,667		(1)
21	6:42	557,541	26,300		
22	6:16	557,804	30,300		
23	7:11	558,107	50,650		(1)
24	Holiday		50,650		(1)
25	9:34	559,120	40,933		(1)
26			40,933		(1)
27			40,933		(1)
28	7:42	560,348	35,300		
29	8:03	560,701	33,100		
30	7:03	561,032	34,600		
1-Dec	7:34	561,378			

No. of Days Discharging
30

Total Flow (gallons)
984,900

Average Daily Flow (gallons)
32,830

Maximum Daily Flow (gallons)
59,900

Minimum Daily Flow (gallons)
20,267

(1) Estimated flow for weekends and holiday (readings not taken).

Table 2
PELHAM BAY LANDFILL
LEACHATE FLOW
PUMP STATION D-1 TO WWTP FORCE MAIN
Month: DECEMBER 2011

Date	Time of Reading	TOTALIZER READING (100 gallons)	Flow (gallons)	CSO Events (hrs)	
1	7:34	561,378	28,700		
2	6:03	561,665	28,767		(1)
3			28,767		(1)
4			28,767		(1)
5	6:32	562,528	30,900		
6	8:50	562,837	25,400		
7	8:49	563,091	27,600	1.5	
8	6:23	563,367	50,100		
9	8:35	563,868	44,500		(1)
10			44,500		(1)
11			44,500		(1)
12	9:42	565,203	41,200		
13	9:35	565,615	33,000		
14	6:09	565,945	38,700		
15	7:18	566,332	34,600		
16	6:09	566,678	32,767		(1)
17			32,767		(1)
18			32,767		(1)
19	7:07	567,661	28,200		
20	6:16	567,943	29,600		
21	6:42	568,239	32,100		
22	9:43	568,560	22,700		(1)
23	7:45	568,787	30,408	1	(1)
24			31,731		(1)
25			31,731		(1)
26	HOLIDAY		31,731		
27	8:50	570,043	64,900	4	
28	5:39	570,692	116,700		
29	11:34	571,859	32,100		(1)
30	7:41	572,180	41,525		(1)
31			41,525		(1)
3-Jan	6:50	573,841			

No. of Days Discharging

31

Total Flow (gallons)

1,163,250

Average Daily Flow (gallons)

37,524

Maximum Daily Flow (gallons)

116,700

Minimum Daily Flow (gallons)

22,700

(1) Estimated flow for weekends and holiday (readings not taken).

Appendix B

Landfill Gas Daily Flow Log

Table 1: LANDFILL GAS MANAGEMENT SYSTEM

FLARE

FLARE					BLOWERS			COMMENTS	TECH
Date	Time	Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes)		Run Time (Hours)		
					Blower No. 1	Blower No. 2			
Weekend	1								
	2								
Monday	3	7:45	1,350.0	43,3947	485,200	84890.2	24805.2	6.3	JIM
Tuesday	4	7:40	1,300.0	43,8789	558,300	84890.2	25185.6	7.3	JIM
Wednesday	5	7:14	1,280.0	44,4382	542,100	84890.2	25620.7	7.3	JIM
Thursday	6	7:47	1,325.0	44,9803	495,700	84890.2	26056.4	6.4	JIM
Friday	7	7:20	1,300.0	45,4760	432,400	84890.2	26440	5.5	snow storm JIM
Weekend	8								
	9								
Monday	10	8:19	1,325.0	45,9084	456,100	84890.2	26769.9	5.7	JIM
Tuesday	11	7:40	1,350.0	46,3645	527,900	84890.2	27111.6	6.6	JIM
Wednesday	12							0.0	snow storm - flare off
Thursday	13	8:05	1,325.0	46,8924	452,100	84890.2	27510.1	5.9	JIM
Friday	14	7:25	1,350.0	47,3445	413,400	84890.2	27862.7	5.7	JIM
Weekend	15								
	16								
Monday	17								Holiday
Tuesday	18	7:15	1,320.0	47,7579	464,900	84890.2	28204.2	6.0	snow and ice storm JIM
Wednesday	19	6:24	1,300.0	48,2228	348,600	84890.2	28562.3	4.7	switched to blower #1, invest flare system JIM
Thursday	20	6:56	1,325.0	48,5714	533,500	85172.1	28562.3	6.6	JIM
Friday	21	8:48	1,325.0	49,1049	358,900	85568.6	28562.3	4.6	snow storm JIM
Weekend	22								
	23								
Monday	24	7:20	1,310.0	49,4638	703,000	85843	28562.3	8.5	MOG
Tuesday	25	7:05	1,300.0	50,1668	65,600	86353	28562.3	0.8	Actuator valve replaced - defective JIM
Wednesday	26	10:45	1,325.0	50,2324	303,200	86401.4	28562.3	3.9	Defective valve removed/original re-installed. JIM
Thursday	27	11:00	1,279.0	50,5356	283,100	86637.2	28562.3	3.7	snow storm JIM
Friday	28	7:17	1,300.0	50,8187	627,800	86860.7	28562.3	7.6	JIM
Weekend	29								
	30								
Monday	31	7:22	1,350.0	51,4465	509,300	87317.4	28562.3	6.8	JIM
1-Feb	6:18			51,9558		87727.6	28562.3		JIM
AVG. Inst. Flow Rdnng:		1,317.8	Total (SCF):	8,561,100	Total Run Time (hrs):		109.9		
Average Daily Flow (SCF/Day):		450,584	Percent Run Time		14.8%		Average Flow Rate per Minute (SCFM):		1,298

PELHAM BAY LANDFILL
Table 1: LANDFILL GAS MANAGEMENT SYSTEM
Month: FEBRUARY 2011

		FLARE			BLOWERS			COMMENTS	TECH
		Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes) Blower No. 1	Blower No. 2	Run Time (Hours)		
Tuesday	1	6:18	1,300	51.9558	566,000	87727.6	28562.3	6.9	JIM
Wednesday	2	10:03	1,377	52.5218	710,600	88144.4	28562.3	9.1	JIM
Thursday	3	8:15	1,418	53.2324	512,900	88692.2	28562.3	6.6	KR
Friday	4	7:45	1,460	53.7453	799,300	89088.2	28562.3	10.1	KR
Weekend	5								
Monday	6								
Tuesday	7	8:45	1,282	54.5446	614,900	89696.3	28562.3	7.9	RK
Wednesday	8	8:00	1,309	55.1595	557,100	90172.4	28562.3	7.2	RK
Thursday	9	7:20	1,313	55.7166	630,500	90606.1	28562.3	8.4	RK
Friday	10	9:03	1,322	56.3471	437,800	91110.8	28562.3	5.5	JIM
Weekend	11	6:03	1,350	56.7849	593,000	91442.9	28562.3	7.8	JIM
Monday	12								
Tuesday	13								
Wednesday	14	6:07	1,394	57.3779	618,600	91910.2	28562.3	7.7	JIM
Thursday	15	6:13	1,340	57.9965	669,600	92369.7	28562.3	7.8	JIM
Friday	16	6:52	1,397	58.6661	580,500	92838.3	28562.3	7.3	JIM
Weekend	17	6:16	1,350	59.2466	590,600	93278.2	28562.3	7.6	JIM
Monday	18	6:34	1,360	59.8372	608,900	93735.7	28562.3	7.8	JIM
Tuesday	19								
Wednesday	20								
Thursday	21	Holiday							
Friday	22	7:35	1,370	60.4461	599,600	94201.7	28562.3	7.7	JIM
Weekend	23	6:34	1,340	61.0457	687,800	94661.7	28562.3	8.1	JIM
Monday	24	6:52	1,380	61.7335	558,000	95145.8	28562.3	7.1	JIM
Tuesday	25	6:53	1,380	62.2915	552,000	95570.8	28562.3	7.0	JIM
Wednesday	26								
Thursday	27								
Friday	28	8:45	1,250	62.8435	566,400	95992.6	28562.3	7.4	JIM
Weekend	29								
Monday	30	6:15	1,350	63.4099	96434.3	28562.3			JIM
AVG. Inst. Flow Rdn: 1,352.2		Total (SCF): 11,454,100		Total Run Time (hrs): 145.1		Percent Run Time 21.6%		Average Flow Rate per Minute (SCFM): 1,316	

PELHAM BAY LANDFILL

Table 1: LANDFILL GAS MANAGEMENT SYSTEM

Month: MARCH 2011

FLARE				BLOWERS				COMMENTS	TECH	
Date	Time	Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes)		Run Time (Hours)			
					Blower No. 1	Blower No. 2				
Tuesday	1	6:15	1,350	63,4099	434,200	96434.3	28562.3	5.4	Flare is pulse operated. Monday through Friday, from site arrival to site departure	JM
Wednesday	2	7:15	1,325	63,8441	683,800	96758.2	28562.3	8.9		JM
Thursday	3	8:28	1,330	64,5279	543,800	97290.8	28562.3	6.8		JM
Friday	4	7:06	1,305	65,0717	616,600	97698.4	28562.3	8.0		JM
Weekend	5									
	6									
Monday	7	6:03	1,300	65,6883	580,900	98179.4	28562.3	7.3		JM
Tuesday	8	7:04	1,380	66,2692	665,700	98619.1	28562.3	8.0		JM
Wednesday	9	5:55	1,325	66,9349	628,900	99096.9	28562.3	8.0		JM
Thursday	10	5:49	1,380	67,5638	633,300	99577.3	28562.3	8.0	On 3/11/11, Blower No. 1 elapsed time (ET) meter reset. The run time (ET) for the 10th is estimated as the observed flare run time.	JM
Friday	11	6:55	1,320	68,1971	380,400	52.6	28562.3	4.6		JM
Weekend	12									
	13									
Monday	14	7:47	1,360	68,5775	658,200	328.9	28562.3	8.2		JM
Tuesday	15	7:05	1,349	69,2357	591,300	821.9	28562.3	7.4		RK
Wednesday	16	8:00	1,340	69,8270	543,600	1264	28562.3	7.1		JM
Thursday	17	7:02	1,284	70,3706	562,300	1688.8	28562.3	7.4		JM
Friday	18	7:42	1,350	70,9329	584,900	2131.1	28562.3	7.6		JM
Weekend	19									
	20									
Monday	21	5:30	1,300	71,5178	131,600	2587.5	28562.3	1.7		JM
Tuesday	22	6:47	1,360	71,6494	556,800	2687.2	28562.3	7.2		JM
Wednesday	23	5:49	1,400	72,2062	8,800	3116.2	28562.3	0.1		JM
Thursday	24	8:27	1,350	72,2150	461,400	3122.6	28562.3	5.9		JM
Friday	25	7:30	1,350	72,6764	581,900	3474.8	28562.3	7.6		JM
Weekend	26									
	27									
Monday	28	7:32	1,400	73,2583	574,000	3929.4	28562.3	7.3		JM
Tuesday	29	6:22	1,350	73,8323	589,600	4366.8	28562.3	7.6		JM
Wednesday	30	7:11	1,275	74,4219	553,900	4824.6	28562.3	7.2		JM
Thursday	31	6:55	1,300	74,9758	531,400	5257.2	28562.3	6.8		JM
1-Apr	6:29	1,350	75,5072			5665.3	28562.3			JM
AVG. Inst. Flow Rdn: 1,338.9		Total (SCF): 12,097,300		Total Run Time (hrs): 153.9						
Average Daily Flow (SCF/Day): 525,970		Percent Run Time 20.7%		Average Flow Rate per Minute (SCFM): 1,310						

PELHAM BAY LANDFILL
Table 1: LANDFILL GAS MANAGEMENT SYSTEM

Month: July 2011

Date		FLARE			BLOWERS			COMMENTS	TECH
		Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes)		Run Time (Hours)		
					Blower No. 1	Blower No. 2			
Thursday	30	6:18	1,270	108,2681	694,400	31270.4	29074.3	7.8	JM
Friday	1	5:29	1,330	108,8625	619,400	31270.4	29544	8.1	JM
Weekend	2								
	3								
Monday	4								JM
Tuesday	5	5:51	1,320	109,4819	601,900	31270.4	30029	8.2	JM
Wednesday	6	6:43	1,235	110,0838	759,500	31270.4	30523	10.5	JM
Thursday	7	6:52	1,220	110,8433	515,000	31270.4	31150.2	12.0	JM
Friday	8	6:31	1,310	111,3583	546,700	31570.4	31570.4	2.3	JM
Weekend	9								
	10								
Monday	11	6:10	1,329	111,9050	1,812,900	31270.4	32009.1	24.2	JM
Tuesday	12	6:23	1,232	113,7179	1,802,800	31270.4	33462.1	24.5	JM
Wednesday	13	6:51	1,222	115,5207	1,777,900	31270.4	34929.7	24.1	JM
Thursday	14	7:05	1,222	117,2986	1,806,400	31270.4	36378.2	24.4	RK
Friday	15	7:23	1,237	119,1050	455,400	31270.4	37840.1	6.2	JM
Weekend	16								
	17								
Monday	18	6:36	1,300	119,5604	1,797,400	31270.4	38210.4	23.3	JM
Tuesday	19	6:14	1,295	121,3578	1,866,500	31270.4	39607.8	24.4	JM
Wednesday	20	6:36	1,282	123,2243	1,844,700	31270.4	41070.3	24.0	JM
Thursday	21	6:38	1,289	125,0690	1,865,000	31270.4	42512.7	24.5	JM
Friday	22	7:42	1,260	126,9340	1,060,038	31270.4	43984	14.0	JM
Weekend	23	22:08	1,240	181,6827		31270.4	44825.3		7/22/1 - Totalizer malfunction due to surge. Estimated flow.
	24								JM
Monday	25	6:27	1,284	181,7560	1,891,100	31270.4	44882.1	25.3	JM
Tuesday	26	7:42	1,232	183,6471	1,709,100	31270.4	46397.2	22.8	JM
Wednesday	27	6:27	1,260	185,3562	1,825,600	31270.4	47762.6	24.2	JM
Thursday	28	6:38	1,270	187,1818	1,762,500	31270.4	49213.1	23.2	JM
Friday	29	5:49	1,270	188,9443	1,000,600	31270.4	50604	13.2	JM
Weekend	30								
	31								
1-Aug	6:08		189,9449			31270.4	51393.8		JM
AVG. Inst. Flow Rdnq: 1,269		Total (SCF): 27,914,838		Total Run Time (hrs):		371.0			
Average Daily Flow (SCF/Day): 1,329,278		Percent Run Time		49.9%		Average Flow Rate per Minute (SCFM): 1,254			

Table 1: LANDFILL GAS MANAGEMENT SYSTEM
Month: AUGUST 2011

	Date	Time	FLARE			BLOWERS			COMMENTS	TECH
			Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes)		Run Time (Hours)		
						Blower No. 1	Blower No. 2			
Monday	1	6:08	1,260	189,944.9	2,149,400	31270.4	51393.8	28.9		JM
Tuesday	2	12:11	1,260	192,094.3	1,344,200	31270.4	53125.8	17.7		JM
Wednesday	3	5:55	1,270	193,438.5	1,789,500	31270.4	54190.1	23.7		JM
Thursday	4	5:39	1,250	195,228.1	1,798,500	31270.4	55613.9	24.0		JM
Friday	5	5:41	1,250	197,026.6	595,500	31270.4	57065	8.0	Shut down for weekend	JM
Weekend	6				0			0.0		
	7				0			0.0		
Monday	8	6:31	1,250	197,622.1	1,716,400	31270.4	57533.2	23.9		JM
Tuesday	9	6:27	1,190	189,338.5	1,747,300	31270.4	58964.5	23.8		JM
Wednesday	10	6:13	1,220	201,085.8	2,197,000	31270.4	60391.4	24.1		JM
Thursday	11	6:18	1,500	203,282.8	2,206,200	31270.4	61835.8	24.5		JM
Friday	12	6:47	1,470	205,489.0	1,343,533	31270.4	63305.1	24.0	Flare remained on line for the weekend; however	JM
Weekend	13				1,343,533			24.0		
	14				1,343,533			2.1	Storm event. Flare shut off at ~ 8:30 AM.	
Monday	15	6:53	209,519.6	209,519.6	0	31270.4	66309.4	0.0	Water intrusion, system draining, flare off	JM
Tuesday	16	6:49	209,519.6	209,519.6	0	31270.4	66309.4	0.0	Blower & flame arrester draining, flare off.	JM
Wednesday	17	6:47	209,519.6	209,519.6	1,511,500	31270.4	66309.4	16.8	Flare restarted at the end of the day.	JM
Thursday	18	6:52	1,457	211,031.1	704,100	31270.4	67315.8	8.1		JM
Friday	19	6:22	1,340	211,735.2	679,700	31270.4	67803.2	8.6	Flare shut down for weekend	JM
Weekend	20				0			0.0		
	21				0			0.0		
Monday	22	5:50	1,350	212,414.9	1,964,100	31270.4	68316.5	25.3		JM
Tuesday	23	7:18	1,304	214,379.0	1,633,200	31270.4	69832.6	20.6		JM
Wednesday	24	6:32	1,296	216,012.2	1,882,300	31270.4	71070.2	24.6		JM
Thursday	25	7:08	1,250	217,894.5	1,799,000	31270.4	72546.6	23.6		JM
Friday	26	6:42	1,265	219,693.5	525,900	31270.4	73960.6	7.0	Shut down and isolated power to prevent possible equipment damage due to hurricane.	JM
Weekend	27				0			0.0		
	28				0			0.0	Hurricane Irene	
Monday	29	6:52	1,400	220,219.4	1,815,900	31270.4	74379.5	22.8		JM
Tuesday	30	7:23	1,300	222,035.3	1,697,600	31270.4	75750.3	21.1	Flare off line while servicing the flame arrester.	JM
Wednesday	31	10:22	1,330	223,732.9	1,622,200	31270.4	77014.8	20.2		JM
1-Aug		6:33	1,345	225,355.1		31270.4	78224.5			
AVG. Inst. Flow Rtdg: 1,311			Total (SCF): 35,410,200			Total Run Time (hrs): 447.2			Average Flow Rate per Minute (SCFM): 1,320	
Average Daily Flow (SCF/Day):			1,142,265			Percent Run Time			60.1%	

PELHAM BAY LANDFILL
Table 1: LANDFILL GAS MANAGEMENT SYSTEM
Month: SEPTEMBER 2011

		FLARE		BLOWERS		COMMENTS	TECH
Date	Time	Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes) Blower No. 1 Blower No. 2	Run Time (Hours)	
Thursday	1 6:33	1,345	225,3557	1,961,400	31270.4 78224.5	24.5	JM
Friday	2 7:04	1,334	227,3171	1,879,948	31270.4 79695.1	24	JM
Weekend	3			1,879,948		24	
Monday	4			1,879,948		24	
Monday	5			1,458,657		18.6	
Tuesday	6 6:18	1,250	234,4156	761,000	31270.4 85132.4	9.6	JM
Wednesday	7 6:52		235,1766	1,200	31270.4 85705.7	0.0	JM
Thursday	8 7:55		235,1778	1,356,100	31270.4 85706.3	17.7	JM
Friday	9 6:35	1,255	236,5339	138,100	31270.4 86768.4	1.8	JM
Weekend	10			0		0.0	
Monday	11			0		0.0	
Monday	12 6:35	1,350	236,6720	598,000	31270.4 86877.6	8.0	JM
Tuesday	13 6:46	1,320	237,2700	539,200	31270.4 87356.8	7.4	JM
Wednesday	14 6:37	1,280	237,8092	665,600	31270.4 87797.9	9.0	JM
Thursday	15 6:18	1,280	238,4748	565,100	31270.4 88336.9	7.6	JM
Friday	16 7:03	1,290	239,0399	616,600	31270.4 88792.9	8.0	JM
Weekend	17			0		0.0	
Monday	18			0		0.0	
Monday	19 6:32		239,6565	0	31270.4 89272.2	10.0	JM
Tuesday	20 6:39		239,6565	171,500	31270.4 89272.2	2.3	JM
Wednesday	21 6:30	1,280	239,8280	564,500	31270.4 89409.9	7.7	JM
Thursday	22 8:00	1,290	240,3925	378,300	31270.4 89871.7	7.9	JM
Friday	23 6:37	1,270	240,7708	376,000	31270.4 90346.1	2.2	JM
Weekend	24			0		0.0	
Weekend	25			0		0.0	
Monday	26 6:33	1,330	241,1468	576,900	31270.4 90476.5	7.6	JM
Tuesday	27 6:51	1,300	241,7237	586,700	31270.4 90931.2	7.6	JM
Wednesday	28 6:34	1,320	242,3104	555,400	31270.4 91387.7	7.2	JM
Thursday	29 6:53	1,350	242,8658	633,200	31270.4 91817.6	8.1	JM
Friday	30 7:06	1,300	243,4990	471,900	31270.4 92305.7	6.2	JM
3-Oct	6:16	1,300	243,9709		31270.4 92676.8		
AVG. Inst. Flow Rndg: 1,303		Total (SCF): 18,615,200		Total Run Time (hrs): 250.9			
Average Daily Flow (SCF/Day):		620,507		Percent Run Time		34.8%	Average Flow Rate per Minute (SCFM): 1,237

PELHAM BAY LANDFILL

Table 1: LANDFILL GAS MANAGEMENT SYSTEM

Month: APRIL 2011

		FLARE		BLOWERS			COMMENTS	TECH
Date	Time	Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes)	Run Time (Hours)		
Friday	1 6:29	1,350	75,5072	589,800	5665.3	28562.3	7.6	JM
Weekend	2							
Weekend	3							
Monday	4 6:30	1,295	76,0970	560,000	6122.3	28562.3	7.4	JM
Tuesday	5 6:07	1,300	76,8570	695,200	6564.2	28562.3	9.3	JM
Wednesday	6 7:50	1,297	77,3522	534,300	7121.5	28562.3	6.7	JM
Thursday	7 6:40	1,320	77,8865	608,800	7522.7	28562.3	8.0	JM
Friday	8 7:12	1,322	78,4563	591,100	8003.1	28562.3	7.8	JM
Weekend	9							
Weekend	10							
Monday	11 7:25	1,330	79,0864	585,700	8468.3	28562.3	7.6	JM
Tuesday	12 6:38	1,270	79,6721	548,900	8925.6	28562.3	7.6	JM
Wednesday	13 6:45	1,350	80,2210	353,700	9381.6	28562.3	4.4	JM
Thursday	14 11:20	1,300	80,5747	166,400	9646.5	28562.3	1.9	JM
Friday	15							
Weekend	16							
Weekend	17							
Monday	18							
Tuesday	19							
Wednesday	20							
Thursday	21							
Friday	22							
Weekend	23							
Weekend	24							
Monday	25 13:40	1,430	80,7411	92,200	9763.2	28562.3	1.1	JM
Tuesday	26 6:11	1,350	80,8333	606,400	9828.1	28562.3	7.9	JM
Wednesday	27 6:15	1,320	81,4397	586,100	10289.6	28562.3	7.8	JM
Thursday	28 6:19	1,340	82,0258	452,400	10768.1	28562.3	5.8	JM
Friday	29 6:33	1,360	82,4782	582,700	11116.5	28562.3	7.7	JM
Weekend	30							
Weekend	1							
2-May	7:49	1,280	83,0809		11680.4	28562.3		JM
AVG. Inst. Flow Rdn: 1,325.9		Total (SCF): 7,553,700		Total Run Time (hrs): 98.6				
Average Daily Flow (SCF/Day): 503,580		Percent Run Time 13.7%		Average Flow Rate per Minute (SCFM): 1,277				

4/13/11 - Reading taken at 11:20 AM. The Flare was shut down at this time for repairs.

4/25/11 - Flare was restarted upon stack insulation job completion.

PELHAM BAY LANDFILL
Table 1: LANDFILL GAS MANAGEMENT SYSTEM

Month: May 2011

FLARE										BLOWERS				COMMENTS	TECH
Date	Time	Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes)		Run Time (Hours)								
					Blower No. 1	Blower No. 2									
Weekend	1														
Monday	2	7:49	1,280	83,0609	501,700	11580.4	28562.3	6.6						JM	
Tuesday	3	7:24	1,290	83,5626	729,500	11979.2	28562.3	9.6						JM	
Wednesday	4	8:08	1,270	84,2921	741,500	12558.1	28562.3	10.0						JM	
Thursday	5	10:14	1,230	85,0336	563,200	13158.7	28562.3	7.7						JM	
Friday	6	8:49	1,310	85,5968	428,400	13619.1	28562.3	5.5						JM	
Weekend	7														
	8														
Monday	9	6:34	1,336	86,0252	617,700	13948.7	28562.3	8.1						JM	
Tuesday	10	6:24	1,340	86,6429	806,200	14436.1	28562.3	10.9						JM	
Wednesday	11	10:01	1,222	87,4491	512,500	15089.8	28562.3	7.2						JM	
Thursday	12	6:47	1,250	87,9616	180,500	15521	28562.3	2.4				AXD serviced demister.		JM	
Friday	13	8:24	1,235	88,1421	341,700	15665	28562.3	4.7						RK	
Weekend	14														
	15														
Monday	16	6:50	1,240	88,4838	66,900	15947.3	28562.3	0.9				Valve replacement.		JM	
Tuesday	17	7:50	1,260	88,5507	480,700	16002.8	28562.3	6.5						JM	
Wednesday	18	7:09	1,220	89,0314	453,400	16393.1	28562.3	6.2						JM	
Thursday	19	6:50	1,310	89,4848	693,700	16765.4	28562.3	9.3						JM	
Friday	20	8:24	1,266	90,1785	418,100	17320.6	28562.3	5.6						JM	
Weekend	21														
	22														
Monday	23	6:51	off	90,5966	41,900	17656.5	28562.3	0.6				Pilot failure.		JM	
Tuesday	24	6:57	1,289	90,6385	535,800	17689.6	28562.9	7.2						JM	
Wednesday	25	6:25	1,300	91,1743	620,500	18120.3	28562.9	8.2						JM	
Thursday	26	6:29	1,348	91,7948	603,700	18610.1	28562.9	7.9						JM	
Friday	27	5:58	1,307	92,3985	564,000	19086.2	28562.9	7.5						JM	
Weekend	28														
	29														
Monday	30												HOLIDAY		
Tuesday	31	5:49	1,300	92,9625	626,200	19535.6	28562.9	8.3						JM	
1-Jun	7:55	1,268	93,5887			20032.2	28562.9							JM	
AVG. Inst. Flow Rndg: 1,280.2		Total (SCF): 10,527,800			Total Run Time (hrs): 140.9										
Average Daily Flow (SCF/Day): 501,324					Percent Run Time			18.9%			Average Flow Rate per Minute (SCFM): 1,246				

Table 1: LANDFILL GAS MANAGEMENT SYSTEM

	Date	Time	FLARE			BLOWERS			COMMENTS	TECH
			Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes)		Run Time (Hours)		
						Blower No. 1	Blower No. 2			
Wednesday	1	7:55	1,268	93,5887	558,500	20032.2	28562.9	7.4		JM
Thursday	2	7:07	1,285	94,1472	570,100	20476.5	28562.9	7.7		KR
Friday	3	5:58	1,310	94,7173	562,900	20937.9	28562.9	7.2		JM
Weekend	4									
	5									
Monday	6	5:26	1,323	95,2802	595,600	21369.5	28562.9	7.9		JM
Tuesday	7	5:24	1,343	95,8758	617,500	21842.1	28562.9	8.1		JM
Wednesday	8	5:28	1,378	96,4933	773,900	22326.9	28562.9	10.2		JM
Thursday	9	6:58	1,280	97,2672	611,900	22937.3	28562.9	8.1		JM
Friday	10	6:02	1,350	97,8791	683,600	23425.9	28562.9	8.5		JM
Weekend	11									
	12									
Monday	13	5:59	1,291	98,5627	545,700	23938.3	28562.9	7.5		JM
Tuesday	14	5:45	1,298	99,1084	1,792,900	24385.6	28562.9	24.0		JM
Wednesday	15	5:48	1,259	100,9013	1,820,400	25824.5	28562.9	24.3		JM
Thursday	16	6:06	1,248	102,7217	593,100	27282.5	28562.9	8.0		JM
Friday	17	6:56	1,330	103,3148	454,400	27760.1	28562.9	5.9		JM
Weekend	18									
	19									
Monday	20	6:10	1,300	103,7692	516,500	28117	28562.9	7.0		JM
Tuesday	21	5:44	1,280	104,2857	564,800	28537.1	28562.9	7.7		JM
Wednesday	22	5:33	1,280	104,8505	588,600	29000.3	28562.9	6.8		JM
Thursday	23	5:49	1,250	105,4391	554,800	29408.3	28562.9	8.7		JM
Friday	24	5:38	1,290	105,9939	566,400	29930.4	28562.9	7.7		JM
Weekend	25									
	26									
Monday	27	6:35	1,240	106,5603	523,200	30392.2	28562.9	7.2		JM
Tuesday	28	6:02	1,280	107,0835	606,400	30826.9	28562.9	8.3		JM
Wednesday	29	7:34	1,292	107,6899	578,200	31270.4	28616.4	7.6	switched to blower # 2	JM
Thursday	30	6:18	1,270	108,2681	594,400	31270.4	29074.3	7.8		JM
1-Jul		5:29	1,330	108,8625		31270.4	29544			JM
AVG. Inst. Flow Rtdg: 1,294.6			Total (SCF): 15,273,800		Total Run Time (hrs): 203.7					
Average Daily Flow (SCF/Day): 694,264			Percent Run Time 28.3%		Average Flow Rate per Minute (SCFM): 1,250					

	Date	Time	FLARE			BLOWERS			COMMENTS	TECH
			Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes)		Run Time (Hours)		
						Blower No. 1	Blower No. 2			
Wednesday	1	7:55	1,268	93,5887	558,500	20032.2	28562.9	7.4		JM
Thursday	2	7:07	1,285	94,1472	570,100	20476.5	28562.9	7.7		KR
Friday	3	5:58	1,310	94,7173	562,900	20937.9	28562.9	7.2		JM
Weekend	4									
	5									
Monday	6	5:26	1,323	95,2802	595,600	21369.5	28562.9	7.9		JM
Tuesday	7	5:24	1,343	95,8758	617,500	21842.1	28562.9	8.1		JM
Wednesday	8	5:28	1,378	96,4933	773,900	22326.9	28562.9	10.2		JM
Thursday	9	6:58	1,280	97,2672	611,900	22937.3	28562.9	8.1		JM
Friday	10	6:02	1,350	97,8791	683,600	23425.9	28562.9	8.5		JM
Weekend	11									
	12									
Monday	13	5:59	1,291	98,5627	545,700	23938.3	28562.9	7.5		JM
Tuesday	14	5:45	1,298	99,1084	1,792,900	24385.6	28562.9	24.0		JM
Wednesday	15	5:48	1,259	100,9013	1,820,400	25824.5	28562.9	24.3		JM
Thursday	16	6:06	1,248	102,7217	593,100	27282.5	28562.9	8.0		JM
Friday	17	6:56	1,330	103,3148	454,400	27760.1	28562.9	5.9		JM
Weekend	18									
	19									
Monday	20	6:10	1,300	103,7692	516,500	28117	28562.9	7.0		JM
Tuesday	21	5:44	1,280	104,2857	564,800	28537.1	28562.9	7.7		JM
Wednesday	22	5:33	1,280	104,8505	588,600	29000.3	28562.9	6.8		JM
Thursday	23	5:49	1,250	105,4391	554,800	29408.3	28562.9	8.7		JM
Friday	24	5:38	1,290	105,9939	566,400	29930.4	28562.9	7.7		JM
Weekend	25									
	26									
Monday	27	6:35	1,240	106,5603	523,200	30392.2	28562.9	7.2		JM
Tuesday	28	6:02	1,280	107,0835	606,400	30826.9	28562.9	8.3		JM
Wednesday	29	7:34	1,292	107,6899	578,200	31270.4	28616.4	7.6	switched to blower # 2	JM
Thursday	30	6:18	1,270	108,2681	594,400	31270.4	29074.3	7.8		JM
1-Jul		5:29	1,330	108,8625		31270.4	29544			JM
AVG. Inst. Flow Rtdg: 1,294.6			Total (SCF): 15,273,800		Total Run Time (hrs): 203.7					
Average Daily Flow (SCF/Day): 694,264			Percent Run Time 28.3%		Average Flow Rate per Minute (SCFM): 1,250					

PELHAM BAY LANDFILL

Table 1: LANDFILL GAS MANAGEMENT SYSTEM

Month: October 2011

		FLARE			BLOWERS			COMMENTS	TECH
Date	Time	Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes)		Run Time (Hours)		
					Blower No. 1	Blower No. 2			
30-Sep	7:06		243,4990	471,900	31270.4	92305.7	6.2		
Weekend	1			0			0.0		JM
	2			0			0.0		
Monday	3	6:16	1,300	243,9709	725,100	31270.4	92676.8	9.3	JM
Tuesday	4	6:11	1,280	244,6960	621,700	31270.4	93236.7	7.9	JM
Wednesday	5	5:41	1,320	245,3177	723,600	31270.4	93712.6	9.4	JM
Thursday	6	7:35	-		0			0.0	10/6/11 through 10/11/11, the flare was out
Friday	7	6:20	-		0			0.0	of service due to temperature control and
Weekend	8				0			0.0	ignition problems.
	9				0			0.0	
Monday	10	8:05	-		0			0.0	
Tuesday	11	8:34	-	246,0413	121,100	31270.4	94274.3	1.7	JM
Wednesday	12	8:49	1,122	246,1624	297,300	31270.4	94376.6	4.4	JM
Thursday	13	7:05	1,300	246,4597	1,534,400	31270.4	94638.9	19.3	JM
Friday	14	6:17	1,269	247,9941	528,200	31270.4	95798.2	7.6	RK
Weekend	15				0			0.0	JM
	16				0			0.0	
Monday	17	6:10	1,290	248,5223	504,400	31270.4	96255.1	6.6	
Tuesday	18	6:27		249,0267	415,200	31270.4	96648.4	5.4	JM
Wednesday	19	7:28	-	249,4419	0	31270.4	96974.8	0.0	10/19/11 - No ignition
Thursday	20	6:29	-	249,4419	100	31270.4	96974.8	0.0	10/20/11 - Continued ignition problems.
Friday	21	5:52	1,285	249,4420	254,300	31270.4	96974.8	3.3	JM
Weekend	22				0			0.0	JM
	23				0			0.0	JM
Monday	24	6:31	1,280	249,6963	540,900	31270.4	97170.6	7.4	
Tuesday	25	6:49	1,310	250,2372	558,300	31270.4	97611.8	7.4	JM
Wednesday	26	6:40	1,360	250,7955	1,722,400	31270.4	98056.2	23.5	JM
Thursday	27	6:39	1,180	252,5179	547,900	31270.4	99464.1	7.7	JM
Friday	28	6:27	-	253,0658	19,100	31270.4	99927.1	0.2	JM
Weekend	29				0			0.0	
	30				0			0.0	JM
Monday	31	8:18	-	253,0849	0	31270.4	99941.2	0.0	
1-Nov	6:19		253,0849			31270.4	99941.2		JM
AVG. Inst. Flow Rdn: 1,275		Total (SCF): 9,114,000		Total Run Time (hrs): 121.1		Average Flow Rate per Minute (SCFM): 1,255			
Average Daily Flow (SCF/Day): 294,000		Percent Run Time		16.3%		Average Flow Rate per Minute (SCFM): 1,255			

PELHAM BAY LANDFILL

Table 1: LANDFILL GAS MANAGEMENT SYSTEM

Month: NOVEMBER 2011

		FLARE		BLOWERS			COMMENTS	TECH
Date	Time	Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes) Blower No. 1	Blower No. 2	Run Time (Hours)	
Tuesday	1 6:19	off	253.0849	0	31270.4	99941.2	0.0	JM
Wednesday	2 8:23	off	253.0849	24,900	31270.4	99941.2	0.3	JM
Thursday	3 8:45	1,300	253.1098	1,627,400	31270.4	99959.6	22.2	JM
Friday	4 6:54	1,180	254.7372	613,900	31270.4	101289.8	8.5	JM
Weekend	5			0			0.0	
Monday	6 6:42	1,300	255.3511	544,700	31270.4	101800.8	7.3	JM
Tuesday	7 8	-		0			0.0	
Wednesday	8 8:51	1,250	255.8958	1,677,900	31270.4	102238.3	22.7	JM
Thursday	9 7:38	1,200	257.5737	1,847,300	31270.4	103601.2	25.6	JM
Friday	10 9:12	1,198	259.4210	354,000	31270.4	105135.6	5.0	JM
Weekend	11 12			0			0.0	JM
Monday	12 13			0			0.0	
Tuesday	13 6:43	1,250	259.7750	1,806,900	31270.4	105433.4	25.0	JM
Wednesday	14 7:52	1,183	261.5819	464,000	31270.4	106932.7	6.6	JM
Thursday	15 6:59	1,220	262.0459	1,777,500	31270.4	107326.2	24.7	JM
Friday	16 7:43	1,185	263.8234	423,700	31270.4	108810.2	6.0	JM
Weekend	17 18	6:58	264.2471	13,000	31270.4	109168.8	0.1	JM
Monday	18 19			0			0.0	
Tuesday	19 20			0			0.0	
Wednesday	20 6:46	1,190	264.2601	568,300	31270.4	109174.1	7.0	JM
Thursday	21 6:10	1,210	264.8284	565,800	31270.4		7.0	JM
Friday	22 7:14		265.3942	18,700	31270.4		0.0	JM
Weekend	23 24			0			0.0	
Monday	24 6:28	1,240	265.4129	510,700	31270.4	14.7	7.1	JM
Tuesday	25 26			0			0.0	
Wednesday	26 27			0			0.0	
Thursday	27 7:30	1,250	265.9236	1,726,400	31270.4	441.9	24.2	
Friday	28 7:48	1,160	267.6500	1,607,100	31270.4	1891.9	23.2	
Weekend	29 6:54	1,136	269.2571	543,700	31270.4	3282.3	8.0	
Monday	30 7:23		269.8008		31270.4	3760.6		JM
Average (SCFM):		1,216	Total (SCF):	16,715,900	Total Run Time (hrs):	230.3		
Average Daily Flow (SCF/Day):		576,410	Percent Run Time	32.0%	Average Flow Rate per Minute (SCFM):	1,210		
				879,784				

PELHAM BAY LANDFILL

Table 1: LANDFILL GAS MANAGEMENT SYSTEM

Month: DECEMBER 2011

FLARE				BLOWERS			COMMENTS	TECH	
Date	Time	Instant Flow (SCFM)	TOTALIZER (MSCF)	Daily Flow (SCF)	Elapsed Time (Minutes)				Run Time (Hours)
					Blower No. 1	Blower No. 2			
Thursday	1 7:23		269,8008	10,000	31270.4	3760.6	0.1	JM	
Friday	2 6:05		269,8108	7,600	31270.4	3768.9	0.1	JM	
Weekend	3			0			0.0		
	4			0			0.0		
Monday	5 6:37	1,280	269,8184	1,489,400	31270.4	3774.6	20.1	JM	
Tuesday	6 7:33	1,200	271,3078	1,812,800	31270.4	4980.5	25.1	JM	
Wednesday	7 8:42	1,180	273,1206	2,716,600	31270.4	6488.8	21.6	JM	
Thursday	8 6:17	1,088	275,8372	2,100	31270.4	7783.7	0.0	JM	
Friday	9 8:10		275,8393	0	31270.4	7786.3	0.0	JM	
Weekend	10			0			0.0		
	11			0			0.0		
Monday	12 8:47		275,8393	414,900	31270.4	7786.3	5.9	JM	
Tuesday	13 6:26	1,180	276,2542	1,457,200	31620.5	7787.5	20.7	JM	
Wednesday	14 5:58	1,180	277,7114	1,768,600	32861.0	7787.5	25.2	JM	
Thursday	15 7:09	1,175	279,4800	1,563,500	34372.2	7787.5	22.9	JM	
Friday	16 6:04	1,150	281,0435	529,000	35747.1	7787.5	7.7	JM	
Weekend	17			0			0.0		
	18			0			0.0		
Monday	19 7:01	1,160	281,5725	1,248,500	36206.5	7787.5	18.5	JM	
Tuesday	20 6:10	1,111	282,8210	515,300	37318.6	7787.5	7.5	JM	
Wednesday	21 6:45	1,120	283,3363	1,283,900	37771.3	7787.5	18.8	JM	
Thursday	22 6:26	1,163	284,6202	352,400	38900.8	7787.5	5.1	JM	
Friday	23 7:48	1,200	284,9726	375,300	39206.7	7787.5	5.3	JM	
Weekend	24			0			0.0		
	25			0			0.0		
Monday	26			0			0.0		
Tuesday	27 8:37	1,280	285,3479	2,283,400	39524.9	7787.5	20.9	JM	
Wednesday	28 5:33	1,270	287,6313	12,100	40779.7	7787.5	0.2	JM	
Thursday	29 10:57		287,6434	600	40789.6	7787.5	0.0	JM	
Friday	30 6:42	1,230	287,6440	488,000	40789.9	7787.5	6.5	JM	
Saturday	31			0			0.0		
3-Jan	6:53	1,240	288,1320		41177.3	7787.5			
		1,185	Total (SCF):	18,331,200	Total Run Time (hrs):	232.2			
		Average Daily Flow (SCF/Day):		591,329	Percent Run Time	31.2%	Average Flow Rate per Minute (SCFM): 1,316		

Appendix C

Groundwater/Leachate Systems Inspections

Month: JANUARY 2011

[illegible]

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

DATE: 1/28/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-3				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	844.5		2855.0		5972.9.7		35605.2		95457.1		53826.8	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

446720

x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

164660

P-2

22748.6

5. Lift Station No. 1

A. Flow from Curtain Drain	<u>LOW</u>	NORMAL	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>10381.6</u>			
P-2	<u>5735.1</u>			

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>15.5</u>			
P-2	<u>2717.5</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>2325.6</u>			
P-2	<u>3375.8</u>			

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. <u>2</u>	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 1/26/10

INSPECTED BY: jm

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	<u>OFF</u>	<u>AUTO</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	<u>OVERFLOW</u>
E. Leak in Manifold Piping	YES	<u>NO</u>	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>	<u>NO</u>
F. Elapsed Time Meter	879.4		21855.0		54708.7		35392.6		95416.7		53825.8	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

44602.6 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

60461.2

P-2

22748.1

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>	<u>NO</u>	E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	<u>Leak</u>
C. Alarm indicator Lights	YES	<u>NO</u>	<u>NO</u>				

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>1083.5</u>			
P-2	<u>5735.1</u>			

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level.	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	<u>NO</u>
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>13.5</u>			
P-2	<u>2115.9</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	<u>NO</u>
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>2325.1</u>			
P-2	<u>2345.6</u>			

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	<u>NO</u>
Lift Station No. 2	<u>YES</u>	<u>NO</u>
Decontamination Sump	<u>YES</u>	<u>NO</u>
Storage Containment Sump	<u>YES</u>	<u>NO</u>
Site Lighting	<u>YES</u>	<u>NO</u>

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 11/21/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
B. Running Light On	YES	(NO)	YES	(NO)	YES	(NO)	YES	(NO)	YES	(NO)	YES	(NO)
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	HIGH	LOW	OVERFLOW		HIGH	LOW	OVERFLOW		HIGH	LOW	OVERFLOW	
E. Leak in Manifold Piping	YES		(NO)		YES		(NO)		YES		(NO)	
F. Elapsed Time Meter	784.5		21855.0		59666.4		35548.7		95208.1		53846.8	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES (NO)

3. D-1 Force Main Totalizer 61434.6 x 100 = 6143.46 D-1 Force Main Pressure

4. Decon. Pumps (ETM) P-1 6045.27 P-2 22778.6

5. Lift Station No. 1

A. Flow from Curtain Drain (LOW) NORMAL HIGH D. Check liquid level in sump (LOW) HIGH OTHER
B. Are Sump Pumps Operating YES (NO) E. Check for leak in manifold leachate piping (Checked) No Leak Leak
C. Alarm indicator Lights YES (NO)

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>108.61</u>			
P-2	<u>573.1</u>			

6. Lift Station No. 2

A. Settlement along buried section of force main YES (NO) E. Check liquid level around stop planks. Is the level (LOW) HIGH OTHER
B. Are sump pumps operating? YES (NO) F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate? YES (NO)
C. Are the alarms or indicator lights on? YES (NO) G. Check if a pump is out of service Pump 1 Pump 2
D. Any leaks in the manifold discharge piping YES (NO)

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>16.8</u>			
P-2	<u>2715.7</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes NORMAL HIGH D. Check liquid level in sump (LOW) HIGH OTHER
B. Are sump pumps operating YES (NO) E. Is there any leak in the storage tanks and manifold discharge piping YES (NO)
C. Alarm indicator Lights YES (NO) F. Check if a pump is out of service Pump 1 Pump 2

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>332.1</u>			
P-2	<u>2395.5</u>			

8. Carbon Adsorption System

A. Air Compressors ON YES (NO) BLOWER No. 1 (ETM) 21542.1
B. Activated carbon canisters operating (On Line) YES NO BLOWER No. 2 (ETM)

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1 YES (NO)
B. Settlement along alignment of force main to Burr Avenue manhole YES (NO)

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1 YES NO
Lift Station No. 2 YES NO
Decontamination Sump YES NO
Storage Containment Sump YES NO
Site Lighting YES NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 1/19/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
B. Running Light On	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	HIGH		LOW		HIGH		LOW		HIGH		LOW	
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO	
F. Elapsed Time Meter	758.1		21552.4		59646.9		35576.3		95246.4		53826.8	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES ☒ NO ☐

3. D-1 Force Main Totalizer 1247-706 x 100 = 124770.6 D-1 Force Main Pressure

4. Decon. Pumps (ETM) P-1 1004 33.8 P-2 22-795.6

5. Lift Station No. 1

A. Flow from Curtain Drain ☒ LOW ☐ NORMAL ☐ HIGH D. Check liquid level in sump ☒ LOW ☐ HIGH ☐ OTHER
B. Are Sump Pumps Operating YES ☒ NO ☐ E. Check for leak in manifold leachate piping ☒ Checked ☐ No Leak ☐ Leak
C. Alarm indicator Lights YES ☒ NO ☐

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	1035 7.0			
P-2	5795.1			

6. Lift Station No. 2

A. Settlement along buried section of force main YES ☒ NO ☐ E. Check liquid level around stop planks. Is the level, ☒ LOW ☐ HIGH ☐ OTHER
B. Are sump pumps operating? YES ☒ NO ☐ F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate? YES ☐ NO ☒
C. Are the alarms or indicator lights on? YES ☒ NO ☐ G. Check if a pump is out of service
D. Any leaks in the manifold discharge piping YES ☒ NO ☐

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Pump 1	Pump 2
P-1	16.0				
P-2	2714.3				

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes ☒ NORMAL ☐ HIGH D. Check liquid level in sump ☒ LOW ☐ HIGH ☐ OTHER
B. Are sump pumps operating YES ☒ NO ☐ E. Is there any leak in the storage tanks and manifold discharge piping YES ☐ NO ☒
C. Alarm indicator Lights YES ☒ NO ☐ F. Check if a pump is out of service
D. Any leaks in the manifold discharge piping YES ☒ NO ☐

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Pump 1	Pump 2
P-1	2537-2.6				
P-2	3345.8				

8. Carbon Adsorption System

A. Air Compressors ON YES ☒ NO ☐ B. Activated carbon canisters operating (On Line) YES ☒ NO ☐
BLOWER No. 1 (ETM) 21342.1
BLOWER No. 2 (ETM)

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1 YES ☒ NO ☐
B. Settlement along alignment of force main to Burr Avenue manhole YES ☒ NO ☐

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:			
Lift Station No. 1	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
Lift Station No. 2	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
Decontamination Sump	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
Storage Containment Sump	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
Site Lighting	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 11/13/11

INSPECTED BY: *[Signature]*

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	(ON)	(OFF)	(ON)	(OFF)	(ON)	(OFF)	(ON)	(OFF)	(ON)	(OFF)	(ON)	(OFF)
B. Running Light On	YES	(NO)	YES	(NO)	YES	(NO)	YES	(NO)	YES	(NO)	YES	(NO)
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	HIGH	LOW	OVERFLOW	HIGH	LOW	OVERFLOW	HIGH	LOW	OVERFLOW	HIGH	LOW	OVERFLOW
E. Leak in Manifold Piping	YES	(NO)	YES	(NO)	YES	(NO)	YES	(NO)	YES	(NO)	YES	(NO)
F. Elapsed Time Meter	73.4	21832.2	59609.6	35452.0	95766.4	53526.8						

2. Down-gradient and Curtain Drain

3. D-1 Force Main Totalizer 44590 x 100 = 4459000 A. Is there settlement along alignment of down-gradient curtain drain YES (NO)

4. Decon. Pumps (ETM) P-1 6402.8 D-1 Force Main Pressure P-2 22798.6

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are Sump Pumps Operating	YES	(NO)	(NO)	E. Check for leak in manifold leachate piping	Checked	No Leak	Leak
C. Alarm indicator Lights	YES	(NO)	(NO)				

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

P-2

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	(NO)	E. Check liquid level around stop planks. Is the level,	LOW	HIGH	OTHER
B. Are sump pumps operating?	YES	(NO)	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	(NO)	(NO)
C. Are the alarms or indicator lights on?	YES	(NO)	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	(NO)				

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

P-2

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are sump pumps operating	YES	(NO)	E. Is there any leak in the storage tanks and manifold discharge piping	YES	(NO)	(NO)
C. Alarm indicator Lights	YES	(NO)	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

P-2

8. Carbon Adsorption System

A. Air Compressors ON	YES	(NO)	BLOWER No. 1 (ETM)	21542.1
B. Activated carbon canisters operating (On Line)	YES	(NO)	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	(NO)
B. Settlement along alignment of force main to Burr Avenue manhole	YES	(NO)

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	(YES)	NO
Lift Station No. 2	(YES)	NO
Decontamination Sump	(YES)	NO
Storage Containment Sump	(YES)	NO
Site Lighting	(YES)	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 11/11/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	AUTO	HAND	<input checked="" type="checkbox"/> OFF	AUTO	HAND	<input checked="" type="checkbox"/> OFF	AUTO	HAND	<input checked="" type="checkbox"/> OFF	AUTO
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	OVERFLOW	HIGH	<input checked="" type="checkbox"/> LOW	OVERFLOW	HIGH	<input checked="" type="checkbox"/> LOW	OVERFLOW	HIGH	<input checked="" type="checkbox"/> LOW	OVERFLOW
E. Leak in Manifold Piping	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO
F. Elapsed Time Meter	728.2	21522	17589.7	354753	45737.7	535268						

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES ☒ NO ☐

3. D-1 Force Main Totalizer

441873 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

10546.9

P-2

22748.5

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping	<input checked="" type="checkbox"/> Checked	No Leak	Leak
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO					
Pumps	Elapsed Time Meter			High Temp.	Seal Fail	Fault	
P-1	<u>10347.4</u>						
P-2	<u>8734.5</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are sump pumps operating?	YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<input checked="" type="checkbox"/> NO	
C. Are the alarms or indicator lights on?	YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<input checked="" type="checkbox"/> NO				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>15.2</u>					
P-2	<u>2714.3</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are sump pumps operating	YES	<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2322.3</u>					
P-2	<u>5315.8</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<input checked="" type="checkbox"/> YES	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="checkbox"/> NO
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="checkbox"/> NO

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<input checked="" type="checkbox"/> YES	NO
Lift Station No. 2	<input checked="" type="checkbox"/> YES	NO
Decontamination Sump	<input checked="" type="checkbox"/> YES	NO
Storage Containment Sump	<input checked="" type="checkbox"/> YES	NO
Site Lighting	<input checked="" type="checkbox"/> YES	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 1/7/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	<u>711.3</u>		<u>2852.2</u>		<u>59573.2</u>		<u>35446.5</u>		<u>95092.3</u>		<u>53826.8</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer 440209 x 100 = 44020.9 D-1 Force Main Pressure

4. Decon. Pumps (ETM) P-1 60347.2 P-2 12795.6

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>14537.8</u>						
P-2	<u>5744.3</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	there any signs of leachate?			
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>15.2</u>					
P-2	<u>2712.6</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2322.5</u>					
P-2	<u>2395.8</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21572.1</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 1/4/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>
E. Leak in Manifold Piping	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
F. Elapsed Time Meter	<u>697.5</u>		<u>21852.2</u>		<u>59560.8</u>		<u>35423.4</u>		<u>95036.9</u>		<u>53520.7</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer 439.97 x 100 = 43997 D-1 Force Main Pressure

4. Decon. Pumps (ETM) P-1 6124.7 P-2 22745.6

5. Lift Station No. 1

A. Flow from Curtain Drain LOW NORMAL HIGH D. Check liquid level in sump LOW HIGH OTHER
B. Are Sump Pumps Operating YES NO E. Check for leak in manifold leachate piping Checked No Leak Leak
C. Alarm indicator Lights YES NO

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>10232.7</u>			
P-2	<u>5734.5</u>			

6. Lift Station No. 2

A. Settlement along buried section of force main YES NO E. Check liquid level around stop planks. Is the level, LOW HIGH OTHER
B. Are sump pumps operating? YES NO F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate? YES NO
C. Are the alarms or indicator lights on? YES NO G. Check if a pump is out of service Pump 1 Pump 2
D. Any leaks in the manifold discharge piping YES NO

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>14.8</u>			
P-2	<u>5712.4</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes NORMAL HIGH D. Check liquid level in sump LOW HIGH OTHER
B. Are sump pumps operating? YES NO E. Is there any leak in the storage tanks and manifold discharge piping YES NO
C. Alarm indicator Lights YES NO F. Check if a pump is out of service Pump 1 Pump 2

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>2322.3</u>			
P-2	<u>2395.8</u>			

8. Carbon Adsorption System

A. Air Compressors ON YES NO BLOWER No. 1 (ETM) 21542.1
B. Activated carbon canisters operating (On Line) YES NO BLOWER No. 2 (ETM)

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1 YES NO
B. Settlement along alignment of force main to Burr Avenue manhole YES NO

10. MOTOR CONTROL CENTER (MCC)

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

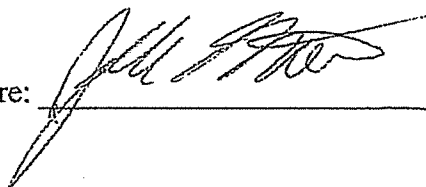
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

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

FORM DP-1
DESCRIPTION OF DEFICIENCIES AND PROBLEMS
GWL-1
Groundwater/Leachate Management System
PELHAM BAY LANDFILL, BRONX, NY
JANUARY 2011

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-1	DEP Dry Weather Bypass	False alarms being received by DEP-BWT requiring leachate discharge shutdown	Notified DEP of problem – waiting for response
GWL-1	Lift Station No. 2	ETM panel needs to be rewired due to rodent damage	Electrician rewired panel on 1/5/11
GWL-1	D-1 Motor Control Center	Cabinet door is broken and cabinet supports are rotted	Replace cabinet and supports
GWL-1	Tank Farm	One of the heat tracing lines tested with no power	Further investigate by electrician.

INSPECTED BY: JM

Signature: 

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

JANUARY 2011

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	OK	OK	OK	OK	OK	OK	OK	OK	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	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

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	OK	-	OK	OK	OK	OK	OK	-	-
2	Silt Accumulation	OK	OK	OK	-	OK	OK	OK	OK	OK	-	-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	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	-	-
6	Flow into manhole or sump	OK	OK	OK	-	OK	OK	OK	OK	OK	-	-

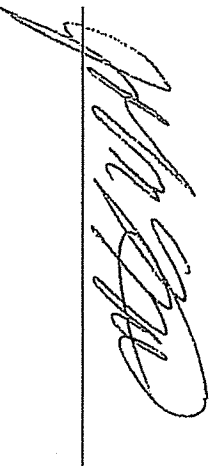
Notes:

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

DATE: 1/3/11

Tech: John Matthews

Signature: _____



**PELHAM BAY LANDFILL
BI-WEEKLY INSPECTION
Month: FEBRUARY 2011**

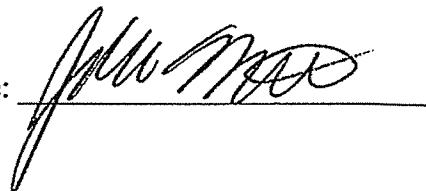
DATE	P.S. - D1 to WWTP Totalizer Reading (100. gals)	Downgradient Collection Sumps										Remarks and Deficiencies				
		ELAPSED TIME METER READINGS (Minutes)						ELAPSED TIME METER READINGS (Hours)								
		Decon Pumps		D-8		D-10		D-1		Lift Sta. No. 1	Lift Sta. No. 2		Leachate Storage Containment Sump			
		Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2		Pump-1	Pump-2		
1-Feb	447712	60472.3	22798.6	59761.2	35628.3	95520.2	53826.8	865.6	21855.0	10886.2	5735.1	20.1	2717.5	2325.1	3395.8	
3-Feb	448250	60491.4	22798.6	59761.2	35628.3	95520.2	53826.8	876.4	21855.0	10897.3	5735.1	20.1	2717.5	2325.2	3395.8	
7-Feb	449633	60512.6	22798.6	59828.6	35682.2	95550.9	53826.8	904.7	21855.0	10904.8	5735.1	20.1	2719.1	2325.2	3395.8	
11-Feb	451687	60547.9	22798.9	59947.6	35697.9	95796.2	53827.4	907.7	21855.0	10925.4	5735.1	21.7	2720.8	2325.3	3395.8	
15-Feb	453472	60572.7	22798.9	60039.9	35697.9	95896.7	53827.4	907.7	21855.0	10940.3	5735.1	23.2	2720.8	2325.3	3395.8	
17-Feb	454400	60582.3	22798.9	60092.6	35697.9	95954.5	53827.4	907.7	21855.0	10948.7	5735.1	23.2	2722.4	2325.4	3395.8	
22-Feb	457003	60623.1	22798.9	60262.4	35697.9	96144.3	53827.4	907.7	21855.0	10970.6	5735.1	24.8	2724.1	2325.5	3395.8	
24-Feb	457875	60629.5	22798.9	60309.2	35697.9	96196.9	53827.4	907.7	21855.0	10974.2	5735.1	26.5	2724.1	2325.5	3395.8	

FORM DP-1
DESCRIPTION OF DEFICIENCIES AND PROBLEMS
GWL-1
Groundwater/Leachate Management System
PELHAM BAY LANDFILL, BRONX, NY
FEBRUARY 2011

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-1	DEP Dry Weather Bypass	False alarms being received by DEP-BWT requiring leachate discharge shutdown	Notified DEP of problem – waiting for response
GWL-1	D-1 PUMP#1 ETM	ETM not working	Replace meter being scheduled
GWL-1	D-1 Motor Control Center	Cabinet door is broken and cabinet supports are rotted	Repaired cabinet door on 2/9/11. Support repair work being scheduled
GWL-1	Tank Farm	One of the heat tracing lines tested with no power	Further investigate by electrician.
GWL-1	D-1	Lag and high level floats not functioning	Replace floats, being scheduled
GWL-1	Tank Farm	Site glass level indicators not functioning	Replace indicators, pending DEP approval

INSPECTED BY: **JM**

Signature: _____



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

DATE: 2/1/11

INSPECTED BY: Jm

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> LOW
E. Leak in Manifold Piping	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO
F. Elapsed Time Meter	865.6		21855.0		59761.2		35628.3		95520.2		53826.8	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES ☐ NO ☒

3. D-1 Force Main Totalizer

447712 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

60472.3

P-2

22798.6

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping	<input checked="" type="checkbox"/> Checked	<input checked="" type="checkbox"/> No Leak	Leak
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>108861.2</u>						
P-2	<u>5735.1</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are sump pumps operating?	YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<input checked="" type="checkbox"/> NO	
C. Are the alarms or indicator lights on?	YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<input checked="" type="checkbox"/> NO				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>20.1</u>					
P-2	<u>2717.5</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are sump pumps operating	YES	<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2325.1</u>					
P-2	<u>3395.8</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<input checked="" type="checkbox"/> YES	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="checkbox"/> NO
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="checkbox"/> NO

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<input checked="" type="checkbox"/> YES	NO
Lift Station No. 2	<input checked="" type="checkbox"/> YES	NO
Decontamination Sump	<input checked="" type="checkbox"/> YES	NO
Storage Containment Sump	<input checked="" type="checkbox"/> YES	NO
Site Lighting	<input checked="" type="checkbox"/> YES	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 2/3/11

INSPECTED BY: KR

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	
B. Running Light On	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	
C. Selector Switch Position	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	
D. Liquid Level in Sump	HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW		
E. Leak in Manifold Piping	YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		
F. Elapsed Time Meter	876.4		218550		59761.2		35628.3		93520.2		58826.8		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	<input checked="" type="radio"/> NO
3. D-1 Force Main Totalizer <u>448250</u> x 100 = <u>44825</u>													
4. Decon. Pumps (ETM)													
P-1				<u>60491.4</u>				P-2				<u>22798.6</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	<input checked="" type="radio"/> LOW	<input type="radio"/> NORMAL	<input type="radio"/> HIGH	D. Check liquid level in sump				<input checked="" type="radio"/> LOW	<input type="radio"/> HIGH	<input type="radio"/> OTHER			
B. Are Sump Pumps Operating	YES		<input checked="" type="radio"/> NO		E. Check for leak in manifold leachate piping				<input checked="" type="radio"/> Checked	<input type="radio"/> No Leak		<input type="radio"/> Leak	
C. Alarm indicator Lights	YES		<input checked="" type="radio"/> NO										
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>10897.3</u>											
P-2		<u>5735.1</u>											
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES	<input checked="" type="radio"/> NO		E. Check liquid level around stop planks. Is the level,				<input checked="" type="radio"/> LOW	<input type="radio"/> HIGH	<input type="radio"/> OTHER			
B. Are sump pumps operating?	YES	<input checked="" type="radio"/> NO		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES		<input checked="" type="radio"/> NO			
C. Are the alarms or indicator lights on?	YES	<input checked="" type="radio"/> NO		G. Check if a pump is out of service				Pump 1		Pump 2			
D. Any leaks in the manifold discharge piping	YES	<input checked="" type="radio"/> NO											
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>201</u>											
P-2		<u>2717.5</u>											
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<input checked="" type="radio"/> NORMAL		<input type="radio"/> HIGH		D. Check liquid level in sump				<input checked="" type="radio"/> LOW	<input type="radio"/> HIGH	<input type="radio"/> OTHER		
B. Are sump pumps operating	YES		<input checked="" type="radio"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping				YES		<input checked="" type="radio"/> NO		
C. Alarm indicator Lights	YES		<input checked="" type="radio"/> NO		F. Check if a pump is out of service				Pump 1		Pump 2		
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>2325.2</u>											
P-2		<u>3396.8</u>											
8. Carbon Adsorption System													
A. Air Compressors ON	YES		<input checked="" type="radio"/> NO		BLOWER No. 1 (ETM)				<u>2154.2</u>				
B. Activated carbon canisters operating (On Line)	YES		NO		BLOWER No. 2 (ETM)								
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES		<input checked="" type="radio"/> NO										
B. Settlement along alignment of force main to Burr Avenue manhole	YES		<input checked="" type="radio"/> NO										
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<input checked="" type="radio"/> YES		NO										
Lift Station No. 2	<input checked="" type="radio"/> YES		NO										
Decontamination Sump	<input checked="" type="radio"/> YES		NO										
Storage Containment Sump	<input checked="" type="radio"/> YES		NO										
Site Lighting	<input checked="" type="radio"/> YES		NO										

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 2/7/11

INSPECTED BY: Ray

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF			
B. Running Light On	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO			
C. Selector Switch Position	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO			
D. Liquid Level in Sump	HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW				
E. Leak in Manifold Piping	YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO				
F. Elapsed Time Meter	904.7		21855.0		59828.6		35682.2		95650.9		53826.5				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain										YES <input type="radio"/> NO <input checked="" type="radio"/>					
3. D-1 Force Main Totalizer <u>449633</u> x 100 = <u>44963.3</u> D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				<u>60572.6</u>				P-2				<u>22788.6</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain	LOW	<input checked="" type="radio"/> NORMAL	HIGH		D. Check liquid level in sump	<input checked="" type="radio"/> LOW		HIGH		OTHER					
B. Are Sump Pumps Operating	YES		<input checked="" type="radio"/> NO		E. Check for leak in manifold leachate piping	Checked		<input checked="" type="radio"/> No Leak		Leak					
C. Alarm indicator Lights	YES		<input checked="" type="radio"/> NO												
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>10904.8</u>													
P-2		<u>5735.1</u>													
6. Lift Station No. 2															
A. Settlement along buried section of force main	YES	<input checked="" type="radio"/> NO		E. Check liquid level around stop planks. Is the level,	<input checked="" type="radio"/> LOW		HIGH		OTHER						
B. Are sump pumps operating?	YES	<input checked="" type="radio"/> NO		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES		<input checked="" type="radio"/> NO								
C. Are the alarms or indicator lights on?	YES	<input checked="" type="radio"/> NO		G. Check if a pump is out of service	Pump 1		Pump 2								
D. Any leaks in the manifold discharge piping	YES	<input checked="" type="radio"/> NO													
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>20.1</u>													
P-2		<u>2719.1</u>													
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes	<input checked="" type="radio"/> NORMAL		HIGH		D. Check liquid level in sump	<input checked="" type="radio"/> LOW		HIGH		OTHER					
B. Are sump pumps operating	YES		<input checked="" type="radio"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping	YES		<input checked="" type="radio"/> NO							
C. Alarm indicator Lights	YES		<input checked="" type="radio"/> NO		F. Check if a pump is out of service	Pump 1		Pump 2							
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>2325.7</u>													
P-2		<u>3395.8</u>													
8. Carbon Adsorption System															
A. Air Compressors ON	YES	<input checked="" type="radio"/> NO		BLOWER No. 1 (ETM)	<u>21542.1</u>										
B. Activated carbon canisters operating (On Line)	YES	<input checked="" type="radio"/> NO		BLOWER No. 2 (ETM)											
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="radio"/> NO													
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="radio"/> NO													
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1	<input checked="" type="radio"/> YES		NO												
Lift Station No. 2	<input checked="" type="radio"/> YES		NO												
Decontamination Sump	<input checked="" type="radio"/> YES		NO												
Storage Containment Sump	<input checked="" type="radio"/> YES		NO												
Site Lighting	<input checked="" type="radio"/> YES		NO												

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 2/11/11

INSPECTED BY: Am

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	<u>907.7</u>		<u>2455.0</u>		<u>5947.6</u>		<u>35697.9</u>		<u>95796.2</u>		<u>53827.4</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

45168 x 100 =

D-1 Force Main Pressure

4. Decon: Pumps (ETM)

P-1 20547.9

P-2 22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>10425.4</u>						
P-2	<u>5735.1</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>24720.8</u>					
P-2						

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>9325.3</u>					
P-2	<u>3345.8</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 2/15/11

INSPECTED BY: jm

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH		<u>LOW</u>		OVERFLOW		HIGH		<u>LOW</u>		OVERFLOW	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	907.7		21855.0		60039.9		35697.9		95896.7		53827.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

953472 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

60572.7

P-2

22798.9

5. Lift Station No. 1

2440.3

A. Flow from Curtain Drain

LOW NORMAL HIGH

B. Are Sump Pumps Operating

YES

NO

C. Alarm indicator Lights

YES

NO

D. Check liquid level in sump

LOW

HIGH

OTHER

E. Check for leak in manifold leachate piping

Checked

No Leak

Leak

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

10940.3

P-2

5735.1

6. Lift Station No. 2

A. Settlement along buried section of force main

YES

NO

B. Are sump pumps operating?

YES

NO

C. Are the alarms or indicator lights on?

YES

NO

D. Any leaks in the manifold discharge piping

YES

NO

E. Check liquid level around stop planks. Is the level,

LOW

HIGH

OTHER

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

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

73.2

P-2

2720.8

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes

NORMAL

HIGH

B. Are sump pumps operating

YES

NO

C. Alarm indicator Lights

YES

NO

D. Check liquid level in sump

LOW

HIGH

OTHER

E. Is there any leak in the storage tanks and manifold discharge piping

YES

NO

F. Check if a pump is out of service

Pump 1

Pump 2

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

2325.3

P-2

3345.8

8. Carbon Adsorption System

A. Air Compressors ON

YES

NO

B. Activated carbon canisters operating (On Line)

YES

NO

BLOWER No. 1 (ETM)

21542.1

BLOWER No. 2 (ETM)

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1

YES

NO

B. Settlement along alignment of force main to Burr Avenue manhole

YES

NO

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1

YES

NO

Lift Station No. 2

YES

NO

Decontamination Sump

YES

NO

Storage Containment Sump

YES

NO

Site Lighting

YES

NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 2/17/11

INSPECTED BY: AM

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		HIGH		<u>LOW</u>	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	<u>907.7</u>		<u>21855.0</u>		<u>60092.6</u>		<u>35697.9</u>		<u>95954.5</u>		<u>53827.4</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer 454400 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM) P-1 60582.3

P-2 22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>10948.1</u>						
P-2	<u>5735.1</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>231.2</u>					
P-2	<u>2722.4</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2325.4</u>					
P-2	<u>3395.8</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 2/24/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>
E. Leak in Manifold Piping	YES	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>
F. Elapsed Time Meter	907.7		21855.0		60262.4		35697.9		96164.3		53527.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

457003

x 100 =

D-1 Force Main Pressure

4. Decon: Pumps (ETM)

P-1

60613.1

P-2

22795.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

P-2

10910.6
5735.1

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	there any signs of leachate?			
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

P-2

2724.1

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

P-2

2724.1
3393.3

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21572.1</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

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

48.6, 20.4, .5, 70°, 1.1 @ 14:53

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

DATE: 2/24/11

INSPECTED BY: AM

1. Down-gradient Collection Sumps

	D-1						D-8						D-10					
	Pump 1			Pump 2			Pump 1			Pump 2			Pump 1			Pump 2		
A. Circuit Breakers	<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF	
B. Running Light On	YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>	
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH			<u>LOW</u>			HIGH			<u>LOW</u>			HIGH			<u>LOW</u>		
E. Leak in Manifold Piping	YES			<u>NO</u>			YES			<u>NO</u>			YES			<u>NO</u>		
F. Elapsed Time Meter	907.7			4855.0			60309.2			35697.9			90196.9			53827.4		

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

957875 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

60629.5

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>10974.2</u>			
P-2	<u>5735.1</u>			

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>26.5</u>			
P-2	<u>2724.1</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>2325.5</u>			
P-2	<u>3395.8</u>			

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

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

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

FEBRUARY 2011

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	NS	NS	OK	NS	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	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	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

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	OK	-	OK	OK	OK	OK	OK		-
2	Silt Accumulation	OK	OK	OK	-	OK	OK	OK	OK	OK		-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	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		-
6	Flow into manhole or sump	OK	OK	OK	-	OK	OK	OK	OK	OK		

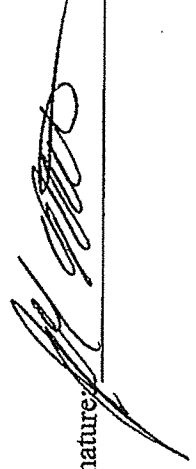
Notes:

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

DATE: 2/16/11

Tech: John Matthews

Signature:



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

Month: FEBRUARY 2011

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-2	D-4	MANHOLE COVER CANT LOCATE DUE TO GRAVEL DISPLACEMENT FROM SNOW PLOWING	RELOCATED MANHOLE COVER AND REMOVED GRAVEL. INSTALLED ROADSIDE MARKER TO AID WITH THIS ISSUE IN THE FUTURE.CORRECTED 2/16/11
GWL-2	D-5	MANHOLE COVER CANT LOCATE DUE TO GRAVEL DISPLACEMENT FROM SNOW PLOWING	RELOCATED MANHOLE COVER AND REMOVED GRAVEL. INSTALLED ROADSIDE MARKER TO AID WITH THIS ISSUE IN THE FUTURE.CORRECTED 2/16/11
GWL-2	D-7	MANHOLE COVER CANT LOCATE DUE TO GRAVEL DISPLACEMENT FROM SNOW PLOWING	RELOCATED MANHOLE COVER AND REMOVED GRAVEL. INSTALLED ROADSIDE MARKER TO AID WITH THIS ISSUE IN THE FUTURE.CORRECTED 2/16/11

DATE: 2/16/11

INSPECTED BY: JM

WEATHER: Sun

SIGNATURE: 

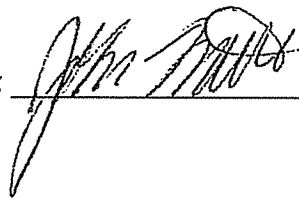
PELHAM BAY LANDFILL																				
GROUNDWATER LEACHATE BI-WEEKLY INSPECTION SUMMARY REPORT (GWL-1)																				
Month: MARCH 2011																				
DATE	P.S. -D1 to WWTP Totalizer Reading (100 gals)	Downgradient Collection Sumps						ELAPSED TIME METER READINGS (Hours)												Remarks and Deficiencies
		ELAPSED TIME METER READINGS (Minutes)																		
		Decon Pumps		D-8		D-10		D-1		Lift Sta. No. 1		Lift Sta. No. 2		Leachate Storage Containment Sump						
		Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2			
		1-Mar	461091	60706.0	22798.9	60486.6	35697.9	96400.0	53827.4	907.7	21863.2	11021.9	5736.9	28.1	9725.7	2358.9	3429.4	The D-1 Pump No. 1 elapsed time meter was replaced on March 8th.		
3-Mar	462506	60706.1	22798.9	60555.4	35697.9	96477.1	53827.4	907.7	21863.2	11029.7	5736.9	28.1	2725.7	2358.9	3429.4					
8-Mar	464755	60779.1	22798.9	60723.5	35697.9	96677.7	53827.4	907.7	21869.4	11056.7	5748.3	29.6	2727.8	2358.9	3429.4					
11-Mar	467218	60782.2	22798.9	60735.8	35701.0	96695.3	53828.7	44.0	21877.6	11072.7	5755.5	29.6	2729.2	2358.9	3429.4					
14-Mar	470279	60782.2	22798.9	60735.9	35701.2	96695.6	53829.0	102.6	21883.7	11104.4	5761.6	29.7	2729.2	2358.9	3429.4					
17-Mar	472337	60799.3	22798.9	60798.1	35761.8	96933.7	53837.4	142.3	21883.7	11117.1	5761.6	31.2	2733.2	2358.9	3429.4					
22-Mar	47554.6	60819.2	22798.9	60885.4	35834.3	97183.6	53837.4	204.4	21883.7	11136.3	5761.6	32.8	2734.8	2358.9	3429.4					
25-Mar	477229	60844.2	22798.9	60935.6	35879.1	97297.3	53837.4	240.3	21883.7	11149.6	5761.6	34.3	2735.9	2358.9	3429.4					
29-Mar	479531	60848.8	27798.9	60986.9	35879.1	97418.2	53837.4	281.2	21883.7	11159.9	5761.6	35.9	2736.4	2358.9	3429.4					
31-Mar	480534	60853.2	22798.9	60999.1	35879.1	97477.1	53837.4	300.2	21883.7	11164.0	5761.6	35.9	2738.0	2358.9	3429.4					

FORM DP-1
DESCRIPTION OF DEFICIENCIES AND PROBLEMS
GWL-1
Groundwater/Leachate Management System
PELHAM BAY LANDFILL, BRONX, NY
MARCH 2011

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-1	D-1 Pump#1 ETM	ETM not working	Meter replaced on 3/8/11.
GWL-1	D-1 Motor Control Center	Cabinet door is broken and cabinet supports are rotted	Repaired cabinet door on 2/9/11. Support repair work completed on 3/15/11.
GWL-1	Tank Farm	One of the heat tracing lines tested with no power	Further investigate by electrician.
GWL-1	D-1	Lag and high level floats not functioning	Floats ordered and scheduling electrician.
GWL-1	Tank Farm	Site glass level indicators not functioning	Pending work order authorization.
GWL-1	Backflow preventer hot box	small dent on side of box	Repair/replace hot box

INSPECTED BY: JM

Signature: _____



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

DATE:

3/1/11

INSPECTED BY:

[Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	OVERFLOW		HIGH	<input checked="" type="checkbox"/> LOW	OVERFLOW		HIGH	<input checked="" type="checkbox"/> LOW	OVERFLOW	
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO	
F. Elapsed Time Meter	907.7		21803.2		60486.6		35677.9		96400.0		53827.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES ☐ NO ☒

3. D-1 Force Main Totalizer

461091 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1 60700.0

P-2 22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping	Checked	No Leak	Leak
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO					

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	1102.9			
P-2	5736.9			

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are sump pumps operating?	YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<input checked="" type="checkbox"/> NO	
C. Are the alarms or indicator lights on?	YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<input checked="" type="checkbox"/> NO				

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	28.1			
P-2	9725.1			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are sump pumps operating	YES	<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	2358.9			
P-2	3429.4			

8. Carbon Adsorption System

A. Air Compressors ON	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)	21542.1
B. Activated carbon canisters operating (On Line)	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="checkbox"/> NO
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="checkbox"/> NO

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<input checked="" type="checkbox"/> YES	NO
Lift Station No. 2	<input checked="" type="checkbox"/> YES	NO
Decontamination Sump	<input checked="" type="checkbox"/> YES	NO
Storage Containment Sump	<input checked="" type="checkbox"/> YES	NO
Site Lighting	<input checked="" type="checkbox"/> YES	NO

@ 6:25 AM Tanks Less than 3/4 full

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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:

3/3/11

INSPECTED BY:

[Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW		HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW		HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW	
E. Leak in Manifold Piping	YES	<input checked="" type="checkbox"/> NO			YES	<input checked="" type="checkbox"/> NO			YES	<input checked="" type="checkbox"/> NO		
F. Elapsed Time Meter	907.7		21863.2		60555.4		35897.9		96477.1		53827.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain	YES	<input checked="" type="checkbox"/> NO
---	-----	--

3. D-1 Force Main Totalizer	462506	x 100 =	D-1 Force Main Pressure	
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4. Decon. Pumps (ETM)	P-1	60706.1	P-2	22798.9
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5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping	<input checked="" type="checkbox"/> Checked	<input checked="" type="checkbox"/> No Leak	Leak
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	11029.7						
P-2	5736.9						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are sump pumps operating?	YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<input checked="" type="checkbox"/> NO	
C. Are the alarms or indicator lights on?	YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<input checked="" type="checkbox"/> NO				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	28.11					
P-2	3725.7					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are sump pumps operating	YES	<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	2358.9					
P-2	3412.4					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)	21542.1
B. Activated carbon canisters operating (On Line)	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="checkbox"/> NO
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="checkbox"/> NO

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<input checked="" type="checkbox"/> YES	NO
Lift Station No. 2	<input checked="" type="checkbox"/> YES	NO
Decontamination Sump	<input checked="" type="checkbox"/> YES	NO
Storage Containment Sump	<input checked="" type="checkbox"/> YES	NO
Site Lighting	<input checked="" type="checkbox"/> YES	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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:

3/8/11

INSPECTED BY:

AM

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF
B. Running Light On	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	HIGH		LOW		HIGH		LOW		HIGH		LOW	
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO	
F. Elapsed Time Meter	907.7		21869.4		60723.5		35697.9		96677.7		53827.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES ☐ NO ☒

3. D-1 Force Main Totalizer

464755 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

60779.1

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are Sump Pumps Operating	YES		<input checked="" type="checkbox"/> NO	E. Check for leak in manifold leachate piping	Checked	No Leak	Leak
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO				

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

11056.7

P-2

5748.3

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level	LOW	HIGH	OTHER
B. Are sump pumps operating?	YES		<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<input checked="" type="checkbox"/> NO
C. Are the alarms or indicator lights on?	YES		<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service	Pump 1	Pump 2
D. Any leaks in the manifold discharge piping	YES		<input checked="" type="checkbox"/> NO			

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

29.6

P-2

2127.3

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are sump pumps operating	YES		<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<input checked="" type="checkbox"/> NO
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service	Pump 1	Pump 2

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

2350.4

P-2

3429.4

8. Carbon Adsorption System

A. Air Compressors ON	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)	21542.1
B. Activated carbon canisters operating (On Line)	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="checkbox"/> NO
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="checkbox"/> NO

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Lift Station No. 2	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Decontamination Sump	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Storage Containment Sump	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Site Lighting	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

7.10 ETMS 95% Full

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 3/11/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
B. Running Light On	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	HIGH	LOW	OVERFLOW	HIGH	LOW	OVERFLOW	HIGH	LOW	OVERFLOW	HIGH	LOW	OVERFLOW
E. Leak in Manifold Piping	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
F. Elapsed Time Meter	44.0		21877.6		60735.8		35701.0		96695.3		53828.7	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain	YES	NO
3. D-1 Force Main Totalizer	467218	x 100 = 467218
4. Decon. Pumps (ETM)	P-1	40782.2
	P-2	22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are Sump Pumps Operating	YES	NO		E. Check for leak in manifold leachate piping	Checked	No Leak	Leak
C. Alarm indicator Lights	YES	NO					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	11072.7						
P-2	5755.5						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	NO	E. Check liquid level around stop planks. Is the level,	LOW	HIGH	OTHER
B. Are sump pumps operating?	YES	NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	NO	
C. Are the alarms or indicator lights on?	YES	NO	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	NO				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	29.6					
P-2	2129.2					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are sump pumps operating	YES	NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	NO	
C. Alarm indicator Lights	YES	NO	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	2358.9					
P-2	3429.4					

Carbon Adsorption System

Air Compressors ON	YES	NO	BLOWER No. 1 (ETM)	21542.1
Activated carbon canisters operating (On Line)	YES	NO	BLOWER No. 2 (ETM)	

Contract HP-877 Force Main Discharge to POTW

Leakage from pipe-work in valve box beside Lift Station No. 1	YES	NO	
Settlement along alignment of force main to Burr Avenue manhole	YES	NO	

FOR CONTROL CENTER (MCC)

Breakers, for the following equipment, in the ON position:

Station No. 1	YES	NO
Station No. 2	YES	NO
Collection Sump	YES	NO
Settlement Sump	YES	NO

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

DATE: 3/14/11

INSPECTED BY: fm

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	<u>HIGH</u>		<u>LOW</u>		<u>HIGH</u>		<u>LOW</u>		<u>HIGH</u>		<u>LOW</u>	
E. Leak in Manifold Piping	<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>	
F. Elapsed Time Meter	<u>102.6</u>		<u>21883.7</u>		<u>60735.4</u>		<u>35701.2</u>		<u>94695.6</u>		<u>53829.0</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

4702.79

x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

60782.2

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	<u>YES</u>	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	<u>YES</u>	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>11104.4</u>						
P-2	<u>5761.6</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	<u>YES</u>	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	LOW	HIGH	<u>OTHER</u>
B. Are sump pumps operating?	<u>YES</u>	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	<u>YES</u>	<u>NO</u>	
C. Are the alarms or indicator lights on?	<u>YES</u>	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	<u>YES</u>	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>29.7</u>					
P-2	<u>2729.2</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	<u>YES</u>	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	<u>YES</u>	<u>NO</u>	
C. Alarm indicator Lights	<u>YES</u>	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2358.9</u>					
P-2	<u>3429.4</u>					

8. Carbon Adsorption System

A. Air Compressors ON	<u>YES</u>	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21572.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	<u>YES</u>	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	<u>YES</u>	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 3/17/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	
E. Leak in Manifold Piping	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	
F. Elapsed Time Meter	142.3		21883.7		60798.1		35761.8		96933.7		53837.4		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	<u>NO</u>
3. D-1 Force Main Totalizer <u>471337</u> x 100 = <u>47133.7</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>60799.3</u>				P-2				<u>22798.8</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER						
B. Are Sump Pumps Operating	YES	<u>NO</u>	E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak							
C. Alarm indicator Lights	YES	<u>NO</u>											
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	1117.1												
P-2	5761.6												
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER							
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>								
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2								
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>											
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	31.2												
P-2	2733.2												
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER							
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>								
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2								
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	2358.9												
P-2	3429.4												
8. Carbon Adsorption System													
A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>									
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)										
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>											
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>											
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<u>YES</u>	NO											
Lift Station No. 2	<u>YES</u>	NO											
Decontamination Sump	<u>YES</u>	NO											
Storage Containment Sump	<u>YES</u>	NO											
Site Lighting	<u>YES</u>	NO											

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 3/22/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps												
	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	AUTO	<input checked="" type="checkbox"/> HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input checked="" type="checkbox"/> OFF	AUTO	<input checked="" type="checkbox"/> HAND	OFF	<input checked="" type="checkbox"/> AUTO
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW		HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW		HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW	
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO	
F. Elapsed Time Meter	204.4		21883.7		60885.4		35834.3		97183.6		53837.4	
2. Down-gradient and Curtain Drain												
A. Is there settlement along alignment of down-gradient curtain drain												
YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>												
3. D-1 Force Main Totalizer <u>475546</u> x 100 = <u>47554.6</u>												
4. Decon. Pumps (ETM)												
P-1 <u>60819.2</u> P-2 <u>22798.9</u>												
5. Lift Station No. 1												
A. Flow from Curtain Drain				D. Check liquid level in sump				E. Check for leak in manifold leachate piping				
<input checked="" type="checkbox"/> LOW <input type="checkbox"/> NORMAL <input type="checkbox"/> HIGH				<input checked="" type="checkbox"/> LOW <input type="checkbox"/> HIGH <input type="checkbox"/> OTHER				<input checked="" type="checkbox"/> Checked <input type="checkbox"/> No Leak <input type="checkbox"/> Leak				
B. Are Sump Pumps Operating				C. Alarm indicator Lights								
YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>				YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>								
Pumps				Elapsed Time Meter				High Temp.				
P-1				11136.3								
P-2				5761.6								
6. Lift Station No. 2												
A. Settlement along buried section of force main				E. Check liquid level around stop planks. Is the level,								
YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>				LOW <input checked="" type="checkbox"/> HIGH <input type="checkbox"/> OTHER <input type="checkbox"/>								
B. Are sump pumps operating?				F. Check surface water in the Bay and Rip-Rap. Are								
YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>				there any signs of leachate?				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>				
C. Are the alarms or indicator lights on?				G. Check if a pump is out of service								
YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>				Pump 1				Pump 2				
D. Any leaks in the manifold discharge piping				High Temp.				Seal Fail				
YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>								Fault				
Pumps				Elapsed Time Meter								
P-1				32.8								
P-2				2734.8								
7. Leachate Storage Containment Area and Sump												
A. Flow through sump weep holes				D. Check liquid level in sump								
<input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> HIGH				<input checked="" type="checkbox"/> LOW <input type="checkbox"/> HIGH <input type="checkbox"/> OTHER								
B. Are sump pumps operating				E. Is there any leak in the storage tanks and manifold discharge piping								
YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>								
C. Alarm indicator Lights				F. Check if a pump is out of service								
YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>				Pump 1				Pump 2				
Pumps				Elapsed Time Meter				High Temp.				
P-1				2358.4								
P-2				3429.4								
8. Carbon Adsorption System												
A. Air Compressors ON				BLOWER No. 1 (ETM)								
YES <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/>				21592.1								
B. Activated carbon canisters operating (On Line)				BLOWER No. 2 (ETM)								
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>												
9. Contract HP-877 Force Main Discharge to POTW												
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>								
B. Settlement along alignment of force main to Burr Avenue manhole				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>								
10. MOTOR CONTROL CENTER (MCC)												
A. Are all breakers for the following equipment in the ON position:												
Lift Station No. 1				YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>								
Lift Station No. 2				YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>								
Decontamination Sump				YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>								
Storage Containment Sump				YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>								
Site Lighting				YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>								

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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:

3/25/11

INSPECTED BY:

[Signature]

1. Down-gradient Collection Sumps																			
	D-1				D-8				D-10										
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2								
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF							
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO							
C. Selector Switch Position	HAND	<input type="checkbox"/> OFF	AUTO	HAND	<input type="checkbox"/> OFF	AUTO	HAND	<input type="checkbox"/> OFF	AUTO	HAND	<input type="checkbox"/> OFF	AUTO							
D. Liquid Level in Sump	HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW		HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW								
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO								
F. Elapsed Time Meter	240.7		2483.7		60435.6		358.91		97297.3		53837.4								
2. Down-gradient and Curtain Drain																			
A. Is there settlement along alignment of down-gradient curtain drain												YES	<input checked="" type="checkbox"/> NO						
3. D-1 Force Main Totalizer $411729 \times 100 =$ D-1 Force Main Pressure																			
4. Decon. Pumps (ETM)																			
P-1				60849.2				P-2				22775.84							
5. Lift Station No. 1																			
A. Flow from Curtain Drain				<input checked="" type="checkbox"/> LOW		NORMAL		HIGH		D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW		HIGH		OTHER	
B. Are Sump Pumps Operating				YES		<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping				<input checked="" type="checkbox"/> Checked		<input checked="" type="checkbox"/> No Leak		Leak			
C. Alarm indicator Lights				YES		<input checked="" type="checkbox"/> NO													
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault											
P-1		11149.6																	
P-2		5761.6																	
6. Lift Station No. 2																			
A. Settlement along buried section of force main				YES		<input checked="" type="checkbox"/> NO		E. Check liquid level around stop planks. Is the level,				<input checked="" type="checkbox"/> LOW		HIGH		OTHER			
B. Are sump pumps operating?				YES		<input checked="" type="checkbox"/> NO		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				<input checked="" type="checkbox"/> YES		NO					
C. Are the alarms or indicator lights on?				YES		<input checked="" type="checkbox"/> NO		G. Check if a pump is out of service				Pump 1		Pump 2					
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault											
P-1		34.3																	
P-2		5735.9																	
7. Leachate Storage Containment Area and Sump																			
A. Flow through sump weep holes				<input checked="" type="checkbox"/> NORMAL		HIGH		D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW		HIGH		OTHER			
B. Are sump pumps operating				YES		<input checked="" type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping				YES		<input checked="" type="checkbox"/> NO					
C. Alarm indicator Lights				YES		<input checked="" type="checkbox"/> NO		F. Check if a pump is out of service				Pump 1		Pump 2					
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault											
P-1		2358.9																	
P-2		3429.7																	
8. Carbon Adsorption System																			
A. Air Compressors ON				YES		<input checked="" type="checkbox"/> NO		BLOWER No. 1 (ETM)				21542.1							
B. Activated carbon canisters operating (On Line)				<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO		BLOWER No. 2 (ETM)											
9. Contract HP-877 Force Main Discharge to POTW																			
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES		<input checked="" type="checkbox"/> NO													
B. Settlement along alignment of force main to Burr Avenue manhole				YES		<input checked="" type="checkbox"/> NO													
10. MOTOR CONTROL CENTER (MCC)																			
A. Are all breakers, for the following equipment, in the ON position:																			
Lift Station No. 1				<input checked="" type="checkbox"/> YES		NO													
Lift Station No. 2				<input checked="" type="checkbox"/> YES		NO													
Decontamination Sump				<input checked="" type="checkbox"/> YES		NO													
Storage Containment Sump				<input checked="" type="checkbox"/> YES		NO													
Site Lighting				<input checked="" type="checkbox"/> YES		NO													

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 3/29/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1						D-8						D-10					
	Pump 1			Pump 2			Pump 1			Pump 2			Pump 1			Pump 2		
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>		<u>ON</u>	<u>OFF</u>		<u>ON</u>	<u>OFF</u>		<u>ON</u>	<u>OFF</u>		<u>ON</u>	<u>OFF</u>		<u>ON</u>	<u>OFF</u>	
B. Running Light On	YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>	
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH			<u>LOW</u>			HIGH			<u>LOW</u>			HIGH			<u>LOW</u>		
E. Leak in Manifold Piping	YES			<u>NO</u>			YES			<u>NO</u>			YES			<u>NO</u>		
F. Elapsed Time Meter	281.2			24883.7			60986.9			35877.1			97418.2			53837.4		

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer 479531 x 100 = 47.95

D-1 Force Main Pressure

4. Decon. Pumps (ETM) P-1 60848.8 P-2 27798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter			High Temp.		Seal Fail	Fault
P-1	<u>11159.7</u>						
P-2	<u>5161.6</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter			High Temp.		Seal Fail
P-1	<u>35.9</u>					
P-2	<u>2736.4</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter			High Temp.		Seal Fail
P-1	<u>2358.9</u>					
P-2	<u>3927.4</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 3/31/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		HIGH		<u>LOW</u>	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	301.2		21883.7		60999.1		35879.1		97477.1		53837.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer

480534 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

60353.2

P-2

22798.7

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>11164.0</u>						
P-2	<u>5761.6</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>35.9</u>					
P-2	<u>2738.0</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2355.9</u>					
P-2	<u>3429.4</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

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

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

MARCH 2011

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	OK	OK	OK	OK	OK	OK	OK	OK	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	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Item No.	Inspection Item	Manhole and Sump Number											
		IS-1	IS-2	DS-1	DS-2*	TS-1	U-1	U-2	U-3	U-4	U-5	U-6	U-6
1	Manhole Cover	OK	OK	OK	-	OK	OK	OK	OK	OK			-
2	Silt Accumulation	OK	OK	OK	-	OK	OK	OK	OK	OK			-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	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			-
6	Flow into manhole or sump	OK	OK	OK	-	OK	OK	OK	OK	OK			-

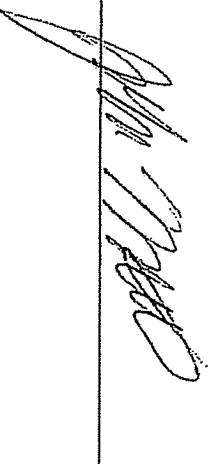
Notes:

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

DATE: 3/16/11

Tech: John Matthews

Signature: _____



FORM GWL-3
QUARTERLY INSPECTION CHECKLIST
MONITORING WELL
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 3/16/11

INITIALS: JM

Check For	Sampling Well Designation											
	MW 104	MW 106	MW 109	MW 110	MW 113	MW 114	MW 115	MW 115B	MW 118	MW 119		
1. Damage/Vandalism	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
2. Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3. Accessibility	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Check For	Sampling Well Designation											
	MW 120	MW 120B	MW 121	MW 122	MW 126	MW 117	MW 117B	MW 124	MW 124B			
1. Damage/Vandalism	OK	OK	OK	OK	OK	OK	OK	OK	OK			
2. Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK			
3. Accessibility	OK	OK	OK	OK	OK	OK	OK	OK	OK			

Check For	PZ-A	PZ-B	PZ-C	PZ-D	PZ-F
1. Damage/Vandalism	OK	OK	OK	OK	OK
2. Settlement	OK	OK	OK	OK	OK
3. Accessibility	OK	OK	OK	OK	OK

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

PELHAM BAY LANDFILL

GROUNDWATER LEACHATE BI-WEEKLY INSPECTION SUMMARY REPORT (GWL-1)

Month: APRIL 2011

DATE	P.S. -D1 to WWTTP Totalizer Reading, (100 gals)	Downgradient Collection Sumps														Remarks and Deficiencies
		ELAPSED TIME METER READINGS (Minutes)						ELAPSED TIME METER READINGS (Hours)								
		Decon Pumps		D-8		D-10		D-1		Lift Sta. No. 1		Lift Sta. No. 2		Leachate Storage Containment Sump		
		Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	
6-Apr	483607	60871.0	22798.9	61067.7	35879.1	97650.5	53837.4	359.3	21883.7	11175.4	5761.6	37.2	2739.6	2358.9	3429.4	
8-Apr	484519	60875.5	22798.9	61100.4	35879.1	97703.3	53837.4	376.9	21883.7	11178.3	5761.6	37.2	2739.6	2358.9	3429.4	
12-Apr	485752	60884.0	22798.9	61152.5	35879.1	97795.3	53837.4	401.3	21883.7	11184.2	5761.6	38.9	2739.6	2358.9	3429.4	
14-Apr	486072	60920.5	22798.9	61183.1	35879.1	97854.5	53837.4	407.8	21883.7	11193.3	5762.1	38.9	2741.3	2358.9	3429.4	
17-Apr	487933	60988.2	22798.9	61233.8	35879.1	97975.5	53837.4	445.8	21887.3	11210.6	5769.5	40.6	2743.0	2373.9	3429.4	
19-Apr	489578	60988.5	22798.9	61233.8	35879.1	98021.0	53837.4	481.3	21897.7	11226.4	5769.9	40.6	2743.0	2373.9	3429.4	
21-Apr	490727	60988.5	22798.9	61234.3	35879.1	98061.7	53837.4	506.6	21897.7	11235.5	5769.9	40.6	2743.0	2373.9	3429.4	
26-Apr	492795	61032.5	22798.9	61334.2	35879.1	98272.8	53837.4	550.5	21897.7	11254.3	5770.1	44.6	2744.7	2374.9	3429.4	
29-Apr	493919	61042.3	22798.9	61383.1	35879.1	98376.5	53837.4	574.6	21897.7	11261.6	5770.1	44.7	2746.4	2374.9	3429.4	

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

DATE: 4/6/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF			
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO			
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO			
D. Liquid Level in Sump	HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW		HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW				
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO				
F. Elapsed Time Meter	359.3		21853.7		61007.7		35879.1		97650.5		53837.4				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain										YES	<input checked="" type="checkbox"/> NO				
3. D-1 Force Main Totalizer <u>483607</u> x 100 = D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				<u>60871.0</u>				P-2				<u>22798.9</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH		D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH		OTHER			
B. Are Sump Pumps Operating	YES		<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping				<input checked="" type="checkbox"/> Checked	<input checked="" type="checkbox"/> NO Leak		<input type="checkbox"/> Leak			
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO												
Pumps		Elapsed Time Meter				High Temp.				Seal Fail				Fault	
P-1		<u>1175.4</u>													
P-2		<u>5761.6</u>													
6. Lift Station No. 2															
A. Settlement along buried section of force main		YES		<input checked="" type="checkbox"/> NO		E. Check liquid level around stop planks. Is the level,				<input checked="" type="checkbox"/> LOW	HIGH		OTHER		
B. Are sump pumps operating?		YES		<input checked="" type="checkbox"/> NO		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES		<input checked="" type="checkbox"/> NO			
C. Are the alarms or indicator lights on?		YES		<input checked="" type="checkbox"/> NO		G. Check if a pump is out of service				Pump 1		Pump 2			
D. Any leaks in the manifold discharge piping		YES		<input checked="" type="checkbox"/> NO											
Pumps		Elapsed Time Meter				High Temp.				Seal Fail				Fault	
P-1		<u>37.2</u>													
P-2		<u>2739.6</u>													
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes		<input checked="" type="checkbox"/> NORMAL		HIGH		D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH		OTHER		
B. Are sump pumps operating		YES		<input checked="" type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping				YES		<input checked="" type="checkbox"/> NO			
C. Alarm indicator Lights		YES		<input checked="" type="checkbox"/> NO		F. Check if a pump is out of service				Pump 1		Pump 2			
Pumps		Elapsed Time Meter				High Temp.				Seal Fail				Fault	
P-1		<u>2358.9</u>													
P-2		<u>3424.4</u>													
8. Carbon Adsorption System															
A. Air Compressors ON		YES		<input checked="" type="checkbox"/> NO		BLOWER No. 1 (ETM)				<u>21542.1</u>					
B. Activated carbon canisters operating (On Line)		<input checked="" type="checkbox"/> YES		NO		BLOWER No. 2 (ETM)									
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1		YES		<input checked="" type="checkbox"/> NO											
B. Settlement along alignment of force main to Burr Avenue manhole		YES		<input checked="" type="checkbox"/> NO											
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1		<input checked="" type="checkbox"/> YES		NO											
Lift Station No. 2		<input checked="" type="checkbox"/> YES		NO											
Decontamination Sump		<input checked="" type="checkbox"/> YES		NO											
Storage Containment Sump		<input checked="" type="checkbox"/> YES		NO											
Site Lighting		<input checked="" type="checkbox"/> YES		NO											

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 4/8/11

INSPECTED BY: AM

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	<u>OFF</u>	HAND	<u>OFF</u>	HAND	<u>OFF</u>	HAND	<u>OFF</u>	HAND	<u>OFF</u>	HAND	<u>OFF</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	HIGH	<u>LOW</u>	HIGH	<u>LOW</u>	HIGH	<u>LOW</u>	HIGH	<u>LOW</u>	HIGH	<u>LOW</u>
E. Leak in Manifold Piping	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
F. Elapsed Time Meter	376.9		21883.7		61100.4		35879.1		97703.3		53837.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

484579 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

60815.5

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	<u>LOW</u>	NORMAL	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	No Leak	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>11178.3</u>			
P-2	<u>5766.6</u>			

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>37.2</u>			
P-2	<u>2739.6</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>2358.9</u>			
P-2	<u>3429.4</u>			

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 4/12/11

INSPECTED BY: fm

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF			
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO			
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF			
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	OVERFLOW	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> LOW	OVERFLOW	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> LOW	OVERFLOW	<input checked="" type="checkbox"/> LOW			
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO				
F. Elapsed Time Meter	401.3		2188.37		61152.5		35879.1		97795.3		53837.4				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain											YES	<input checked="" type="checkbox"/> NO			
3. D-1 Force Main Totalizer <u>485752</u> x 100 = <u>48575.2</u>															
D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				<u>60884.0</u>				P-2				<u>22798.9</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> NORMAL	<input type="checkbox"/> HIGH	D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER					
B. Are Sump Pumps Operating	YES			<input checked="" type="checkbox"/> NO			E. Check for leak in manifold leachate piping				<input checked="" type="checkbox"/> Checked	<input checked="" type="checkbox"/> No Leak	<input type="checkbox"/> Leak		
C. Alarm indicator Lights	YES			<input checked="" type="checkbox"/> NO											
Pumps		Elapsed Time Meter			High Temp.			Seal Fail			Fault				
P-1		<u>11154.2</u>													
P-2		<u>5761.6</u>													
6. Lift Station No. 2															
A. Settlement along buried section of force main				YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,				<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER			
B. Are sump pumps operating?				YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are				YES	<input checked="" type="checkbox"/> NO				
C. Are the alarms or indicator lights on?				YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service				Pump 1	Pump 2				
D. Any leaks in the manifold discharge piping				YES	<input checked="" type="checkbox"/> NO										
Pumps		Elapsed Time Meter			High Temp.			Seal Fail			Fault				
P-1		<u>38.9</u>													
P-2		<u>2737.6</u>													
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes				<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> HIGH	D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER			
B. Are sump pumps operating				YES	<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping				YES	<input checked="" type="checkbox"/> NO				
C. Alarm indicator Lights				YES	<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service				Pump 1	Pump 2				
Pumps		Elapsed Time Meter			High Temp.			Seal Fail			Fault				
P-1		<u>2358.9</u>													
P-2		<u>3429.4</u>													
8. Carbon Adsorption System															
A. Air Compressors ON				YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)				<u>21542.1</u>					
B. Activated carbon canisters operating (On Line)				YES	<input checked="" type="checkbox"/> NO	BLOWER No. 2 (ETM)									
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES	<input checked="" type="checkbox"/> NO										
B. Settlement along alignment of force main to Burr Avenue manhole				YES	<input checked="" type="checkbox"/> NO										
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1		<input checked="" type="checkbox"/> YES			NO										
Lift Station No. 2		<input checked="" type="checkbox"/> YES			NO										
Decontamination Sump		<input checked="" type="checkbox"/> YES			NO										
Storage Containment Sump		<input checked="" type="checkbox"/> YES			NO										
Site Lighting		<input checked="" type="checkbox"/> YES			NO										

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 4/14/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	
D. Liquid Level in Sump	HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>		
F. Elapsed Time Meter	<u>407.8</u>		<u>21883.7</u>		<u>11183.1</u>		<u>35879.1</u>		<u>97854.5</u>		<u>53837.4</u>		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain													
YES <u>NO</u>													
3. D-1 Force Main Totalizer <u>48607.2</u> x 100 = D-1 Force Main Pressure													
4. Decon. Pumps (ETM) P-1 <u>60920.5</u> P-2 <u>22798.9</u>													
5. Lift Station No. 1													
A. Flow from Curtain Drain	<u>LOW</u>		NORMAL		HIGH		D. Check liquid level in sump		<u>LOW</u>		HIGH		
B. Are Sump Pumps Operating	YES		<u>NO</u>		E. Check for leak in manifold leachate piping		<u>Checked</u>		<u>No Leak</u>		Leak		
C. Alarm indicator Lights	YES		<u>NO</u>										
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>11193.3</u>											
P-2		<u>5162.1</u>											
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES		<u>NO</u>		E. Check liquid level around stop planks. Is the level,		<u>LOW</u>		HIGH		OTHER		
B. Are sump pumps operating?	YES		<u>NO</u>		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?		YES		<u>NO</u>				
C. Are the alarms or indicator lights on?	YES		<u>NO</u>		G. Check if a pump is out of service		Pump 1		Pump 2				
D. Any leaks in the manifold discharge piping	YES		<u>NO</u>										
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>338.9</u>											
P-2		<u>2141.3</u>											
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<u>NORMAL</u>		HIGH		D. Check liquid level in sump		<u>LOW</u>		HIGH		OTHER		
B. Are sump pumps operating	YES		<u>NO</u>		E. Is there any leak in the storage tanks and manifold discharge piping		YES		<u>NO</u>				
C. Alarm indicator Lights	YES		<u>NO</u>		F. Check if a pump is out of service		Pump 1		Pump 2				
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>2358.4</u>											
P-2		<u>3129.4</u>											
8. Carbon Adsorption System													
A. Air Compressors ON	YES		<u>NO</u>		BLOWER No. 1 (ETM)		<u>21542.1</u>						
B. Activated carbon canisters operating (On Line)	<u>YES</u>		NO		BLOWER No. 2 (ETM)								
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES		<u>NO</u>										
B. Settlement along alignment of force main to Burr Avenue manhole	YES		<u>NO</u>										
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<u>YES</u>		NO										
Lift Station No. 2	<u>YES</u>		NO										
Decontamination Sump	<u>YES</u>		NO										
Storage Containment Sump	<u>YES</u>		NO										
Site Lighting	<u>YES</u>		NO										
<u>Storage tanks 50% Full</u>													
Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 4/17/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW	
E. Leak in Manifold Piping	<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>	
F. Elapsed Time Meter	<u>445.8</u>		<u>2887.3</u>		<u>61233.8</u>		<u>35879.1</u>		<u>97975.5</u>		<u>53837.4</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer 48793.3

x 100 = 4879.33

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

60968.2

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	NORMAL	<u>HIGH</u>	D. Check liquid level in sump	LOW	HIGH	<u>OTHER</u>
B. Are Sump Pumps Operating	<u>YES</u>	NO		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter			High Temp.	Seal Fail	Fault	
P-1	<u>11210.6</u>						
P-2	<u>5769.5</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>40.6</u>					
P-2	<u>2143.0</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	LOW	HIGH	<u>OTHER</u>
B. Are sump pumps operating	<u>YES</u>	NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2373.9</u>					
P-2	<u>3429.4</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

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

4/16 Sat - 7-8pm 4/17 Sun 1-2 AM
9-12pm

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

DATE: 4/19/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	<u>YES</u>	NO	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	481.3		21897.7		61233.8		35879.1		98021.0		53831.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

489578 x 100 = 48957.8

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

60988.5

P-2

22798.7

5. Lift Station No. 1

A. Flow from Curtain Drain	<u>LOW</u>	NORMAL	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	<u>YES</u>	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	<u>YES</u>	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>11226.4</u>						
P-2	<u>5769.9</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>40.6</u>					
P-2	<u>2743.0</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2373.4</u>					
P-2	<u>3429.4</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Storage tanks 1/2 Full

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 4/21/11

INSPECTED BY: pm

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	<u>YES</u>	NO	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	<u>LOW</u>	OVERFLOW
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	506.6		21897.7		61234.3		35879.1		98061.7		53837.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

490727 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

60988.5

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	<u>YES</u>	NO		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter			High Temp.	Seal Fail	Fault	
P-1	<u>11235.8</u>						
P-2	<u>5769.9</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>40.6</u>					
P-2	<u>2793.0</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2373.9</u>					
P-2	<u>3429.4</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage through pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 4/26/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
B. Running Light On	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	NO
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	AUTO
D. Liquid Level in Sump	HIGH		LOW		OVERFLOW		HIGH		LOW		OVERFLOW		OVERFLOW
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO		
F. Elapsed Time Meter	550.5		21897.7		61334.2		35879.1		982728		53837.4		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain													
YES NO													
3. D-1 Force Main Totalizer <u>492795</u> x 100 = D-1 Force Main Pressure													
4. Decon. Pumps (ETM) P-1 <u>61032.5</u> P-2 <u>22798.9</u>													
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW		NORMAL		HIGH		D. Check liquid level in sump		LOW		HIGH		OTHER
B. Are Sump Pumps Operating	YES		NO		E. Check for leak in manifold leachate piping		Checked		No Leak		Leak		
C. Alarm indicator Lights	YES		NO										
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault			
P-1		11254.3											
P-2		5770.1											
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES		NO		E. Check liquid level around stop planks. Is the level,		LOW		HIGH		OTHER		
B. Are sump pumps operating?	YES		NO		F. Check surface water in the Bay and Rip-Rap. Are		YES		NO				
C. Are the alarms or indicator lights on?	YES		NO		G. Check if a pump is out of service		Pump 1		Pump 2				
D. Any leaks in the manifold discharge piping	YES		NO										
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault			
P-1		44.6											
P-2		2744.7											
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	NORMAL		HIGH		D. Check liquid level in sump		LOW		HIGH		OTHER		
B. Are sump pumps operating	YES		NO		E. Is there any leak in the storage tanks and manifold discharge piping		YES		NO				
C. Alarm indicator Lights	YES		NO		F. Check if a pump is out of service		Pump 1		Pump 2				
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault			
P-1		2374.9											
P-2		3429.4											
8. Carbon Adsorption System													
A. Air Compressors ON		YES		NO		BLOWER No. 1 (ETM)		21542.1					
B. Activated carbon canisters operating (On Line)		YES		NO		BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1		YES		NO									
B. Settlement along alignment of force main to Burr Avenue manhole		YES		NO									
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1		YES		NO									
Lift Station No. 2		YES		NO									
Decontamination Sump		YES		NO									
Storage Containment Sump		YES		NO									
Site Lighting		YES		NO									

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 4/29/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	579.6		21897.7		61383.1		35879.1		98376.5		53637.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

493919

x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

61042.3

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	<u>LOW</u>	NORMAL	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	No Leak	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter			High Temp.	Seal Fail	Fault	
P-1	<u>11261.6</u>						
P-2	<u>5710.1</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>447</u>					
P-2	<u>2746.4</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2374.9</u>					
P-2	<u>3429.4</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

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

FORM DP-1
DESCRIPTION OF DEFICIENCIES AND PROBLEMS
GWL-1
Groundwater/Leachate Management System
PELHAM BAY LANDFILL, BRONX, NY
APRIL 2011

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-1	Tank Farm	One of the heat tracing lines tested with no power	Further investigate by electrician.
GWL-1	D-1	Lag and high level floats not functioning	An Electrician is being scheduled.
GWL-1	Tank Farm	Site glass level indicators not functioning	Work is being scheduled.
GWL-1	Backflow preventer hot box	small dent on side of box	Repair/replace hot box

INSPECTED BY: JM

Signature: _____

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

APRIL 2011

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	OK	OK	OK	OK	OK	OK	OK	OK	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	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Item No.	Inspection Item	Manhole and Sump Number									
		IS-1	IS-2	DS-1	DS-2	TS-1	U-1	U-2	U-3	U-4	U-5
1	Manhole Cover	OK	OK	OK	-	OK	OK	OK	OK	OK	-
2	Silt Accumulation	OK	OK	OK	-	OK	OK	OK	OK	OK	-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	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	-
6	Flow into manhole or sump	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.
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

DATE: 4/28/11

Tech: John Matthews

Signature: _____

Month: May 2011

[illegible]

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

DATE: 5/28/11

INSPECTED BY: fm

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH		<u>LOW</u>		OVERFLOW		HIGH		<u>LOW</u>		OVERFLOW	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		HIGH		<u>LOW</u>	
F. Elapsed Time Meter	<u>0571</u>		<u>48911</u>		<u>61456</u>		<u>35879</u>		<u>18577.2</u>		<u>8383</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

x 100 = 495457

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

610538

P-2

22775.7

5. Lift Station No. 1

A. Flow from Curtain Drain	<u>LOW</u>	NORMAL	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	No Leak	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>112190</u>						
P-2	<u>5770.1</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>46.274810</u>					
P-2						

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2312.1</u>					
P-2						

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 5/6/11

INSPECTED BY: Am

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>
E. Leak in Manifold Piping	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
F. Elapsed Time Meter	619.4		21897.7		61479.6		35579.1		98589.1		53837.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

496042

x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

61068.1

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	<u>LOW</u>	NORMAL	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>11214.2</u>			
P-2	<u>5770.1</u>			

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>46.2</u>			
P-2	<u>2748.0</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>2374.9</u>			
P-2	<u>3429.4</u>			

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	YES	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 10/5/11

INSPECTED BY: Am

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH
E. Leak in Manifold Piping	YES	<u>NO</u>	<u>NO</u>	YES	YES	<u>NO</u>	<u>OVERFLOW</u>	YES	YES	<u>NO</u>	<u>OVERFLOW</u>	YES
F. Elapsed Time Meter	642.7	21897.7	61509.8	35879.1	98702.1	53837.4						

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

497132

x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

61069.3

P-2

22778.7

5. Lift Station No. 1

A. Flow from Curtain Drain	<u>LOW</u>	NORMAL	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

11279.6

P-2

5770.1

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

48.1

P-2

2744.6

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

2374.0

P-2

3424.4

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 5/12/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	<u>OFF</u>	HAND	<u>OFF</u>	HAND	<u>OFF</u>	HAND	<u>OFF</u>	HAND	<u>OFF</u>	HAND	<u>OFF</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	<u>652.1</u>		<u>21897.7</u>		<u>61543.4</u>		<u>35879.1</u>		<u>98749.0</u>		<u>53831.4</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

491567 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

2279.9

6107.1

P-2

3427.4

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	<u>LOW</u>	NORMAL	HIGH
B. Are Sump Pumps Operating	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	

D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>11281.7</u>			
P-2	<u>5776.1</u>			

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>48.1</u>			
P-2	<u>2749.6</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>2374.9</u>			
P-2	<u>3429.4</u>			

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 5/18/11

INSPECTED BY: Am

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	OVERFLOW
E. Leak in Manifold Piping	<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>	
F. Elapsed Time Meter	<u>687.4</u>		<u>4897.7</u>		<u>6165.4</u>		<u>3584.1</u>		<u>96878.2</u>		<u>57837.4</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

499202 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1 61089.9

P-2 22748.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	LOW	HIGH	<u>OTHER</u>
B. Are Sump Pumps Operating	<u>YES</u>	NO	E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak	
C. Alarm indicator Lights	<u>YES</u>	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>11305.9</u>						
P-2	<u>5772.0</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	<u>YES</u>	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>49.7</u>					
P-2	<u>2751.3</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	<u>YES</u>	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2374.9</u>					
P-2	<u>3429.5</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

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

50.4
20.7 0.3 94°

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

DATE:

5/20/11

INSPECTED BY:

Am

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF
B. Running Light On	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	HIGH		LOW		HIGH		LOW		HIGH		LOW	
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO	
F. Elapsed Time Meter	702.6		21898.5		61615.4		35879.1		98876.2		53837.4	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES ☐ NO ☒

3. D-1 Force Main Totalizer

4999.20 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1 61089.9

P-2 22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are Sump Pumps Operating	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		E. Check for leak in manifold leachate piping	<input checked="" type="checkbox"/> Checked	<input type="checkbox"/> No Leak	<input type="checkbox"/> Leak
C. Alarm indicator Lights	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail		Fault	
P-1	11326.7						
P-2	5776.9						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,	LOW	HIGH	OTHER
B. Are sump pumps operating?	YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<input checked="" type="checkbox"/> NO	
C. Are the alarms or indicator lights on?	YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<input checked="" type="checkbox"/> NO				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail		Fault
P-1	49.0					
P-2	2151.3					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are sump pumps operating	YES	<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail		Fault
P-1	2374.9					
P-2	3429.5					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)	21542.1
B. Activated carbon canisters operating (On Line)	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="checkbox"/> NO	
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="checkbox"/> NO	

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<input checked="" type="checkbox"/> YES	NO
Lift Station No. 2	<input checked="" type="checkbox"/> YES	NO
Decontamination Sump	<input checked="" type="checkbox"/> YES	NO
Storage Containment Sump	<input checked="" type="checkbox"/> YES	NO
Site Lighting	<input checked="" type="checkbox"/> YES	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 5/24/11

INSPECTED BY: AM

1. Down-gradient Collection Sumps

	D-1			D-8			D-10		
	Pump 1		Pump 2	Pump 1		Pump 2	Pump 1		Pump 2
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	<u>ON</u>	OFF	<u>ON</u>	<u>ON</u>	OFF	<u>ON</u>
B. Running Light On	<u>YES</u>	NO	<u>YES</u>	<u>YES</u>	NO	<u>YES</u>	<u>YES</u>	NO	<u>YES</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	<u>HIGH</u>	LOW	OVERFLOW	<u>HIGH</u>	LOW	OVERFLOW	<u>HIGH</u>	LOW	OVERFLOW
E. Leak in Manifold Piping	<u>YES</u>		<u>NO</u>	<u>YES</u>		<u>NO</u>	<u>YES</u>		<u>NO</u>
F. Elapsed Time Meter	<u>733.3</u>		<u>21899.1</u>	<u>61615.4</u>		<u>35879.1</u>	<u>9878.2</u>		<u>53837.4</u>

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

501485

x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

61089.9

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	<u>YES</u>	NO		E. Check for leak in manifold leachate piping	<u>Checked</u>	No Leak	Leak
C. Alarm indicator Lights	<u>YES</u>	NO					

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

11343.5

P-2

5111.0

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

44.6

P-2

2751.3

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	<u>YES</u>	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	<u>YES</u>	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

2374.9

P-2

3429.5

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

ON 5/23 CSO 11-12AM

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 5/2/26

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO	<u>YES</u>	NO
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	OVERFLOW	OVERFLOW	HIGH	<u>LOW</u>	OVERFLOW	OVERFLOW	HIGH	<u>LOW</u>	OVERFLOW	OVERFLOW
E. Leak in Manifold Piping	<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>	
F. Elapsed Time Meter	<u>765.9</u>		<u>21903.6</u>		<u>61615.4</u>		<u>35879.1</u>		<u>98878.2</u>		<u>53837.4</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer 302846 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

61089.9

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	<u>YES</u>	NO		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	<u>YES</u>	<u>NO</u>					
Pumps	Elapsed Time Meter			High Temp.	Seal Fail	Fault	
P-1	<u>11348.3</u>						
P-2	<u>5777.0</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	<u>YES</u>	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>49.6</u>					
P-2	<u>2751.3</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	<u>YES</u>	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	<u>YES</u>	<u>NO</u>	
C. Alarm indicator Lights	<u>YES</u>	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2374.9</u>					
P-2	<u>3429.5</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

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

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

MAY 2011

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	OK	OK	OK	OK	OK	OK	OK	OK	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	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

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	OK	-	OK	OK	OK	OK	OK		-
2	Silt Accumulation	OK	OK	OK	-	OK	OK	OK	OK	OK		-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	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		-
6	Flow into manhole or sump	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
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

DATE: 5/24/11

Tech: John Matthews

Signature: _____

PELHAM BAY LANDFILL
GROUNDWATER LEACHATE BI-WEEKLY INSPECTION SUMMARY REPORT (GWL-1)
Month: June 2011

DATE	P.S. -D1 to WWTP Totalizer Reading (100 gals)	Downgradient Collection Sumps										ELAPSED TIME METER READINGS (Hours)										Remarks and Deficiencies
		ELAPSED TIME METER READINGS (Minutes)																				
		Decon Pumps		D-8		D-10		D-1		Lift Sta. No. 1		Lift Sta. No. 2		Leachate Storage Containment Sump								
		Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2							
1-Jun	504939	61104.9	22798.9	61723.6	35966.5	99167.4	53844.7	813.8	21903.6	11357.5	5777.0	54.1	2753.2	2374.0	3429.5							
3-Jun	505483	61106.2	22798.9	61751.5	35998.5	99403.0	53844.7	825.8	21903.6	11360.4	5777.0	54.1	2755.1	2374.0	3429.5							
7-Jun	506285	61107.7	22798.9	61812.8	36029.2	99562.1	53844.7	843.6	21903.6	11364.5	5777.0	55.9	2755.1	2374.0	3429.5							
9-Jun	506590	61108.4	22798.9	61845.5	36044.6	99614.4	53844.7	850.3	21903.6	11366.5	5777.0	55.9	2755.1	2374.0	3429.5							
14-Jun	507718	61115.4	22798.9	61914.3	36087.0	99735.8	53844.7	875.4	21903.6	11371.8	5777.0	57.6	2757.0	2374.0	3429.5							
16-Jun	508167	61118.7	22798.9	61942.9	36104.7	99787.0	53844.7	885.1	21903.6	11373.8	5777.0	57.6	2758.6	2374.0	3429.5							
21-Jun	50888.3	61189.7	22798.9	62005.1	36149.4	99826.2	53913.9	900.4	21906.0	11403.6	5779.9	59.2	2758.6	2374.4	3429.5							
23-Jun	509358	61194.3	22798.9	62021.0	36191.6	99826.2	53980.6	910.4	21906.0	11412.8	5779.9	59.2	2760.4	2374.4	3429.5							
28-Jun	510435	61217.8	22798.9	62078.1	36261.4	99826.2	54109.1	933.7	21906.0	11421.1	5780.0	60.8	2762.0	2374.4	3429.5							
30-Jun	51083.8	61221.5	22798.9	62110.4	36274.6	99826.2	54150.6	942.5	21906.0	11423.1	5780.0	60.8	2762.0	2374.4	3429.5							

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

DATE: 6/11/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF			
B. Running Light On	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO			
C. Selector Switch Position	HAND	<input type="radio"/> OFF	<input checked="" type="radio"/> AUTO	HAND	<input type="radio"/> OFF	<input checked="" type="radio"/> AUTO	HAND	<input type="radio"/> OFF	<input checked="" type="radio"/> AUTO	HAND	<input type="radio"/> OFF	<input checked="" type="radio"/> AUTO			
D. Liquid Level in Sump	HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW				
E. Leak in Manifold Piping	YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO				
F. Elapsed Time Meter	813.8		21903.6		61723.6		35966.5		99167.4		53844.2				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain										YES		<input checked="" type="radio"/> NO			
3. D-1 Force Main Totalizer <u>5704939</u> x 100 = <u>(1) 7.48</u>															
D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				<u>61104.9</u>				P-2				<u>22798.9</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain	LOW	<input checked="" type="radio"/> NORMAL	HIGH		D. Check liquid level in sump	<input checked="" type="radio"/> LOW		HIGH		OTHER					
B. Are Sump Pumps Operating	YES		<input checked="" type="radio"/> NO		E. Check for leak in manifold leachate piping	Checked		<input checked="" type="radio"/> No Leak		Leak					
C. Alarm indicator Lights	YES		<input checked="" type="radio"/> NO												
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>11357.5</u>													
P-2		<u>5777.0</u>													
6. Lift Station No. 2															
A. Settlement along buried section of force main	YES	<input checked="" type="radio"/> NO		E. Check liquid level around stop planks. Is the level,	<input checked="" type="radio"/> LOW		HIGH		OTHER						
B. Are sump pumps operating?	YES		<input checked="" type="radio"/> NO		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES		<input checked="" type="radio"/> NO							
C. Are the alarms or indicator lights on?	YES		<input checked="" type="radio"/> NO		G. Check if a pump is out of service	Pump 1		Pump 2							
D. Any leaks in the manifold discharge piping	YES		<input checked="" type="radio"/> NO												
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>54.1</u>													
P-2		<u>2753.2</u>													
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes	NORMAL		HIGH		D. Check liquid level in sump	<input checked="" type="radio"/> LOW		HIGH		OTHER					
B. Are sump pumps operating	YES		<input checked="" type="radio"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping	YES		<input checked="" type="radio"/> NO							
C. Alarm indicator Lights	YES		<input checked="" type="radio"/> NO		F. Check if a pump is out of service	Pump 1		Pump 2							
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>2374.0</u>													
P-2		<u>3429.5</u>													
8. Carbon Adsorption System															
A. Air Compressors ON				YES	<input checked="" type="radio"/> NO		BLOWER No. 1 (ETM)				<u>21542.1</u>				
B. Activated carbon canisters operating (On Line)				YES	<input checked="" type="radio"/> NO		BLOWER No. 2 (ETM)								
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES	<input checked="" type="radio"/> NO										
B. Settlement along alignment of force main to Burr Avenue manhole				YES	<input checked="" type="radio"/> NO										
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1				<input checked="" type="radio"/> YES	NO										
Lift Station No. 2				<input checked="" type="radio"/> YES	NO										
Decontamination Sump				<input checked="" type="radio"/> YES	NO										
Storage Containment Sump				<input checked="" type="radio"/> YES	NO										
Site Lighting				<input checked="" type="radio"/> YES	NO										

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 6/3/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		HIGH		<u>LOW</u>	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	8258		219036		61757.5		35998.5		99403.0		53844.7	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer

505443 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1 61106.2

P-2 22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain LOW NORMAL HIGH D. Check liquid level in sump LOW HIGH OTHER
B. Are Sump Pumps Operating YES NO E. Check for leak in manifold leachate piping Checked No Leak Leak
C. Alarm indicator Lights YES NO

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>11360.4</u>			
P-2	<u>5777.0</u>			

6. Lift Station No. 2

A. Settlement along buried section of force main YES NO E. Check liquid level around stop planks. Is the level, LOW HIGH OTHER
B. Are sump pumps operating? YES NO F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate? YES NO
C. Are the alarms or indicator lights on? YES NO G. Check if a pump is out of service Pump 1 Pump 2
D. Any leaks in the manifold discharge piping YES NO

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>54.1</u>			
P-2	<u>2755.1</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes NORMAL HIGH D. Check liquid level in sump LOW HIGH OTHER
B. Are sump pumps operating YES NO E. Is there any leak in the storage tanks and manifold discharge piping YES NO
C. Alarm indicator Lights YES NO F. Check if a pump is out of service Pump 1 Pump 2

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>2377.0</u>			
P-2	<u>3429.5</u>			

8. Carbon Adsorption System

A. Air Compressors ON YES NO BLOWER No. 1 (ETM) 21542.1
B. Activated carbon canisters operating (On Line) YES NO BLOWER No. 2 (ETM)

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1 YES NO
B. Settlement along alignment of force main to Burr Avenue manhole YES NO

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 6/7/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		HIGH		<u>LOW</u>	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	843.6		21903.6		61812.8		36019.2		99562.1		53844.7	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer

506285 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1 61107.7

P-2 22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	11364.5						
P-2	5777.0						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	55.9					
P-2	2755.1					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	2374.0					
P-2	3429.5					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	21542.1
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>	21542.1
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>	

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:	
Lift Station No. 1	<u>YES</u> NO
Lift Station No. 2	<u>YES</u> NO
Decontamination Sump	<u>YES</u> NO
Storage Containment Sump	<u>YES</u> NO
Site Lighting	<u>YES</u> NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 6/9/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1						D-8						D-10					
	Pump 1			Pump 2			Pump 1			Pump 2			Pump 1			Pump 2		
A. Circuit Breakers	<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF	
B. Running Light On	YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>		YES	<u>NO</u>	
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH		<u>LOW</u>	OVERFLOW			HIGH		<u>LOW</u>	OVERFLOW			HIGH		<u>LOW</u>	OVERFLOW		
E. Leak in Manifold Piping	YES			<u>NO</u>			YES			<u>NO</u>			YES			<u>NO</u>		
F. Elapsed Time Meter	<u>850.3</u>			<u>21903.6</u>			<u>61845.5</u>			<u>36044.6</u>			<u>99614.4</u>			<u>53844.7</u>		

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

566590

x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

61108.4

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES		<u>NO</u>	E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES		<u>NO</u>				
Pumps	Elapsed Time Meter			High Temp.		Seal Fail	Fault
P-1	<u>11366.5</u>						
P-2	<u>5777.0</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES		<u>NO</u>
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter			High Temp.		Seal Fail
P-1	<u>55.9</u>					
P-2	<u>2755.1</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES		<u>NO</u>
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter			High Temp.		Seal Fail
P-1	<u>2314.0</u>					
P-2	<u>3429.5</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 6/14/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO
C. Selector Switch Position	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO
D. Liquid Level in Sump	HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW		HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW	
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO	
F. Elapsed Time Meter	875.4		24903.6		61914.3		36087.0		99735.8		53844.7	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES ☐ NO ☒

3. D-1 Force Main Totalizer

507718 x 100 = 50771.8

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1 6115.4

P-2 22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> NORMAL	<input type="checkbox"/> HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER
B. Are Sump Pumps Operating	YES	<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping	<input checked="" type="checkbox"/> Checked	<input checked="" type="checkbox"/> No Leak	Leak
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>11311.8</u>						
P-2	<u>5777.0</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER
B. Are sump pumps operating?	YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<input checked="" type="checkbox"/> NO	
C. Are the alarms or indicator lights on?	YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<input checked="" type="checkbox"/> NO				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>57.6</u>					
P-2	<u>2757.0</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER
B. Are sump pumps operating	YES	<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2374.0</u>					
P-2	<u>3429.5</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<input checked="" type="checkbox"/> YES	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="checkbox"/> NO	<u>21542.1</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="checkbox"/> NO	

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<input checked="" type="checkbox"/> YES	NO
Lift Station No. 2	<input checked="" type="checkbox"/> YES	NO
Decontamination Sump	<input checked="" type="checkbox"/> YES	NO
Storage Containment Sump	<input checked="" type="checkbox"/> YES	NO
Site Lighting	<input checked="" type="checkbox"/> YES	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 6/10/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	<u>AUTO</u>	HAND	<u>AUTO</u>	HAND	<u>AUTO</u>	HAND	<u>AUTO</u>	HAND	<u>AUTO</u>	HAND	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	OVERFLOW	<u>NO</u>	HIGH	<u>LOW</u>	OVERFLOW	<u>NO</u>	HIGH	<u>LOW</u>	OVERFLOW	<u>NO</u>
E. Leak in Manifold Piping	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
F. Elapsed Time Meter	885.1		21903.6		61942.9		38104.7		99167.0		53874.7	

2. Down-gradient and Curtain Drain

3. D-1 Force Main Totalizer 508167 x 100 = 8.50 A. Is there settlement along alignment of down-gradient curtain drain YES NO

4. Decon. Pumps (ETM) P-1 6118.7 P-2 22798.9 D-1 Force Main Pressure

5. Lift Station No. 1

A. Flow from Curtain Drain	<u>LOW</u>	NORMAL	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>	<u>NO</u>	E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>	<u>NO</u>				
Pumps	Elapsed Time Meter			High Temp.	Seal Fail	Fault	
P-1	11373.8						
P-2	5777.0						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				Fault
Pumps	Elapsed Time Meter			High Temp.	Seal Fail	
P-1	57.6					
P-2	2758.6					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter			High Temp.	Seal Fail	Fault
P-1	2374.0					
P-2	3429.5					

8. Carbon Adsorption System

Air Compressors ON YES NO BLOWER No. 1 (ETM) 21592.1
Activated carbon canisters operating (On Line) YES NO BLOWER No. 2 (ETM)

9. Contract HP-877 Force Main Discharge to POTW

Leakage from pipe-work in valve box beside Lift Station No. 1 YES NO
Settlement along alignment of force main to Burr Avenue manhole YES NO

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

ote: For noted deficiencies and problems provide description on form DP-1. Attach 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: 6/21/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		HIGH		<u>LOW</u>	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	900.4		21906.0		62005.1		36149.4		99826.2		53713.9	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

506883

x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

61189.7

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	<u>LOW</u>	NORMAL	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	Checked	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>11403.6</u>						
P-2	<u>5719.9</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1			<u>59.2</u>			
P-2			<u>2758.6</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2374.7</u>					
P-2	<u>3429.5</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 6/23/11

INSPECTED BY: Am

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	OVERFLOW
E. Leak in Manifold Piping	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
F. Elapsed Time Meter	<u>910.4</u>		<u>24906.0</u>		<u>62021.0</u>		<u>36191.6</u>		<u>99826.2</u>		<u>53980.6</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

509536 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1 61194.3

P-2 22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

11412.8

P-2

5779.9

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

59.2

P-2

2760.4

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps

Elapsed Time Meter

High Temp.

Seal Fail

Fault

P-1

2374.4

P-2

3429.5

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 6/28/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	
D. Liquid Level in Sump	HIGH		<u>LOW</u>		OVERFLOW		HIGH		<u>LOW</u>		OVERFLOW		
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>		
F. Elapsed Time Meter	<u>933.7</u>		<u>21906.0</u>		<u>62078.1</u>		<u>36261.4</u>		<u>99826.2</u>		<u>54109.1</u>		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain													
YES <u>NO</u>													
3. D-1 Force Main Totalizer <u>510435</u> x 100 = <u>51043.5</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1 <u>61217.8</u> P-2 <u>22798.9</u>													
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER						
B. Are Sump Pumps Operating	YES	<u>NO</u>	E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak							
C. Alarm indicator Lights	YES	<u>NO</u>											
Pumps	Elapsed Time Meter			High Temp.		Seal Fail	Fault						
P-1	<u>11921.1</u>												
P-2	<u>5780.0</u>												
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER							
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are	YES	<u>NO</u>								
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2								
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>											
Pumps	Elapsed Time Meter			High Temp.		Seal Fail	Fault						
P-1	<u>6028</u>												
P-2	<u>2762.0</u>												
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER							
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>								
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2								
Pumps	Elapsed Time Meter			High Temp.		Seal Fail	Fault						
P-1	<u>2374.4</u>												
P-2	<u>3429.5</u>												
8. Carbon Adsorption System													
A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>21542</u>									
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)										
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>											
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>											
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<u>YES</u>	NO											
Lift Station No. 2	<u>YES</u>	NO											
Decontamination Sump	<u>YES</u>	NO											
Storage Containment Sump	<u>YES</u>	NO											
Site Lighting	<u>YES</u>	NO											

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 6/30/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1						D-8						D-10					
	Pump 1			Pump 2			Pump 1			Pump 2			Pump 1			Pump 2		
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF		<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF		<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF		<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF		<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF		<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	
B. Running Light On	YES	<input checked="" type="checkbox"/> NO		YES	<input checked="" type="checkbox"/> NO		YES	<input checked="" type="checkbox"/> NO		YES	<input checked="" type="checkbox"/> NO		YES	<input checked="" type="checkbox"/> NO		YES	<input checked="" type="checkbox"/> NO	
C. Selector Switch Position	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	
D. Liquid Level in Sump	HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW		HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW		HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW	
E. Leak in Manifold Piping	YES			<input checked="" type="checkbox"/> NO			YES			<input checked="" type="checkbox"/> NO			YES			<input checked="" type="checkbox"/> NO		
F. Elapsed Time Meter	942.5		2906.0		62110.4		36274.6		99826.2		54150.6							

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES ☒ NO ☐

3. D-1 Force Main Totalizer

510838 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

61221.5

P-2

22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping	<input checked="" type="checkbox"/> Checked	<input checked="" type="checkbox"/> No Leak	Leak
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail		Fault	
P-1	<u>11423.1</u>						
P-2	<u>25180.0</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are sump pumps operating?	YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<input checked="" type="checkbox"/> NO	
C. Are the alarms or indicator lights on?	YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<input checked="" type="checkbox"/> NO				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail		Fault
P-1	<u>60.8</u>					
P-2	<u>2762.0</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are sump pumps operating	YES	<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail		Fault
P-1	<u>2374.4</u>					
P-2	<u>3429.5</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)	<u>21542.1</u>
B. Activated carbon canisters operating (On Line)	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="checkbox"/> NO
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="checkbox"/> NO

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<input checked="" type="checkbox"/> YES	NO
Lift Station No. 2	<input checked="" type="checkbox"/> YES	NO
Decontamination Sump	<input checked="" type="checkbox"/> YES	NO
Storage Containment Sump	<input checked="" type="checkbox"/> YES	NO
Site Lighting	<input checked="" type="checkbox"/> YES	NO

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

JUNE 2011

[illegible]

1	Manhole Cover	OK	OK	-	OK	OK	OK	OK	OK	-
2	Silt Accumulation	OK	OK	-	OK	OK	OK	OK	OK	-
3	Settlement	OK	OK	-	OK	OK	OK	OK	OK	-
4	Pipe Connections	OK	OK	-	OK	OK	OK	OK	OK	-
5	Settlement Along Curtain Drain	OK	OK	-	OK	OK	OK	OK	OK	-
6	Flow into manhole or sump	OK	OK	-	OK	OK	OK	OK	OK	-

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.

Tech: John Matthews

Signature:

FORM GWL-3
QUARTERLY INSPECTION CHECKLIST
MONITORING WELL
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 6/13/11

INITIALS: JM

Check For	Sampling Well Designation										
	MW 104	MW 106	MW 109	MW 110	MW 113	MW 114	MW 115	MW 115B	MW 118	MW 119	MW 119
1. Damage/Vandalism	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2. Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3. Accessibility	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Check For	Sampling Well Designation										
	MW 120	MW 120B	MW 121	MW 122	MW 126	MW 117	MW 117B	MW 124	MW 124B	MW 124B	MW 124B
1. Damage/Vandalism	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2. Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3. Accessibility	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Check For	PZ-A					PZ-B					PZ-C					PZ-D					PZ-F				
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
1. Damage/Vandalism	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2. Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3. Accessibility	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Notes: Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.

1. Use "NS" (Not Satisfactory) where problems are noted.

2. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

PELHAM BAY LANDFILL
GROUNDWATER LEACHATE BI-WEEKLY INSPECTION SUMMARY REPORT (GWL-1)
Month: July 2011

DATE	P.S. -D1 to WWTP Totalizer Reading (100 gals)	Downgradient Collection Sumps										Remarks and Deficiencies				
		ELAPSED TIME METER READINGS (Minutes)					ELAPSED TIME METER READINGS (Hours)									
		Decon Pumps		D-8		D-10		D-1		Lift Sta. No. 1			Lift Sta. No. 2		Leachate Storage Containment Sump	
		Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2		Pump-1	Pump-2	Pump-1	Pump-2
6-Jul	511946	61243.4	22798.9	62176.9	36329.1	99826.2	54273.7	966.7	21906.0	11429.3	5780.0	62.3	2763.7	2374.4	3429.5	
8-Jul	512328	61244.6	22798.9	62193.7	36347.5	99826.2	54309.5	975.0	21906.0	11431.0	5780.0	62.4	2763.7	2374.4	3429.5	
12-Jul	513106	61256.3	22798.9	62212.6	36394.1	99826.2	54380.9	992.2	21906.0	11434.7	5780.0	63.9	2763.7	2374.4	3429.5	
15-Jul	513659	61262.3	22798.9	62244.4	36407.9	99826.2	54426.0	1004.4	21906.0	11437.0	5780.0	63.9	2765.3	2374.4	3429.5	
19-Jul	514324	61270.2	22798.9	62270.5	36434.3	99826.2	54482.9	1019.8	21906.0	11439.7	5780.0	65.5	2765.3	2374.4	3429.5	
21-Jul	514610	61270.9	22798.9	62277.0	36451.1	99826.2	54507.0	1026.9	21906.0	11440.9	5780.0	65.5	2765.3	2374.4	3429.5	
26-Jul	515219	61272.6	22798.9	62308.6	36475.4	99826.2	54566.3	1041.4	21906.0	11443.7	5780.0	65.5	2767.0	2374.4	3429.5	
28-Jul	515418	61276.4	22798.9	62323.2	36483.5	99826.2	54590.2	1046.4	21906.0	11445.1	5780.0	65.5	2767.0	2374.4	3429.5	

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

DATE: 7/16/11

INSPECTED BY: Am

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	
B. Running Light On	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	
D. Liquid Level in Sump	HIGH	LOW	OVERFLOW	HIGH	LOW	OVERFLOW	HIGH	LOW	OVERFLOW	HIGH	LOW	OVERFLOW	
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO		
F. Elapsed Time Meter	966.7		219060		621769		363291		998262		54272		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	NO
3. D-1 Force Main Totalizer <u>511946</u> x 100 = <u>51194.6</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>61243.4</u>				P-2				<u>22798.9</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	NORMAL	HIGH	D. Check liquid level in sump				LOW	HIGH	OTHER			
B. Are Sump Pumps Operating	YES			NO			E. Check for leak in manifold leachate piping				Checked	No Leak	Leak
C. Alarm indicator Lights	YES			NO									
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>11429.3</u>											
P-2		<u>5780.0</u>											
6. Lift Station No. 2													
A. Settlement along buried section of force main				YES	NO	E. Check liquid level around stop planks. Is the level,				LOW	HIGH	OTHER	
B. Are sump pumps operating?				YES	NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES	NO		
C. Are the alarms or indicator lights on?				YES	NO	G. Check if a pump is out of service				Pump 1	Pump 2		
D. Any leaks in the manifold discharge piping				YES	NO								
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>62.3</u>											
P-2		<u>2763.7</u>											
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes				NORMAL	HIGH	D. Check liquid level in sump				LOW	HIGH	OTHER	
B. Are sump pumps operating				YES	NO	E. Is there any leak in the storage tanks and manifold discharge piping				YES	NO		
C. Alarm indicator Lights				YES	NO	F. Check if a pump is out of service				Pump 1	Pump 2		
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>2374.4</u>											
P-2		<u>3429.5</u>											
8. Carbon Adsorption System													
A. Air Compressors ON				YES	NO	BLOWER No. 1 (ETM)				<u>21542.1</u>			
B. Activated carbon canisters operating (On Line)				YES	NO	BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1						YES	NO						
B. Settlement along alignment of force main to Burr Avenue manhole						YES	NO						
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1		YES		NO									
Lift Station No. 2		YES		NO									
Decontamination Sump		YES		NO									
Storage Containment Sump		YES		NO									
Site Lighting		YES		NO									

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 7/18/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps														
	D-1				D-8				D-10					
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2			
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF		
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO		
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF		
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> OVERFLOW	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> OVERFLOW	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> OVERFLOW		
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO			
F. Elapsed Time Meter	975.0		21906.0		62193.7		30347.5		99826.2		54389.5			
2. Down-gradient and Curtain Drain				A. Is there settlement along alignment of down-gradient curtain drain								YES	<input checked="" type="checkbox"/> NO	
3. D-1 Force Main Totalizer				512328 x 100 =				D-1 Force Main Pressure						
4. Decon. Pumps (ETM)				P-1 61244.6				P-2 22798.9						
5. Lift Station No. 1														
A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump				LOW	HIGH	OTHER				
B. Are Sump Pumps Operating	YES			<input checked="" type="checkbox"/> NO			E. Check for leak in manifold leachate piping				<input checked="" type="checkbox"/> Checked <input checked="" type="checkbox"/> No Leak <input type="checkbox"/> Leak			
C. Alarm indicator Lights	YES			<input checked="" type="checkbox"/> NO										
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault						
P-1		11431.0												
P-2		5780.0												
6. Lift Station No. 2														
A. Settlement along buried section of force main				YES	<input checked="" type="checkbox"/> NO			E. Check liquid level around stop planks. Is the level,				<input checked="" type="checkbox"/> LOW	HIGH	OTHER
B. Are sump pumps operating?				YES	<input checked="" type="checkbox"/> NO			F. Check surface water in the Bay and Rip-Rap. Are				YES	<input checked="" type="checkbox"/> NO	
C. Are the alarms or indicator lights on?				YES	<input checked="" type="checkbox"/> NO			G. Check if a pump is out of service				Pump 1	Pump 2	
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault						
P-1		624												
P-2		2763.1												
7. Leachate Storage Containment Area and Sump														
A. Flow through sump weep holes				<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH	OTHER		
B. Are sump pumps operating				YES	<input checked="" type="checkbox"/> NO			E. Is there any leak in the storage tanks and manifold discharge piping				YES	<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights				YES	<input checked="" type="checkbox"/> NO			F. Check if a pump is out of service				Pump 1	Pump 2	
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault						
P-1		2374.4												
P-2		3429.5												
8. Carbon Adsorption System														
A. Air Compressors ON				YES	<input checked="" type="checkbox"/> NO			BLOWER No. 1 (ETM)				21542.1		
B. Activated carbon canisters operating (On Line)				YES	<input checked="" type="checkbox"/> NO			BLOWER No. 2 (ETM)						
9. Contract HP-877 Force Main Discharge to POTW														
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES	<input checked="" type="checkbox"/> NO									
B. Settlement along alignment of force main to Burr Avenue manhole				YES	<input checked="" type="checkbox"/> NO									
10. MOTOR CONTROL CENTER (MCC)														
A. Are all breakers, for the following equipment, in the ON position:														
Lift Station No. 1		<input checked="" type="checkbox"/> YES		NO										
Lift Station No. 2		<input checked="" type="checkbox"/> YES		NO										
Decontamination Sump		<input checked="" type="checkbox"/> YES		NO										
Storage Containment Sump		<input checked="" type="checkbox"/> YES		NO										
Site Lighting		<input checked="" type="checkbox"/> YES		NO										

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 7/12/99

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> OVERFLOW	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> OVERFLOW	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> OVERFLOW	
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		
F. Elapsed Time Meter	992.2		21906.0		62212.6		36394.1		99826.2		54380.9		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	<input checked="" type="checkbox"/> NO
3. D-1 Force Main Totalizer <u>513106</u> x 100 = <u>(9) 9.34</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>61256.5</u>				P-2				<u>22798.9</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH	OTHER			
B. Are Sump Pumps Operating	YES		<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping				<input checked="" type="checkbox"/> Checked	<input checked="" type="checkbox"/> No Leak		Leak	
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO										
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	<u>11934.7</u>												
P-2	<u>5780.0</u>												
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO		E. Check liquid level around stop planks. Is the level.				<input checked="" type="checkbox"/> LOW	HIGH	OTHER			
B. Are sump pumps operating?	YES		<input checked="" type="checkbox"/> NO		F. Check surface water in the Bay and Rip-Rap. Are				YES	<input checked="" type="checkbox"/> NO			
C. Are the alarms or indicator lights on?	YES		<input checked="" type="checkbox"/> NO		G. Check if any signs of leachate?								
D. Any leaks in the manifold discharge piping	YES		<input checked="" type="checkbox"/> NO		H. Check if a pump is out of service				Pump 1	Pump 2			
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	<u>6039</u>												
P-2	<u>2163.7</u>												
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL		HIGH	D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH	OTHER			
B. Are sump pumps operating	YES		<input checked="" type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping				YES	<input checked="" type="checkbox"/> NO			
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO		F. Check if a pump is out of service				Pump 1	Pump 2			
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	<u>2374.4</u>												
P-2	<u>3479.5</u>												
8. Carbon Adsorption System													
A. Air Compressors ON	YES		<input checked="" type="checkbox"/> NO		BLOWER No. 1 (ETM)				<u>21542.1</u>				
B. Activated carbon canisters operating (On Line)	YES		<input checked="" type="checkbox"/> NO		BLOWER No. 2 (ETM)								
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES				<input checked="" type="checkbox"/> NO								
B. Settlement along alignment of force main to Burr Avenue manhole	YES				<input checked="" type="checkbox"/> NO								
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<input checked="" type="checkbox"/> YES			NO									
Lift Station No. 2	<input checked="" type="checkbox"/> YES			NO									
Decontamination Sump	<input checked="" type="checkbox"/> YES			NO									
Storage Containment Sump	<input checked="" type="checkbox"/> YES			NO									
Site Lighting	<input checked="" type="checkbox"/> YES			NO									
Note: For noted deficiencies and problems provide description on form DP-1. Attach additional sheets if necessary.													

646-238-5034

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

DATE:

7/15/11

INSPECTED BY:

[Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> NO
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO
D. Liquid Level in Sump	HIGH		<input checked="" type="checkbox"/> LOW		HIGH		<input checked="" type="checkbox"/> LOW		HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		
F. Elapsed Time Meter	1004.4		2406.0		6224.4		36407.9		79826.2		5442.0		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	<input checked="" type="checkbox"/> NO
3. D-1 Force Main Totalizer <u>573659</u> x 100 = <u>57365.9</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>61262.3</u>				P-2				<u>22798.9</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	<input checked="" type="checkbox"/> LOW		<input checked="" type="checkbox"/> NORMAL		<input type="checkbox"/> HIGH		D. Check liquid level in sump		<input checked="" type="checkbox"/> LOW		<input type="checkbox"/> HIGH		OTHER
B. Are Sump Pumps Operating	YES		<input checked="" type="checkbox"/> NO				E. Check for leak in manifold leachate piping		<input checked="" type="checkbox"/> Checked		<input checked="" type="checkbox"/> No Leak		Leak
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO										
Pumps	Elapsed Time Meter		High Temp.		Seal Fail		Fault						
P-1	<u>11437.0</u>												
P-2	<u>5780.0</u>												
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES		<input checked="" type="checkbox"/> NO				E. Check liquid level around stop planks. Is the level,		<input checked="" type="checkbox"/> LOW		<input type="checkbox"/> HIGH		OTHER
B. Are sump pumps operating?	YES		<input checked="" type="checkbox"/> NO				F. Check surface water in the Bay and Rip-Rap. Are		YES		<input checked="" type="checkbox"/> NO		
C. Are the alarms or indicator lights on?	YES		<input checked="" type="checkbox"/> NO				G. Check if a pump is out of service		Pump 1		Pump 2		
D. Any leaks in the manifold discharge piping	YES		<input checked="" type="checkbox"/> NO										
Pumps	Elapsed Time Meter		High Temp.		Seal Fail		Fault						
P-1	<u>63.9</u>												
P-2	<u>7765.3</u>												
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL		<input type="checkbox"/> HIGH				D. Check liquid level in sump		<input checked="" type="checkbox"/> LOW		<input type="checkbox"/> HIGH		OTHER
B. Are sump pumps operating	YES		<input checked="" type="checkbox"/> NO				E. Is there any leak in the storage tanks and manifold discharge piping		YES		<input checked="" type="checkbox"/> NO		
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO				F. Check if a pump is out of service		Pump 1		Pump 2		
Pumps	Elapsed Time Meter		High Temp.		Seal Fail		Fault						
P-1	<u>2374.4</u>												
P-2	<u>3429.5</u>												
8. Carbon Adsorption System													
A. Air Compressors ON	YES		<input checked="" type="checkbox"/> NO				BLOWER No. 1 (ETM)		<u>21542.1</u>				
B. Activated carbon canisters operating (On Line)	YES		<input checked="" type="checkbox"/> NO				BLOWER No. 2 (ETM)						
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES		<input checked="" type="checkbox"/> NO										
B. Settlement along alignment of force main to Burr Avenue manhole	YES		<input checked="" type="checkbox"/> NO										
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO										
Lift Station No. 2	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO										
Decontamination Sump	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO										
Storage Containment Sump	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO										
Site Lighting	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO										

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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:

7/19/11

INSPECTED BY:

[Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> OVERFLOW	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> OVERFLOW	HIGH	<input checked="" type="checkbox"/> LOW	HIGH	<input checked="" type="checkbox"/> OVERFLOW	
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		
F. Elapsed Time Meter	1019.8		21906.0		62270.5		36434.3		99826.2		54482.9		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	<input checked="" type="checkbox"/> NO
3. D-1 Force Main Totalizer 51432.4 x 100 =													
D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1 61270.2 P-2 22798.9													
5. Lift Station No. 1													
A. Flow from Curtain Drain				<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> HIGH	D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER
B. Are Sump Pumps Operating				YES	<input checked="" type="checkbox"/> NO	E. Check for leak in manifold leachate piping				<input checked="" type="checkbox"/> Checked	<input checked="" type="checkbox"/> No Leak	<input type="checkbox"/> Leak	
C. Alarm indicator Lights				YES	<input checked="" type="checkbox"/> NO								
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		11939.7											
P-2		5780.0											
6. Lift Station No. 2													
A. Settlement along buried section of force main				YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,				<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER	
B. Are sump pumps operating?				YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are				YES	<input checked="" type="checkbox"/> NO		
C. Are the alarms or indicator lights on?				YES	<input checked="" type="checkbox"/> NO	there any signs of leachate?							
D. Any leaks in the manifold discharge piping				YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service				Pump 1	Pump 2		
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		65.5											
P-2		2765.3											
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes				<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> HIGH	D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER	
B. Are sump pumps operating				YES	<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping				YES	<input checked="" type="checkbox"/> NO		
C. Alarm indicator Lights				YES	<input checked="" type="checkbox"/> NO	Check if a pump is out of service				Pump 1	Pump 2		
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		2374.9											
P-2		3129.5											
8. Carbon Adsorption System													
A. Air Compressors ON				YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)				21542.1			
B. Activated carbon canisters operating (On Line)				YES	<input checked="" type="checkbox"/> NO	BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES	<input checked="" type="checkbox"/> NO								
B. Settlement along alignment of force main to Burr Avenue manhole				YES	<input checked="" type="checkbox"/> NO								
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO								
Lift Station No. 2				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO								
Decontamination Sump				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO								
Storage Containment Sump				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO								
Site Lighting				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO								

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 7/21/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	<u>Pump 1</u>		<u>Pump 2</u>		<u>Pump 1</u>		<u>Pump 2</u>		<u>Pump 1</u>		<u>Pump 2</u>		
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	
B. Running Light On	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	
D. Liquid Level in Sump	<u>HIGH</u>		<u>LOW</u>		<u>OVERFLOW</u>		<u>HIGH</u>		<u>LOW</u>		<u>OVERFLOW</u>		
E. Leak in Manifold Piping	<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		
F. Elapsed Time Meter	<u>1026.9</u>		<u>21906.0</u>		<u>62277.0</u>		<u>36451.1</u>		<u>99826.2</u>		<u>54507.0</u>		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												<u>YES</u>	<u>NO</u>
3. D-1 Force Main Totalizer <u>514610</u> x 100 = <u>51461.0</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>62270.9</u>				P-2				<u>22798.9</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	<u>HIGH</u>		D. Check liquid level in sump				<u>LOW</u>	<u>HIGH</u>	OTHER		
B. Are Sump Pumps Operating	<u>YES</u>		<u>NO</u>		E. Check for leak in manifold leachate piping				<u>Checked</u>	<u>No Leak</u>	Leak		
C. Alarm indicator Lights	<u>YES</u>		<u>NO</u>										
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault			
P-1		<u>11440.9</u>											
P-2		<u>5780.0</u>											
6. Lift Station No. 2													
A. Settlement along buried section of force main		<u>YES</u>	<u>NO</u>		E. Check liquid level around stop planks. Is the level,				<u>LOW</u>	<u>HIGH</u>	OTHER		
B. Are sump pumps operating?		<u>YES</u>		<u>NO</u>		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				<u>YES</u>	<u>NO</u>		
C. Are the alarms or indicator lights on?		<u>YES</u>		<u>NO</u>		G. Check if a pump is out of service				<u>Pump 1</u>	<u>Pump 2</u>		
D. Any leaks in the manifold discharge piping		<u>YES</u>		<u>NO</u>									
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault			
P-1		<u>65.5</u>											
P-2		<u>2765.3</u>											
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes		<u>NORMAL</u>	<u>HIGH</u>		D. Check liquid level in sump				<u>LOW</u>	<u>HIGH</u>	OTHER		
B. Are sump pumps operating		<u>YES</u>		<u>NO</u>		E. Is there any leak in the storage tanks and manifold discharge piping				<u>YES</u>	<u>NO</u>		
C. Alarm indicator Lights		<u>YES</u>		<u>NO</u>		F. Check if a pump is out of service				<u>Pump 1</u>	<u>Pump 2</u>		
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault			
P-1		<u>2379.4</u>											
P-2		<u>5429.5</u>											
8. Carbon Adsorption System													
A. Air Compressors ON		<u>YES</u>		<u>NO</u>		BLOWER No. 1 (ETM)		<u>21542.1</u>					
B. Activated carbon canisters operating (On Line)		<u>YES</u>		<u>NO</u>		BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1		<u>YES</u>		<u>NO</u>									
B. Settlement along alignment of force main to Burr Avenue manhole		<u>YES</u>		<u>NO</u>									
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1		<u>YES</u>		<u>NO</u>									
Lift Station No. 2		<u>YES</u>		<u>NO</u>									
Decontamination Sump		<u>YES</u>		<u>NO</u>									
Storage Containment Sump		<u>YES</u>		<u>NO</u>									
Site Lighting		<u>YES</u>		<u>NO</u>									

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 7/26/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF			
B. Running Light On	<input checked="" type="radio"/> YES	<input checked="" type="radio"/> NO	<input checked="" type="radio"/> YES	<input checked="" type="radio"/> NO	<input checked="" type="radio"/> YES	<input checked="" type="radio"/> NO	<input checked="" type="radio"/> YES	<input checked="" type="radio"/> NO	<input checked="" type="radio"/> YES	<input checked="" type="radio"/> NO	<input checked="" type="radio"/> YES	<input checked="" type="radio"/> NO			
C. Selector Switch Position	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO			
D. Liquid Level in Sump	HIGH		<input checked="" type="radio"/> LOW		OVERFLOW		<input checked="" type="radio"/> LOW		OVERFLOW		<input checked="" type="radio"/> LOW				
E. Leak in Manifold Piping	YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO				
F. Elapsed Time Meter	1041.4		11906.0		62308.6		36475.4		99826.2		54566.3				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain										<input checked="" type="radio"/> YES		<input type="radio"/> NO			
3. D-1 Force Main Totalizer <u>515219</u> x 100 = <u>51521.9</u>															
4. Decon. Pumps (ETM)															
P-1				<u>61272.6</u>				P-2				<u>22778.9</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain				<input checked="" type="radio"/> LOW				<input type="radio"/> NORMAL				<input type="radio"/> HIGH			
B. Are Sump Pumps Operating				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO							
C. Alarm indicator Lights				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO							
D. Check liquid level in sump				<input checked="" type="radio"/> LOW				<input type="radio"/> HIGH				<input type="radio"/> OTHER			
E. Check for leak in manifold leachate piping				<input checked="" type="radio"/> Checked				<input checked="" type="radio"/> No Leak				<input type="radio"/> Leak			
Pumps				Elapsed Time Meter				High Temp.				Seal Fail			
P-1				<u>11443.7</u>											
P-2				<u>5780.0</u>											
6. Lift Station No. 2															
A. Settlement along buried section of force main				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO				E. Check liquid level around stop planks. Is the level,			
B. Are sump pumps operating?				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO				F. Check surface water in the Bay and Rip-Rap. Are			
C. Are the alarms or indicator lights on?				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO				there any signs of leachate?			
D. Any leaks in the manifold discharge piping				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO				Check if a pump is out of service			
Pumps				Elapsed Time Meter				High Temp.				Seal Fail			
P-1				<u>65.5</u>											
P-2				<u>2767.0</u>											
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes				<input checked="" type="radio"/> NORMAL				<input type="radio"/> HIGH				D. Check liquid level in sump			
B. Are sump pumps operating				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO				E. Is there any leak in the storage tanks and manifold discharge piping			
C. Alarm indicator Lights				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO				F. Check if a pump is out of service			
Pumps				Elapsed Time Meter				High Temp.				Seal Fail			
P-1				<u>2384.4</u>											
P-2				<u>3429.5</u>											
8. Carbon Adsorption System															
A. Air Compressors ON				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO				BLOWER No. 1 (ETM)			
B. Activated carbon canisters operating (On Line)				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO				BLOWER No. 2 (ETM)			
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO							
B. Settlement along alignment of force main to Burr Avenue manhole				<input checked="" type="radio"/> YES				<input checked="" type="radio"/> NO							
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1				<input checked="" type="radio"/> YES				<input type="radio"/> NO							
Lift Station No. 2				<input checked="" type="radio"/> YES				<input type="radio"/> NO							
Decontamination Sump				<input checked="" type="radio"/> YES				<input type="radio"/> NO							
Storage Containment Sump				<input checked="" type="radio"/> YES				<input type="radio"/> NO							
Site Lighting				<input checked="" type="radio"/> YES				<input type="radio"/> NO							

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 7/28/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>		
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>		
F. Elapsed Time Meter	<u>1046.4</u>		<u>21906.0</u>		<u>62323.2</u>		<u>36483.5</u>		<u>99826.2</u>		<u>54590.2</u>		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	<u>NO</u>
3. D-1 Force Main Totalizer <u>515418</u> x 100 = <u>51541.8</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>61276.4</u>				P-2				<u>22798.9</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH		D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER					
B. Are Sump Pumps Operating	YES	<u>NO</u>			E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak					
C. Alarm indicator Lights	YES	<u>NO</u>											
Pumps	Elapsed Time Meter				High Temp.	Seal Fail			Fault				
P-1	<u>11445.1</u>												
P-2	<u>5780.0</u>												
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES	<u>NO</u>			E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER					
B. Are sump pumps operating?	YES	<u>NO</u>			F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>						
C. Are the alarms or indicator lights on?	YES	<u>NO</u>			G. Check if a pump is out of service	Pump 1	Pump 2						
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>											
Pumps	Elapsed Time Meter				High Temp.	Seal Fail			Fault				
P-1	<u>65.3</u>												
P-2	<u>7767.0</u>												
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<u>NORMAL</u>	HIGH			D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER					
B. Are sump pumps operating	YES	<u>NO</u>			E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>						
C. Alarm indicator Lights	YES	<u>NO</u>			F. Check if a pump is out of service	Pump 1	Pump 2						
Pumps	Elapsed Time Meter				High Temp.	Seal Fail			Fault				
P-1	<u>2374.4</u>												
P-2	<u>3429.5</u>												
8. Carbon Adsorption System													
A. Air Compressors ON	YES	<u>NO</u>			BLOWER No. 1 (ETM)	<u>21542.1</u>							
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>			BLOWER No. 2 (ETM)								
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>											
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>											
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<u>YES</u>	NO											
Lift Station No. 2	<u>YES</u>	NO											
Decontamination Sump	<u>YES</u>	NO											
Storage Containment Sump	<u>YES</u>	NO											
Site Lighting	<u>YES</u>	NO											

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

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

JULY 2011

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	OK	OK	OK	OK	OK	OK	OK	OK	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	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK


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	OK	-	OK	OK	OK	OK	OK		-
2	Silt Accumulation	OK	OK	OK	-	OK	OK	OK	OK	OK		-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	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		-
6	Flow into manhole or sump	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
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

DATE: 7/27/11

Tech: John Matthews

Signature: 

PELHAM BAY LANDFILL																		
GROUNDWATER LEACHATE BI-WEEKLY INSPECTION SUMMARY REPORT (GWL-1)																		
Month: AUGUST 2011																		
DATE	P.S. -D1 to WWTP Totalizer Reading (100 gals)	Downgradient Collection Sumps																Remarks and Deficiencies
		ELAPSED TIME METER READINGS (Minutes)						ELAPSED TIME METER READINGS (Hours)										
		Decon Pumps		D-8		D-10		D-1		Lift Sta. No. 1		Lift Sta. No. 2		Leachate Storage Containment Sump				
		Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2			
		Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2			
2-Aug	515856	61288.5	22798.9	62344.4	36510.1	99826.2	54641.7	99826.2	54641.7	1057.3	21906.0	11448.3	5780.0	67.3	2767.0	2374.4	3429.5	
4-Aug	516034	61301.2	22798.9	62351.7	36521.6	99826.2	54663.0	99826.2	54663.0	1061.6	21906.0	11449.9	5780.0	67.3	2768.6	2374.4	3429.5	
9-Aug	516459	61311.7	22798.9	62369.7	36551.6	99826.2	54715.6	99826.2	54715.6	1072.2	21906.0	11453.6	5780.0	67.3	2768.6	2374.4	3429.5	
11-Aug	516690	61355.9	22798.9	62378.9	36566.2	99826.2	54743.8	99826.2	54743.8	1077.7	21906.0	11460.7	5781.3	68.8	2768.6	2374.4	3430.0	
16-Aug	519137	61502.6	22798.9	62428.3	36601.6	99826.2	54846.2	99826.2	54846.2	1134.5	21922.2	11499.8	5802.0	68.6	2770.4	2388.1	3445.7	
18-Aug	520621	61502.6	22798.9	62428.3	36601.6	99826.2	54846.1	99826.2	54846.1	1168.6	21928.2	11513.5	5802.1	68.8	2770.4	2388.1	3445.7	
24-Aug	522649	61516.2	22798.9	62499.9	36669.0	99826.2	55028.6	99826.2	55028.6	1213.7	21928.2	11551.8	5802.1	70.7	2772.0	2388.1	3445.7	
26-Aug	523030	61527.9	22798.9	62521.5	36687.5	99826.2	55074.8	99826.2	55074.8	1223.5	21928.1	11579.6	5802.4	72.3	2772.0	2388.1	3445.7	
30-Aug	523821	61534.5	22798.9	62556.7	36722.6	99826.2	55121.2	99826.2	55121.2	1224.5	21937.7	11604.7	5814.5	72.3	2775.1	2409.5	3464.8	

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

DATE:

8/2/11

INSPECTED BY:

[Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	
B. Running Light On	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	
C. Selector Switch Position	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	
D. Liquid Level in Sump	HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW		
E. Leak in Manifold Piping	YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		
F. Elapsed Time Meter	1057.3		21906.0		62344.4		36510.1		99826.2		54041.7		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain											YES	<input checked="" type="radio"/> NO	
3. D-1 Force Main Totalizer <u>515856</u> x 100 = <u>51585.6</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>61288.5</u>				P-2				<u>22798.9</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<input checked="" type="radio"/> NORMAL	HIGH	D. Check liquid level in sump				<input checked="" type="radio"/> LOW	HIGH	OTHER			
B. Are Sump Pumps Operating	YES		<input checked="" type="radio"/> NO		E. Check for leak in manifold leachate piping				<input checked="" type="radio"/> Checked	<input checked="" type="radio"/> No Leak	Leak		
C. Alarm indicator Lights	YES		<input checked="" type="radio"/> NO										
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault
P-1	<u>11448.3</u>												
P-2	<u>5780.0</u>												
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES	<input checked="" type="radio"/> NO		E. Check liquid level around stop planks. Is the level,				<input checked="" type="radio"/> LOW	HIGH	OTHER			
B. Are sump pumps operating?	YES		<input checked="" type="radio"/> NO		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES	<input checked="" type="radio"/> NO			
C. Are the alarms or indicator lights on?	YES		<input checked="" type="radio"/> NO		G. Check if a pump is out of service				Pump 1	Pump 2			
D. Any leaks in the manifold discharge piping	YES		<input checked="" type="radio"/> NO						Pump 1	Pump 2			
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault
P-1	<u>673</u>												
P-2	<u>2763.0</u>												
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	NORMAL		HIGH		D. Check liquid level in sump				<input checked="" type="radio"/> LOW	HIGH	OTHER		
B. Are sump pumps operating	YES		<input checked="" type="radio"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping				YES	<input checked="" type="radio"/> NO			
C. Alarm indicator Lights	YES		<input checked="" type="radio"/> NO		F. Check if a pump is out of service				Pump 1	Pump 2			
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault
P-1	<u>2374.4</u>												
P-2	<u>3429.5</u>												
8. Carbon Adsorption System													
A. Air Compressors ON	YES		<input checked="" type="radio"/> NO		BLOWER No. 1 (ETM)				<u>215421</u>				
B. Activated carbon canisters operating (On Line)	YES		<input checked="" type="radio"/> NO		BLOWER No. 2 (ETM)								
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES				<input checked="" type="radio"/> NO								
B. Settlement along alignment of force main to Burr Avenue manhole	YES				<input checked="" type="radio"/> NO								
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<input checked="" type="radio"/> YES				NO								
Lift Station No. 2	<input checked="" type="radio"/> YES				NO								
Decontamination Sump	<input checked="" type="radio"/> YES				NO								
Storage Containment Sump	<input checked="" type="radio"/> YES				NO								
Site Lighting	<input checked="" type="radio"/> YES				NO								

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 8/4/11

INSPECTED BY: pm

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF			
B. Running Light On	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO			
C. Selector Switch Position	HAND	<input checked="" type="radio"/> OFF	AUTO	<input checked="" type="radio"/> HAND	HAND	<input checked="" type="radio"/> OFF	AUTO	<input checked="" type="radio"/> HAND	HAND	<input checked="" type="radio"/> OFF	AUTO	<input checked="" type="radio"/> HAND			
D. Liquid Level in Sump	HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW				
E. Leak in Manifold Piping	YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO				
F. Elapsed Time Meter	1001.6		21906.0		62351.7		36521.6		99824.2		54003.0				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain												YES	<input checked="" type="radio"/> NO		
3. D-1 Force Main Totalizer <u>1576034</u> x 100 = <u>157603.4</u> D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				<u>61301.2</u>				P-2				<u>22798.9</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain	LOW		<input checked="" type="radio"/> NORMAL		HIGH		D. Check liquid level in sump		<input checked="" type="radio"/> LOW		HIGH		OTHER		
B. Are Sump Pumps Operating	YES		<input checked="" type="radio"/> NO		E. Check for leak in manifold leachate piping		<input checked="" type="radio"/> Checked		<input checked="" type="radio"/> No Leak		Leak				
C. Alarm indicator Lights	YES		<input checked="" type="radio"/> NO												
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>11499.9</u>													
P-2		<u>5780.0</u>													
6. Lift Station No. 2															
A. Settlement along buried section of force main	YES		<input checked="" type="radio"/> NO		E. Check liquid level around stop planks. Is the level.		<input checked="" type="radio"/> LOW		HIGH		OTHER				
B. Are sump pumps operating?	YES		<input checked="" type="radio"/> NO		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?		YES		<input checked="" type="radio"/> NO						
C. Are the alarms or indicator lights on?	YES		<input checked="" type="radio"/> NO		G. Check if a pump is out of service		Pump 1		Pump 2						
D. Any leaks in the manifold discharge piping	YES		<input checked="" type="radio"/> NO												
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>6713</u>													
P-2		<u>2108.6</u>													
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes	<input checked="" type="radio"/> NORMAL		HIGH		D. Check liquid level in sump		<input checked="" type="radio"/> LOW		HIGH		OTHER				
B. Are sump pumps operating	YES		<input checked="" type="radio"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping		YES		<input checked="" type="radio"/> NO						
C. Alarm indicator Lights	YES		<input checked="" type="radio"/> NO		F. Check if a pump is out of service		Pump 1		Pump 2						
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>2374.4</u>													
P-2		<u>3429.5</u>													
8. Carbon Adsorption System															
A. Air Compressors ON	YES		<input checked="" type="radio"/> NO		BLOWER No. 1 (ETM)		<u>21542.1</u>								
B. Activated carbon canisters operating (On Line)	YES		<input checked="" type="radio"/> NO		BLOWER No. 2 (ETM)										
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES		<input checked="" type="radio"/> NO												
B. Settlement along alignment of force main to Burr Avenue manhole	YES		<input checked="" type="radio"/> NO												
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1		<input checked="" type="radio"/> YES		NO											
Lift Station No. 2		<input checked="" type="radio"/> YES		NO											
Decontamination Sump		<input checked="" type="radio"/> YES		NO											
Storage Containment Sump		<input checked="" type="radio"/> YES		NO											
Site Lighting		<input checked="" type="radio"/> YES		NO											

CSO 6-8 PM on 8/3

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 8/9/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	
C. Selector Switch Position	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	
D. Liquid Level in Sump	HIGH		LOW		OVERFLOW		HIGH		LOW		OVERFLOW		
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		
F. Elapsed Time Meter	1072.2		21906.0		62369.7		36551.6		99826.2		54715.6		
2. Down-gradient and Curtain Drain				A. Is there settlement along alignment of down-gradient curtain drain								YES	<input checked="" type="checkbox"/> NO
3. D-1 Force Main Totalizer <u>51645.9</u> x 100 =				D-1 Force Main Pressure									
4. Decon. Pumps (ETM)				P-1	<u>61311.7</u>				P-2	<u>22798.9</u>			
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump				LOW	HIGH	OTHER			
B. Are Sump Pumps Operating	YES		<input checked="" type="checkbox"/> NO	E. Check for leak in manifold leachate piping				Checked	<input checked="" type="checkbox"/> No Leak	Leak			
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO										
Pumps	Elapsed Time Meter			High Temp.				Seal Fail		Fault			
P-1	<u>11453.6</u>												
P-2	<u>5780.0</u>												
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,				LOW	HIGH	OTHER				
B. Are sump pumps operating?	YES		<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES	<input checked="" type="checkbox"/> NO				
C. Are the alarms or indicator lights on?	YES		<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service				Pump 1	Pump 2				
D. Any leaks in the manifold discharge piping	YES		<input checked="" type="checkbox"/> NO										
Pumps	Elapsed Time Meter			High Temp.				Seal Fail		Fault			
P-1	<u>627168.6</u>												
P-2													
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump				LOW	HIGH	OTHER				
B. Are sump pumps operating	YES		<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping				YES	<input checked="" type="checkbox"/> NO				
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service				Pump 1	Pump 2				
Pumps	Elapsed Time Meter			High Temp.				Seal Fail		Fault			
P-1	<u>2374.4</u>												
P-2	<u>3429.5</u>												
8. Carbon Adsorption System													
A. Air Compressors ON				YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)		<u>21542.1</u>					
B. Activated carbon canisters operating (On Line)				YES	<input checked="" type="checkbox"/> NO	BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES	<input checked="" type="checkbox"/> NO								
B. Settlement along alignment of force main to Burr Avenue manhole				YES	<input checked="" type="checkbox"/> NO								
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<input checked="" type="checkbox"/> YES			NO									
Lift Station No. 2	<input checked="" type="checkbox"/> YES			NO									
Decontamination Sump	<input checked="" type="checkbox"/> YES			NO									
Storage Containment Sump	<input checked="" type="checkbox"/> YES			NO									
Site Lighting	<input checked="" type="checkbox"/> YES			NO									

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 8/11/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF			
B. Running Light On	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO			
C. Selector Switch Position	HAND	<input type="radio"/> OFF	<input checked="" type="radio"/> AUTO	HAND	<input type="radio"/> OFF	<input checked="" type="radio"/> AUTO	HAND	<input type="radio"/> OFF	<input checked="" type="radio"/> AUTO	HAND	<input type="radio"/> OFF	<input checked="" type="radio"/> AUTO			
D. Liquid Level in Sump	HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW				
E. Leak in Manifold Piping	YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO				
F. Elapsed Time Meter	1077.7		24906.0		62378.9		36566.2		99826.2		54743.8				
2. Down-gradient and Curtain Drain <u>516690</u> A. Is there settlement along alignment of down-gradient curtain drain															
												YES	<input checked="" type="radio"/> NO		
3. D-1 Force Main Totalizer x 100 = <u>61355.9</u> D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				<u>61355.9</u>				P-2				<u>22798.9</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain				<input checked="" type="radio"/> LOW				<input checked="" type="radio"/> NORMAL				HIGH			
B. Are Sump Pumps Operating				YES				<input checked="" type="radio"/> NO							
C. Alarm indicator Lights				YES				<input checked="" type="radio"/> NO							
Pumps				Elapsed Time Meter				High Temp.				Seal Fail			
P-1				<u>11460.1</u>											
P-2				<u>5181.3</u>											
6. Lift Station No. 2															
A. Settlement along buried section of force main				YES				<input checked="" type="radio"/> NO							
B. Are sump pumps operating?				YES				<input checked="" type="radio"/> NO							
C. Are the alarms or indicator lights on?				YES				<input checked="" type="radio"/> NO							
D. Any leaks in the manifold discharge piping				YES				<input checked="" type="radio"/> NO							
Pumps				Elapsed Time Meter				High Temp.				Seal Fail			
P-1				<u>68.8</u>											
P-2				<u>2768.6</u>											
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes				<input checked="" type="radio"/> NORMAL				HIGH							
B. Are sump pumps operating				YES				<input checked="" type="radio"/> NO							
C. Alarm indicator Lights				YES				<input checked="" type="radio"/> NO							
Pumps				Elapsed Time Meter				High Temp.				Seal Fail			
P-1				<u>2374.4</u>											
P-2				<u>3430.0</u>											
8. Carbon Adsorption System															
A. Air Compressors ON				YES				<input checked="" type="radio"/> NO							
B. Activated carbon canisters operating (On Line)				YES				<input checked="" type="radio"/> NO							
								BLOWER No. 1 (ETM)				<u>21542.1</u>			
								BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES				<input checked="" type="radio"/> NO							
B. Settlement along alignment of force main to Burr Avenue manhole				YES				<input checked="" type="radio"/> NO							
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1				<input checked="" type="radio"/> YES				NO							
Lift Station No. 2				<input checked="" type="radio"/> YES				NO							
Decontamination Sump				<input checked="" type="radio"/> YES				NO							
Storage Containment Sump				<input checked="" type="radio"/> YES				NO							
Site Lighting				<input checked="" type="radio"/> YES				NO							

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 8/16/11

INSPECTED BY: pm

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF			
B. Running Light On	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO			
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO			
D. Liquid Level in Sump	HIGH		LOW		OVERFLOW		HIGH		LOW		OVERFLOW				
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO				
F. Elapsed Time Meter	1134.5		21922.2		62428.3		30601.6		79826.2		54846.2				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain										YES	NO				
3. D-1 Force Main Totalizer <u>519137</u> x 100 = <u>51913.7</u> D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				<u>61502.6</u>				P-2				<u>22178.7</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain	LOW	NORMAL	HIGH	D. Check liquid level in sump				LOW	HIGH	OTHER					
B. Are Sump Pumps Operating	YES			NO			E. Check for leak in manifold leachate piping				Checked	No Leak	Leak		
C. Alarm indicator Lights	YES			NO											
Pumps		Elapsed Time Meter			High Temp.			Seal Fail			Fault				
P-1		11499.8													
P-2		5802.0													
6. Lift Station No. 2															
A. Settlement along buried section of force main	YES	NO			E. Check liquid level around stop planks. Is the level,				LOW	HIGH	OTHER				
B. Are sump pumps operating?	YES			NO			F. Check surface water in the Bay and Rip-Rap. Are				YES	NO			
C. Are the alarms or indicator lights on?	YES			NO			there any signs of leachate?								
D. Any leaks in the manifold discharge piping	YES			NO			G. Check if a pump is out of service				Pump 1	Pump 2			
Pumps		Elapsed Time Meter			High Temp.			Seal Fail			Fault				
P-1		68.8													
P-2		2710.4													
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes	NORMAL		HIGH		D. Check liquid level in sump				LOW	HIGH	OTHER				
B. Are sump pumps operating	YES			NO			E. Is there any leak in the storage tanks and manifold discharge piping				YES	NO			
C. Alarm indicator Lights	YES			NO			F. Check if a pump is out of service				Pump 1	Pump 2			
Pumps		Elapsed Time Meter			High Temp.			Seal Fail			Fault				
P-1		2788													
P-2		3445.7													
8. Carbon Adsorption System															
A. Air Compressors ON				YES	NO			BLOWER No. 1 (ETM)		215421					
B. Activated carbon canisters operating (On Line)				YES	NO			BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES	NO										
B. Settlement along alignment of force main to Burr Avenue manhole				YES	NO										
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1		YES		NO											
Lift Station No. 2		YES		NO											
Decontamination Sump		YES		NO											
Storage Containment Sump		YES		NO											
Site Lighting		YES		NO											

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 8/18/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
B. Running Light On	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> NO
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND
D. Liquid Level in Sump	HIGH		LOW		HIGH		LOW		HIGH		LOW		OVERFLOW
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO		OVERFLOW
F. Elapsed Time Meter	1168.6		24928.2		62428.3		36601.6		99826.2		54846.1		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
3. D-1 Force Main Totalizer <u>57062.1</u> x 100 = <u>5706.21</u>													
4. Decon. Pumps (ETM)													
P-1				<u>61502.6</u>				P-2				<u>22798.9</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	NORMAL	<input checked="" type="checkbox"/> HIGH		D. Check liquid level in sump				LOW	HIGH	OTHER		
B. Are Sump Pumps Operating	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		E. Check for leak in manifold leachate piping				<input checked="" type="checkbox"/> Checked	<input type="checkbox"/> No Leak	<input type="checkbox"/> Leak			
C. Alarm indicator Lights	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO										
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault
P-1	<u>11573.5</u>												
P-2	<u>5802.1</u>												
6. Lift Station No. 2													
A. Settlement along buried section of force main				YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,				<input checked="" type="checkbox"/> LOW	HIGH	OTHER	
B. Are sump pumps operating?				YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES	<input checked="" type="checkbox"/> NO		
C. Are the alarms or indicator lights on?				YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service				Pump 1	Pump 2		
D. Any leaks in the manifold discharge piping				YES	<input checked="" type="checkbox"/> NO								
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault
P-1	<u>688</u>												
P-2	<u>2770.4</u>												
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes				<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH	OTHER	
B. Are sump pumps operating				YES	<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping				YES	<input checked="" type="checkbox"/> NO		
C. Alarm indicator Lights				YES	<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service				Pump 1	Pump 2		
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault
P-1	<u>2388.1</u>												
P-2	<u>3445.7</u>												
8. Carbon Adsorption System													
A. Air Compressors ON				YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)				<u>21592.1</u>			
B. Activated carbon canisters operating (On Line)				YES	<input checked="" type="checkbox"/> NO	BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES	<input checked="" type="checkbox"/> NO								
B. Settlement along alignment of force main to Burr Avenue manhole				YES	<input checked="" type="checkbox"/> NO								
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<input checked="" type="checkbox"/> YES				NO								
Lift Station No. 2	<input checked="" type="checkbox"/> YES				NO								
Decontamination Sump	<input checked="" type="checkbox"/> YES				NO								
Storage Containment Sump	<input checked="" type="checkbox"/> YES				NO								
Site Lighting	<input checked="" type="checkbox"/> YES				NO								
<u>Storage tanks 1/2 full</u>													
Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 8/24/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps												
	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<input checked="" type="radio"/> ON	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> ON	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> ON	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> ON	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> ON	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> ON	<input checked="" type="radio"/> OFF
B. Running Light On	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO
C. Selector Switch Position	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO
D. Liquid Level in Sump	HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW		HIGH		<input checked="" type="radio"/> LOW	
E. Leak in Manifold Piping	YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO	
F. Elapsed Time Meter	1213.7		21928.2		62499.9		36669.0		99826.2		55028.6	
2. Down-gradient and Curtain Drain												
A. Is there settlement along alignment of down-gradient curtain drain										YES		<input checked="" type="radio"/> NO
3. D-1 Force Main Totalizer <u>522649</u> x 100 = <u>52264.9</u> D-1 Force Main Pressure												
4. Decon. Pumps (ETM)												
P-1				<u>61516.2</u>				P-2				<u>22798.9</u>
5. Lift Station No. 1												
A. Flow from Curtain Drain	LOW	<input checked="" type="radio"/> NORMAL	HIGH		D. Check liquid level in sump		<input checked="" type="radio"/> LOW	HIGH		OTHER		
B. Are Sump Pumps Operating	YES		<input checked="" type="radio"/> NO		E. Check for leak in manifold leachate piping		<input checked="" type="radio"/> Checked	<input checked="" type="radio"/> No Leak		Leak		
C. Alarm indicator Lights	YES		<input checked="" type="radio"/> NO									
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault				
P-1		<u>11551.8</u>										
P-2		<u>5802.1</u>										
6. Lift Station No. 2												
A. Settlement along buried section of force main		YES		<input checked="" type="radio"/> NO		E. Check liquid level around stop planks. Is the level,		<input checked="" type="radio"/> LOW	HIGH		OTHER	
B. Are sump pumps operating?		YES		<input checked="" type="radio"/> NO		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?		YES		<input checked="" type="radio"/> NO		
C. Are the alarms or indicator lights on?		YES		<input checked="" type="radio"/> NO		G. Check if a pump is out of service		Pump 1		Pump 2		
D. Any leaks in the manifold discharge piping		YES		<input checked="" type="radio"/> NO								
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault				
P-1		<u>70.7</u>										
P-2		<u>2712.0</u>										
7. Leachate Storage Containment Area and Sump												
A. Flow through sump weep holes		<input checked="" type="radio"/> NORMAL		HIGH		D. Check liquid level in sump		<input checked="" type="radio"/> LOW	HIGH		OTHER	
B. Are sump pumps operating		YES		<input checked="" type="radio"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping		YES		<input checked="" type="radio"/> NO		
C. Alarm indicator Lights		YES		<input checked="" type="radio"/> NO		F. Check if a pump is out of service		Pump 1		Pump 2		
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault				
P-1		<u>2388.1</u>										
P-2		<u>3445.7</u>										
8. Carbon Adsorption System												
A. Air Compressors ON		YES		<input checked="" type="radio"/> NO		BLOWER No. 1 (ETM)		<u>2542.1</u>				
B. Activated carbon canisters operating (On Line)		YES		<input checked="" type="radio"/> NO		BLOWER No. 2 (ETM)						
9. Contract HP-877 Force Main Discharge to POTW												
A. Leakage from pipe-work in valve box beside Lift Station No. 1		YES		<input checked="" type="radio"/> NO								
B. Settlement along alignment of force main to Burr Avenue manhole		YES		<input checked="" type="radio"/> NO								
10. MOTOR CONTROL CENTER (MCC)												
A. Are all breakers, for the following equipment, in the ON position:												
Lift Station No. 1.		<input checked="" type="radio"/> YES		NO								
Lift Station No. 2		<input checked="" type="radio"/> YES		NO								
Decontamination Sump		<input checked="" type="radio"/> YES		NO								
Storage Containment Sump		<input checked="" type="radio"/> YES		NO								
Site Lighting		<input checked="" type="radio"/> YES		NO								

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 8/29/11

INSPECTED BY: MA

1. Down-gradient Collection Sumps														
	D-1				D-8				D-10					
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2			
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	
D. Liquid Level in Sump	HIGH		<input checked="" type="checkbox"/> LOW		HIGH		<input checked="" type="checkbox"/> LOW		HIGH		<input checked="" type="checkbox"/> LOW		HIGH	
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES	
F. Elapsed Time Meter	1223.5		2428.1		6252.5		30687.5		99826.2		55074.8			
2. Down-gradient and Curtain Drain														
A. Is there settlement along alignment of down-gradient curtain drain										YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>				
3. D-1 Force Main Totalizer <u>523030</u> x 100 = <u>52303</u>														
D-1 Force Main Pressure														
4. Decon. Pumps (ETM)														
P-1 <u>61527.9</u>				P-2 <u>22798.9</u>										
5. Lift Station No. 1														
A. Flow from Curtain Drain				LOW <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> HIGH <input type="checkbox"/>		D. Check liquid level in sump				LOW <input checked="" type="checkbox"/> HIGH <input type="checkbox"/> OTHER <input type="checkbox"/>				
B. Are Sump Pumps Operating				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		E. Check for leak in manifold leachate piping				Checked <input checked="" type="checkbox"/> No Leak <input type="checkbox"/> Leak <input type="checkbox"/>				
C. Alarm indicator Lights				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>										
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault						
P-1		<u>11579.6</u>												
P-2		<u>5802.4</u>												
6. Lift Station No. 2														
A. Settlement along buried section of force main				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		E. Check liquid level around stop planks. Is the level,				LOW <input checked="" type="checkbox"/> HIGH <input type="checkbox"/> OTHER <input type="checkbox"/>				
B. Are sump pumps operating?				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>				
C. Are the alarms or indicator lights on?				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		G. Check if a pump is out of service				Pump 1 <input type="checkbox"/> Pump 2 <input type="checkbox"/>				
D. Any leaks in the manifold discharge piping				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>										
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault						
P-1		<u>12-3</u>												
P-2		<u>7-7 2.0</u>												
7. Leachate Storage Containment Area and Sump														
A. Flow through sump weep holes				NORMAL <input checked="" type="checkbox"/> HIGH <input type="checkbox"/>		D. Check liquid level in sump				LOW <input checked="" type="checkbox"/> HIGH <input type="checkbox"/> OTHER <input type="checkbox"/>				
B. Are sump pumps operating				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		E. Is there any leak in the storage tanks and manifold discharge piping				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>				
C. Alarm indicator Lights				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		F. Check if a pump is out of service				Pump 1 <input type="checkbox"/> Pump 2 <input type="checkbox"/>				
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault						
P-1		<u>2388.1</u>												
P-2		<u>3445.7</u>												
8. Carbon Adsorption System														
A. Air Compressors ON				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		BLOWER No. 1 (ETM)				<u>21545.1</u>				
B. Activated carbon canisters operating (On Line)				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		BLOWER No. 2 (ETM)								
9. Contract HP-877 Force Main Discharge to POTW														
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		<u>2180</u>								
B. Settlement along alignment of force main to Burr Avenue manhole				YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>										
10. MOTOR CONTROL CENTER (MCC)														
A. Are all breakers, for the following equipment, in the ON position:														
Lift Station No. 1		<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO										
Lift Station No. 2		<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO										
Decontamination Sump		<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO										
Storage Containment Sump		<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO										
Site Lighting		<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO										

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 8/30/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF			
B. Running Light On	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO			
C. Selector Switch Position	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO			
D. Liquid Level in Sump	HIGH		<input checked="" type="checkbox"/> LOW		HIGH		<input checked="" type="checkbox"/> LOW		HIGH		<input checked="" type="checkbox"/> LOW				
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO				
F. Elapsed Time Meter	1224.5		21937.7		62556.7		36722.6		99826.2		55781.2				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain										<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO			
3. D-1 Force Main Totalizer <u>523821</u> x 100 = <u>52382.1</u>															
D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				<u>61539.5</u>				P-2				<u>22798.9</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain	LOW		<input checked="" type="checkbox"/> NORMAL		HIGH		D. Check liquid level in sump		<input checked="" type="checkbox"/> LOW		HIGH		OTHER		
B. Are Sump Pumps Operating	YES		<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping		<input checked="" type="checkbox"/> Checked		<input checked="" type="checkbox"/> No Leak		<input type="checkbox"/> Leak				
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO												
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>11604.7</u>													
P-2		<u>5814.5</u>													
6. Lift Station No. 2															
A. Settlement along buried section of force main	YES		<input checked="" type="checkbox"/> NO		E. Check liquid level around stop planks. Is the level,		<input checked="" type="checkbox"/> LOW		HIGH		OTHER				
B. Are sump pumps operating?	YES		<input checked="" type="checkbox"/> NO		F. Check surface water in the Bay and Rip-Rap. Are		YES		<input checked="" type="checkbox"/> NO						
C. Are the alarms or indicator lights on?	YES		<input checked="" type="checkbox"/> NO		G. Check if a pump is out of service		Pump 1		Pump 2						
D. Any leaks in the manifold discharge piping	YES		<input checked="" type="checkbox"/> NO												
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>745</u>													
P-2		<u>2775.1</u>													
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL		HIGH		D. Check liquid level in sump		<input checked="" type="checkbox"/> LOW		HIGH		OTHER				
B. Are sump pumps operating	YES		<input checked="" type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping		YES		<input checked="" type="checkbox"/> NO						
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO		F. Check if a pump is out of service		Pump 1		Pump 2						
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault					
P-1		<u>2409.5</u>													
P-2		<u>3464.8</u>													
8. Carbon Adsorption System															
A. Air Compressors ON				YES		<input checked="" type="checkbox"/> NO		BLOWER No. 1 (ETM)				<u>21542.1</u>			
B. Activated carbon canisters operating (On Line)				YES		<input checked="" type="checkbox"/> NO		BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage through pipe-work in valve box beside Lift Station No. 1						YES		<input checked="" type="checkbox"/> NO							
B. Settlement along alignment of force main to Burr Avenue manhole						YES		<input checked="" type="checkbox"/> NO							
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1		<input checked="" type="checkbox"/> YES		NO											
Lift Station No. 2		<input checked="" type="checkbox"/> YES		NO											
Decontamination Sump		<input checked="" type="checkbox"/> YES		NO											
Storage Containment Sump		<input checked="" type="checkbox"/> YES		NO											
Site Lighting		<input checked="" type="checkbox"/> YES		NO											

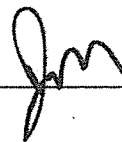
Note: For noted deficiencies and problems provide description on form DP-1. Attach additional sheets if necessary.

FORM DP-1
DESCRIPTION OF DEFICIENCIES AND PROBLEMS
GWL-1
Groundwater/Leachate Management System
PELHAM BAY LANDFILL, BRONX, NY
AUGUST 2011

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-1	D-10	Pump #1 is not responding	Further investigate by electrician.

INSPECTED BY: JM
DATE: 8/24/11

Signature: _____



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

AUGUST 2011

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	OK	OK	OK	OK	OK	OK	OK	OK	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	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

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	OK	-	OK	OK	OK	OK	OK		-
2	Silt Accumulation	OK	OK	OK	-	OK	OK	OK	OK	OK		-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	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		-
6	Flow into manhole or sump	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 "NIS" (Not Satisfactory) where problems are noted.
3. For boxes checked NIS, 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.

DATE: 8/25/11

Tech: John Matthews

Signature:



PELHAM BAY LANDFILL
GROUNDWATER LEACHATE BI-WEEKLY INSPECTION SUMMARY REPORT (GWL-1)
Month: SEPTEMBER 2011

DATE	P.S.-D1 to WWTP Totalizer Reading (100 gals)	Downgradient Collection Sumps										ELAPSED TIME METER READINGS (Hours)						Remarks and Deficiencies
		ELAPSED TIME METER READINGS (Minutes)																
		Decon Pumps		D-8		D-10		D-1		Lift Sta. No. 1		Lift Sta. No. 2		Leachate Storage Containment Sump				
		Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2			
2-Sep	526073	61537.3	22798.9	62604.0	36765.7	99826.2	55485.7	1277.6	21938.1	11629.4	5814.5	74.9	2775.2	2409.5	3464.9			
7-Sep	528056	61625.7	22798.9	62654.8	36857.0	99826.3	55692.0	1333.9	21939.7	11657.4	5823.7	78.6	2777.1	2411.6	3466.3			
9-Sep	529773	NA	22798.9	62728.3	36911.0	99826.3	55965.8	1361.2	21948.4	11670.6	5836.2	78.6	2777.1	2411.6	3466.3			
13-Sep	531055	61788.9	22798.9	62797.5	36972.5	99827.5	56178.8	1389.4	21948.4	11670.6	5836.2	78.6	2777.1	2411.6	3466.3			
15-Sep	531618	61790.3	22798.9	62831.0	36996.4	99827.5	56181.7	1401.7	21948.4	11675.8	5841.5	78.7	2780.3	2412.0	3466.9			
20-Sep	532847	61791.0	22798.9	62897.0	37064.9	99827.5	56428.8	1429.4	21948.4	11675.8	5841.5	81.9	2782.0	2412.0	3466.9			
22-Sep	533279	61791.0	22798.9	62919.6	37093.9	99827.5	56491.6	1439.3	21948.4	11675.8	5841.5	81.9	2782.0	2412.0	3466.9			
27-Sep	535173	61880.5	22798.9	63005.9	37168.3	99827.5	56685.0	1483.3	21954.4	11693.8	5847.9	81.9	2783.7	2412.5	3466.9			
29-Sep	536644	61886.8	22798.9	63037.1	37195.9	99827.5	56756.9	1516.7	21954.7	11718.3	5847.9	85.0	2785.7	2412.5	3466.9			

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

DATE: 9/2/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	OFF
B. Running Light On	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	NO
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	AUTO
D. Liquid Level in Sump	HIGH		LOW		OVERFLOW		HIGH		LOW		OVERFLOW		HIGH
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO		NO
F. Elapsed Time Meter	1277.6		21938.1		62609.0		36705.7		99826.2		55485.7		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	NO
3. D-1 Force Main Totalizer <u>52607.3</u> x 100 = <u>5260.73</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>61537.3</u>				P-2				<u>22798.9</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	NORMAL	HIGH	D. Check liquid level in sump				LOW	HIGH	OTHER			
B. Are Sump Pumps Operating	YES	NO	E. Check for leak in manifold leachate piping				Checked	No Leak	Leak				
C. Alarm indicator Lights	YES	NO											
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	<u>11629.4</u>												
P-2	<u>5814.5</u>												
6. Lift Station No. 2													
A. Settlement along buried section of force main				YES	NO	E. Check liquid level around stop planks. Is the level,				LOW	HIGH	OTHER	
B. Are sump pumps operating?				YES	NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES	NO		
C. Are the alarms or indicator lights on?				YES	NO	G. Check if a pump is out of service				Pump 1	Pump 2		
D. Any leaks in the manifold discharge piping				YES	NO								
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	<u>79.9</u>												
P-2	<u>2775.2</u>												
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes				NORMAL	HIGH	D. Check liquid level in sump				LOW	HIGH	OTHER	
B. Are sump pumps operating				YES	NO	E. Is there any leak in the storage tanks and manifold discharge piping				YES	NO		
C. Alarm indicator Lights				YES	NO	F. Check if a pump is out of service				Pump 1	Pump 2		
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	<u>2469.5</u>												
P-2	<u>3464.9</u>												
8. Carbon Adsorption System													
A. Air Compressors ON				YES	NO	BLOWER No. 1 (ETM)				<u>21542.1</u>			
B. Activated carbon canisters operating (On Line)				YES	NO	BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES	NO								
B. Settlement along alignment of force main to Burr Avenue manhole				YES	NO								
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1				YES	NO								
Lift Station No. 2				YES	NO								
Decontamination Sump				YES	NO								
Storage Containment Sump				YES	NO								
Site Lighting				YES	NO								

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 9/7/11

INSPECTED BY: _____

1. Down-gradient Collection Sumps																	
	D-1				D-8				D-10								
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2						
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF					
B. Running Light On	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO					
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO					
D. Liquid Level in Sump	HIGH		LOW		OVERFLOW		HIGH		LOW		OVERFLOW						
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO						
F. Elapsed Time Meter	1333.9		21939.7		62654.8		30857.0		99826.3		55692.0						
2. Down-gradient and Curtain Drain																	
A. Is there settlement along alignment of down-gradient curtain drain												YES	<input checked="" type="checkbox"/> NO				
3. D-1 Force Main Totalizer <u>528506</u> x 100 = <u>52850.6</u>																	
D-1 Force Main Pressure																	
4. Decon. Pumps (ETM)																	
P-1 <u>61625.7</u> P-2 <u>22798.9</u>																	
5. Lift Station No. 1																	
A. Flow from Curtain Drain	LOW		NORMAL		<input checked="" type="checkbox"/> HIGH		D. Check liquid level in sump		LOW		<input checked="" type="checkbox"/> HIGH		OTHER				
B. Are Sump Pumps Operating	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		E. Check for leak in manifold leachate piping		<input checked="" type="checkbox"/> Checked		<input checked="" type="checkbox"/> No Leak		<input type="checkbox"/> Leak						
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO														
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault							
P-1		<u>11657.4</u>															
P-2		<u>5823.7</u>															
6. Lift Station No. 2																	
A. Settlement along buried section of force main				YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,				<input checked="" type="checkbox"/> LOW		<input type="checkbox"/> HIGH		<input type="checkbox"/> OTHER			
B. Are sump pumps operating?				YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are				YES		<input checked="" type="checkbox"/> NO					
C. Are the alarms or indicator lights on?				YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service				Pump 1		Pump 2					
D. Any leaks in the manifold discharge piping				YES	<input checked="" type="checkbox"/> NO												
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault							
P-1		<u>78.6</u>															
P-2		<u>2777.1</u>															
7. Leachate Storage Containment Area and Sump																	
A. Flow through sump weep holes				<input checked="" type="checkbox"/> NORMAL		<input type="checkbox"/> HIGH		D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW		<input type="checkbox"/> HIGH		<input type="checkbox"/> OTHER	
B. Are sump pumps operating				YES		<input checked="" type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping				YES		<input checked="" type="checkbox"/> NO			
C. Alarm indicator Lights				YES		<input checked="" type="checkbox"/> NO		F. Check if a pump is out of service				Pump 1		Pump 2			
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault							
P-1		<u>2411.6</u>															
P-2		<u>3466.3</u>															
8. Carbon Adsorption System																	
A. Air Compressors ON				<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO		BLOWER No. 1 (ETM)				<u>21542.1</u>					
B. Activated carbon canisters operating (On Line)				<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO		BLOWER No. 2 (ETM)									
9. Contract HP-877 Force Main Discharge to POTW																	
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES		<input checked="" type="checkbox"/> NO											
B. Settlement along alignment of force main to Burr Avenue manhole				YES		<input checked="" type="checkbox"/> NO											
10. MOTOR CONTROL CENTER (MCC)																	
A. Are all breakers, for the following equipment, in the ON position:																	
Lift Station No. 1				<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO											
Lift Station No. 2				<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO											
Decontamination Sump				<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO											
Storage Containment Sump				<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO											
Site Lighting				<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO											

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

CSO 12th - 729M
Rem. 79.7 am

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

DATE: 9/9/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps														
	D-1				D-8				D-10					
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2			
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF	
B. Running Light On	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> NO	
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF
D. Liquid Level in Sump	HIGH		LOW		OVERFLOW		HIGH		LOW		OVERFLOW		HIGH	
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO			
F. Elapsed Time Meter	1361.2		21946.4		62728.3		30911.0		99820.3		55965.8			
2. Down-gradient and Curtain Drain														
A. Is there settlement along alignment of down-gradient curtain drain												YES	<input checked="" type="checkbox"/> NO	
3. D-1 Force Main Totalizer <u>52977.3</u> x 100 = <u>5297.73</u> D-1 Force Main Pressure														
4. Decon. Pumps (ETM)														
P-1				P-2										
5. Lift Station No. 1														
A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH		D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH		OTHER		
B. Are Sump Pumps Operating	YES		NO		E. Check for leak in manifold leachate piping				<input checked="" type="checkbox"/> Checked	<input checked="" type="checkbox"/> No Leak		<input type="checkbox"/> Leak		
C. Alarm indicator Lights	YES		NO											
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault				
P-1		11670.0												
P-2		5836.2												
6. Lift Station No. 2														
A. Settlement along buried section of force main				YES	<input checked="" type="checkbox"/> NO		E. Check liquid level around stop planks. Is the level,				LOW	HIGH	<input checked="" type="checkbox"/> OTHER	
B. Are sump pumps operating?				YES	<input checked="" type="checkbox"/> NO		F. Check surface water in the Bay and Rip-Rap. Are				YES		<input checked="" type="checkbox"/> NO	
C. Are the alarms or indicator lights on?				YES	<input checked="" type="checkbox"/> NO		there any signs of leachate?							
D. Any leaks in the manifold discharge piping				YES	<input checked="" type="checkbox"/> NO		G. Check if a pump is out of service				Pump 1		Pump 2	
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault				
P-1		78.0												
P-2		2777.1												
7. Leachate Storage Containment Area and Sump														
A. Flow through sump weep holes				<input checked="" type="checkbox"/> NORMAL	HIGH		D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH		OTHER
B. Are sump pumps operating				YES	<input checked="" type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping				YES		<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights				YES	<input checked="" type="checkbox"/> NO		F. Check if a pump is out of service				Pump 1		Pump 2	
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault				
P-1		2411.0												
P-2		3466.3												
8. Carbon Adsorption System														
A. Air Compressors ON				YES	<input checked="" type="checkbox"/> NO		BLOWER No. 1 (ETM)				21542.1			
B. Activated carbon canisters operating (On Line)				YES	<input checked="" type="checkbox"/> NO		BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW														
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES	<input checked="" type="checkbox"/> NO									
B. Settlement along alignment of force main to Burr Avenue manhole				YES	<input checked="" type="checkbox"/> NO									
10. MOTOR CONTROL CENTER (MCC)														
A. Are all breakers, for the following equipment, in the ON position:														
Lift Station No. 1				YES	<input checked="" type="checkbox"/> NO									
Lift Station No. 2				YES	<input checked="" type="checkbox"/> NO									
Decontamination Sump				YES	<input checked="" type="checkbox"/> NO									
Storage Containment Sump				YES	<input checked="" type="checkbox"/> NO									
Site Lighting				YES	<input checked="" type="checkbox"/> NO									

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 9/12/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps												
	D-1				D-40				D-10 D-8			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
B. Running Light On	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	HIGH		LOW		OVERFLOW		HIGH		LOW		OVERFLOW	
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO	
F. Elapsed Time Meter	1389.4		21998.4		99827.5		56178.8		62717.5		36972.5	
2. Down-gradient and Curtain Drain												
A. Is there settlement along alignment of down-gradient curtain drain										YES		NO
3. D-1 Force Main Totalizer <u>531055 @ 7/10/100 =</u>												
4. Decon. Pumps (ETM)												
P-1				<u>61188.9</u>				P-2				<u>22798.9</u>
5. Lift Station No. 1												
A. Flow from Curtain Drain	LOW	NORMAL	HIGH	D. Check liquid level in sump				LOW	HIGH	OTHER		
B. Are Sump Pumps Operating	YES		NO	E. Check for leak in manifold leachate piping				Checked	No Leak	Leak		
C. Alarm indicator Lights	YES		NO									
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault				
P-1		<u>11670.6</u>										
P-2		<u>5836.2</u>										
6. Lift Station No. 2												
A. Settlement along buried section of force main				YES	NO	E. Check liquid level around stop planks. Is the level,				LOW	HIGH	OTHER
B. Are sump pumps operating?				YES	NO	F. Check surface water in the Bay and Rip-Rap. Are				YES	NO	
C. Are the alarms or indicator lights on?				YES	NO	G. Check if a pump is out of service				Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping				YES	NO							
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault				
P-1		<u>78.6</u>										
P-2		<u>2777.1</u>										
7. Leachate Storage Containment Area and Sump												
A. Flow through sump weep holes				NORMAL	HIGH	D. Check liquid level in sump				LOW	HIGH	OTHER
B. Are sump pumps operating				YES	NO	E. Is there any leak in the storage tanks and manifold discharge piping				YES	NO	
C. Alarm indicator Lights				YES	NO	F. Check if a pump is out of service				Pump 1	Pump 2	
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault				
P-1		<u>2411.6</u>										
P-2		<u>3406.3</u>										
8. Carbon Adsorption System												
A. Air Compressors ON				YES	NO	BLOWER No. 1 (ETM)		<u>21542.1</u>				
B. Activated carbon canisters operating (On Line)				YES	NO	BLOWER No. 2 (ETM)						
9. Contract HP-877 Force Main Discharge to POTW												
A. Leakage from pipe-work in valve box beside Lift Station No. 1						YES	NO					
B. Settlement along alignment of force main to Burr Avenue manhole						YES	NO					
10. MOTOR CONTROL CENTER (MCC)												
A. Are all breakers, for the following equipment, in the ON position:												
Lift Station No. 1		YES		NO								
Lift Station No. 2		YES		NO								
Decontamination Sump		YES		NO								
Storage Containment Sump		YES		NO								
Site Lighting		YES		NO								

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 9/15/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>OFF</u>
B. Running Light On	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	<u>OVERFLOW</u>
E. Leak in Manifold Piping	<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		
F. Elapsed Time Meter	<u>1401.7</u>		<u>24948.4</u>		<u>62831.0</u>		<u>36996.4</u>		<u>99827.5</u>		<u>56181.7</u>		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												<u>YES</u>	<u>NO</u>
3. D-1 Force Main Totalizer <u>531618</u> x 100 = <u>53161.8</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1 <u>61790.3</u>				P-2 <u>22798.9</u>									
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump					<u>LOW</u>	HIGH	OTHER		
B. Are Sump Pumps Operating	<u>YES</u>		<u>NO</u>		E. Check for leak in manifold leachate piping					<u>Checked</u>	<u>No Leak</u>	Leak	
C. Alarm indicator Lights	<u>YES</u>		<u>NO</u>										
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>11675.8</u>											
P-2		<u>5841.5</u>											
6. Lift Station No. 2													
A. Settlement along buried section of force main				<u>YES</u>	<u>NO</u>	E. Check liquid level around stop planks. Is the level,				<u>LOW</u>	HIGH	OTHER	
B. Are sump pumps operating?				<u>YES</u>	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are				<u>YES</u>	<u>NO</u>		
C. Are the alarms or indicator lights on?				<u>YES</u>	<u>NO</u>	G. Check if a pump is out of service				Pump 1	Pump 2		
D. Any leaks in the manifold discharge piping				<u>YES</u>	<u>NO</u>					Pump 1	Pump 2		
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>78.7</u>											
P-2		<u>2780.3</u>											
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes				<u>NORMAL</u>	HIGH	D. Check liquid level in sump				<u>LOW</u>	HIGH	OTHER	
B. Are sump pumps operating				<u>YES</u>	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping				<u>YES</u>	<u>NO</u>		
C. Alarm indicator Lights				<u>YES</u>	<u>NO</u>	F. Check if a pump is out of service				Pump 1	Pump 2		
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>2417.0</u>											
P-2		<u>3466.9</u>											
8. Carbon Adsorption System													
A. Air Compressors ON				<u>YES</u>	<u>NO</u>	BLOWER No. 1 (ETM)				<u>21542.1</u>			
B. Activated carbon canisters operating (On Line)				<u>YES</u>	<u>NO</u>	BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1						<u>YES</u>	<u>NO</u>						
B. Settlement along alignment of force main to Burr Avenue manhole						<u>YES</u>	<u>NO</u>						
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1		<u>YES</u>		<u>NO</u>									
Lift Station No. 2		<u>YES</u>		<u>NO</u>									
Decontamination Sump		<u>YES</u>		<u>NO</u>									
Storage Containment Sump		<u>YES</u>		<u>NO</u>									
Site Lighting		<u>YES</u>		<u>NO</u>									
<p><u>Storage tanks 80% Full</u></p> <p>Note: For noted deficiencies and problems provide description on form DP-1. Attach additional sheets if necessary.</p>													

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

DATE: 9/20/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	HAND	<input checked="" type="checkbox"/> OFF	
D. Liquid Level in Sump	HIGH		<input checked="" type="checkbox"/> LOW		HIGH		<input checked="" type="checkbox"/> LOW		HIGH		<input checked="" type="checkbox"/> LOW		
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		
F. Elapsed Time Meter	1429.4		2498.4		62897.0		37064.9		99827.5		50428.8		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	<input checked="" type="checkbox"/> NO
3. D-1 Force Main Totalizer <u>53254707.2</u> 100 = D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				61791.0				P-2				22798.9	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH		D. Check liquid level in sump		<input checked="" type="checkbox"/> LOW		HIGH		OTHER		
B. Are Sump Pumps Operating	YES	<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping		<input checked="" type="checkbox"/> Checked		<input checked="" type="checkbox"/> No Leak		<input type="checkbox"/> Leak			
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO											
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		11675.8											
P-2		5841.5											
6. Lift Station No. 2													
A. Settlement along buried section of force main				YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,				<input checked="" type="checkbox"/> LOW	HIGH	OTHER	
B. Are sump pumps operating?				YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are				YES	<input checked="" type="checkbox"/> NO		
C. Are the alarms or indicator lights on?				YES	<input checked="" type="checkbox"/> NO	there any signs of leachate?							
D. Any leaks in the manifold discharge piping				YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service				Pump 1	Pump 2		
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		584											
P-2		2782.0											
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes				<input checked="" type="checkbox"/> NORMAL	HIGH		D. Check liquid level in sump		<input checked="" type="checkbox"/> LOW		HIGH	OTHER	
B. Are sump pumps operating				YES	<input checked="" type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping				YES	<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights				YES	<input checked="" type="checkbox"/> NO		F. Check if a pump is out of service				Pump 1	Pump 2	
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		2412.0											
P-2		3466.9											
8. Carbon Adsorption System													
A. Air Compressors ON				YES	<input checked="" type="checkbox"/> NO		BLOWER No. 1 (ETM)		21542.1				
B. Activated carbon canisters operating (On Line)				YES	<input checked="" type="checkbox"/> NO		BLOWER No. 2 (ETM)						
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES	<input checked="" type="checkbox"/> NO								
B. Settlement along alignment of force main to Burr Avenue manhole				YES	<input checked="" type="checkbox"/> NO								
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1				<input checked="" type="checkbox"/> YES		NO							
Lift Station No. 2				<input checked="" type="checkbox"/> YES		NO							
Decontamination Sump				<input checked="" type="checkbox"/> YES		NO							
Storage Containment Sump				<input checked="" type="checkbox"/> YES		NO							
Site Lighting				<input checked="" type="checkbox"/> YES		NO							

Storage tanks 50%

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 9/22/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps																	
	D-1				D-8				D-10								
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2						
A. Circuit Breakers	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF					
B. Running Light On	<input checked="" type="radio"/> YES	<input type="radio"/> NO	<input checked="" type="radio"/> YES	<input type="radio"/> NO	<input checked="" type="radio"/> YES	<input type="radio"/> NO	<input checked="" type="radio"/> YES	<input type="radio"/> NO	<input checked="" type="radio"/> YES	<input type="radio"/> NO	<input checked="" type="radio"/> YES	<input type="radio"/> NO					
C. Selector Switch Position	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO	HAND	OFF	<input checked="" type="radio"/> AUTO					
D. Liquid Level in Sump	HIGH		LOW		OVERFLOW		HIGH		LOW		OVERFLOW						
E. Leak in Manifold Piping	YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO						
F. Elapsed Time Meter	1439.3		2998.4		62919.6		37093.9		99827.5		50491.6						
2. Down-gradient and Curtain Drain																	
A. Is there settlement along alignment of down-gradient curtain drain										<input checked="" type="radio"/> YES		<input type="radio"/> NO					
3. D-1 Force Main Totalizer <u>535279</u> x 100 = <u>53527.9</u>																	
4. Decon. Pumps (ETM)																	
P-1				<u>61791.0</u>				P-2				<u>22798.9</u>					
5. Lift Station No. 1																	
A. Flow from Curtain Drain	LOW		<input checked="" type="radio"/> NORMAL		HIGH		D. Check liquid level in sump		<input checked="" type="radio"/> LOW		HIGH		OTHER				
B. Are Sump Pumps Operating	<input checked="" type="radio"/> YES		<input type="radio"/> NO		E. Check for leak in manifold leachate piping		<input checked="" type="radio"/> Checked		<input type="radio"/> No Leak		<input type="radio"/> Leak						
C. Alarm indicator Lights	<input checked="" type="radio"/> YES		<input type="radio"/> NO														
Pumps		Elapsed Time Meter				High Temp.				Seal Fail				Fault			
P-1		<u>11675.8</u>															
P-2		<u>5841.5</u>															
6. Lift Station No. 2																	
A. Settlement along buried section of force main				<input checked="" type="radio"/> YES		<input type="radio"/> NO		D. Check liquid level around stop planks. Is the level,				<input checked="" type="radio"/> LOW		HIGH		OTHER	
B. Are sump pumps operating?				<input checked="" type="radio"/> YES		<input type="radio"/> NO		F. Check surface water in the Bay and Rip-Rap. Are				<input checked="" type="radio"/> YES		<input type="radio"/> NO			
C. Are the alarms or indicator lights on?				<input checked="" type="radio"/> YES		<input type="radio"/> NO		G. Check if a pump is out of service				Pump 1		Pump 2			
D. Any leaks in the manifold discharge piping				<input checked="" type="radio"/> YES		<input type="radio"/> NO											
Pumps		Elapsed Time Meter				High Temp.				Seal Fail				Fault			
P-1		<u>81.9</u>															
P-2		<u>2782.0</u>															
7. Leachate Storage Containment Area and Sump																	
A. Flow through sump weep holes				<input checked="" type="radio"/> NORMAL		HIGH		D. Check liquid level in sump				<input checked="" type="radio"/> LOW		HIGH		OTHER	
B. Are sump pumps operating				<input checked="" type="radio"/> YES		<input type="radio"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping				<input checked="" type="radio"/> YES		<input type="radio"/> NO			
C. Alarm indicator Lights				<input checked="" type="radio"/> YES		<input type="radio"/> NO		F. Check if a pump is out of service				Pump 1		Pump 2			
Pumps		Elapsed Time Meter				High Temp.				Seal Fail				Fault			
P-1		<u>2412.0</u>															
P-2		<u>3466.9</u>															
8. Carbon Adsorption System																	
A. Air Compressors ON				<input checked="" type="radio"/> YES		<input type="radio"/> NO		BLOWER No. 1 (ETM)				<u>21542.1</u>					
B. Activated carbon canisters operating (On Line)				<input checked="" type="radio"/> YES		<input type="radio"/> NO		BLOWER No. 2 (ETM)									
9. Contract HP-877 Force Main Discharge to POTW																	
A. Leakage from pipe-work in valve box beside Lift Station No. 1								<input checked="" type="radio"/> YES		<input type="radio"/> NO							
B. Settlement along alignment of force main to Burr Avenue manhole								<input checked="" type="radio"/> YES		<input type="radio"/> NO							
10. MOTOR CONTROL CENTER (MCC)																	
A. Are all breakers, for the following equipment, in the ON position:																	
Lift Station No. 1				<input checked="" type="radio"/> YES				<input type="radio"/> NO									
Lift Station No. 2				<input checked="" type="radio"/> YES				<input type="radio"/> NO									
Decontamination Sump				<input checked="" type="radio"/> YES				<input type="radio"/> NO									
Storage Containment Sump				<input checked="" type="radio"/> YES				<input type="radio"/> NO									
Site Lighting				<input checked="" type="radio"/> YES				<input type="radio"/> NO									

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 9/27/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps														
	D-1				D-8				D-10					
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2			
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>		
B. Running Light On	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>		
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>		
D. Liquid Level in Sump	HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		HIGH		<u>LOW</u>			
E. Leak in Manifold Piping	<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>			
F. Elapsed Time Meter	<u>1483.3</u>		<u>24954.4</u>		<u>63005.9</u>		<u>37168.3</u>		<u>99827.5</u>		<u>56085.0</u>			
2. Down-gradient and Curtain Drain														
A. Is there settlement along alignment of down-gradient curtain drain												<u>YES</u>	<u>NO</u>	
3. D-1 Force Main Totalizer <u>535173</u> x 100 = <u>53517.3</u> D-1 Force Main Pressure														
4. Decon. Pumps (ETM)														
P-1				<u>61880.5</u>				P-2				<u>227989</u>		
5. Lift Station No. 1														
A. Flow from Curtain Drain	<u>LOW</u>		<u>NORMAL</u>		HIGH		D. Check liquid level in sump		<u>LOW</u>		HIGH		OTHER	
B. Are Sump Pumps Operating	<u>YES</u>		<u>NO</u>		E. Check for leak in manifold leachate piping		<u>Checked</u>		<u>No Leak</u>		<u>Leak</u>			
C. Alarm indicator Lights	<u>YES</u>		<u>NO</u>											
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault				
P-1		<u>11693.8</u>												
P-2		<u>5847.9</u>												
6. Lift Station No. 2														
A. Settlement along buried section of force main	<u>YES</u>		<u>NO</u>		E. Check liquid level around stop planks. Is the level,		<u>LOW</u>		HIGH		OTHER			
B. Are sump pumps operating?	<u>YES</u>		<u>NO</u>		F. Check surface water in the Bay and Rip-Rap. Are		<u>YES</u>		<u>NO</u>					
C. Are the alarms or indicator lights on?	<u>YES</u>		<u>NO</u>		G. Check if a pump is out of service		Pump 1		Pump 2					
D. Any leaks in the manifold discharge piping	<u>YES</u>		<u>NO</u>											
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault				
P-1		<u>81.9</u>												
P-2		<u>2783.7</u>												
7. Leachate Storage Containment Area and Sump														
A. Flow through sump weep holes	<u>NORMAL</u>		HIGH		D. Check liquid level in sump		<u>LOW</u>		HIGH		OTHER			
B. Are sump pumps operating	<u>YES</u>		<u>NO</u>		E. Is there any leak in the storage tanks and manifold discharge piping		<u>YES</u>		<u>NO</u>					
C. Alarm indicator Lights	<u>YES</u>		<u>NO</u>		F. Check if a pump is out of service		Pump 1		Pump 2					
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault				
P-1		<u>2412.5</u>												
P-2		<u>3466.9</u>												
8. Carbon Adsorption System														
A. Air Compressors ON				<u>YES</u>		<u>NO</u>		BLOWER No. 1 (ETM)		<u>21542.1</u>				
B. Activated carbon canisters operating (On Line)				<u>YES</u>		<u>NO</u>		BLOWER No. 2 (ETM)						
9. Contract HP-877 Force Main Discharge to POTW														
A. Leakage from pipe-work in valve box beside Lift Station No. 1				<u>YES</u>		<u>NO</u>								
B. Settlement along alignment of force main to Burr Avenue manhole				<u>YES</u>		<u>NO</u>								
10. MOTOR CONTROL CENTER (MCC)														
A. Are all breakers, for the following equipment, in the ON position:														
Lift Station No. 1		<u>YES</u>		NO										
Lift Station No. 2		<u>YES</u>		NO										
Decontamination Sump		<u>YES</u>		NO										
Storage Containment Sump		<u>YES</u>		NO										
Site Lighting		<u>YES</u>		NO										

Storage tanks 30% Full

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 9/29/11

INSPECTED BY: [Signature]

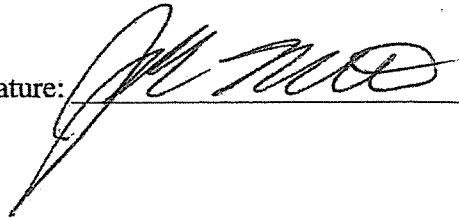
1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	
B. Running Light On	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	
D. Liquid Level in Sump	HIGH		LOW		OVERFLOW		HIGH		LOW		OVERFLOW		
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO		
F. Elapsed Time Meter	1516.7		21954.7		63037.1		37195.9		99827.5		56756.9		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	<input checked="" type="checkbox"/> NO
3. D-1 Force Main Totalizer <u>536644</u> x 100 = <u>53664.4</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>6886.8</u>				P-2				<u>22798.9</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH		D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH		OTHER	
B. Are Sump Pumps Operating	YES		<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping				<input checked="" type="checkbox"/> Checked		<input checked="" type="checkbox"/> No Leak		Leak
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO										
Pumps		Elapsed Time Meter				High Temp.				Seal Fail		Fault	
P-1		11718.3											
P-2		5847.9											
6. Lift Station No. 2													
A. Settlement along buried section of force main		YES		<input checked="" type="checkbox"/> NO		E. Check liquid level around stop planks. Is the level,				<input checked="" type="checkbox"/> LOW	HIGH		OTHER
B. Are sump pumps operating?		YES		<input checked="" type="checkbox"/> NO		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES		<input checked="" type="checkbox"/> NO	
C. Are the alarms or indicator lights on?		YES		<input checked="" type="checkbox"/> NO		G. Check if a pump is out of service				Pump 1		Pump 2	
D. Any leaks in the manifold discharge piping		YES		<input checked="" type="checkbox"/> NO									
Pumps		Elapsed Time Meter				High Temp.				Seal Fail		Fault	
P-1		85.0											
P-2		2785.1											
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes		<input checked="" type="checkbox"/> NORMAL		HIGH		D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH		OTHER
B. Are sump pumps operating		YES		<input checked="" type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping				YES		<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights		YES		<input checked="" type="checkbox"/> NO		F. Check if a pump is out of service				Pump 1		Pump 2	
Pumps		Elapsed Time Meter				High Temp.				Seal Fail		Fault	
P-1		2412.5											
P-2		3466.9											
8. Carbon Adsorption System													
A. Air Compressors ON		YES		<input checked="" type="checkbox"/> NO		BLOWER No. 1 (ETM)				21542.1			
B. Activated carbon canisters operating (On Line)		YES		<input checked="" type="checkbox"/> NO		BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1		YES		<input checked="" type="checkbox"/> NO									
B. Settlement along alignment of force main to Burr Avenue manhole		YES		<input checked="" type="checkbox"/> NO									
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1		<input checked="" type="checkbox"/> YES		NO									
Lift Station No. 2		<input checked="" type="checkbox"/> YES		NO									
Decontamination Sump		<input checked="" type="checkbox"/> YES		NO									
Storage Containment Sump		<input checked="" type="checkbox"/> YES		NO									
Site Lighting		<input checked="" type="checkbox"/> YES		NO									
<p>(SO 9/28 @ 6pm-7:30pm, Storage tanks 50%)</p> <p>Note: For noted deficiencies and problems provide description on form DP-1. Attach additional sheets if necessary.</p>													

FORM DP-1
DESCRIPTION OF DEFICIENCIES AND PROBLEMS
GWL-1
Groundwater/Leachate Management System
PELHAM BAY LANDFILL, BRONX, NY
SEPTEMBER 2011

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-1	D-10	Pump #1 is not responding	In-house investigation on 9/6/11 confirmed that further investigation by electrician is needed and will require confined space procedures.

INSPECTED BY: JM
DATE: 9/8/11

Signature: _____

A handwritten signature in black ink, appearing to be 'JM', is written over a horizontal line.

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

SEPTEMBER 2011

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	OK	OK	OK	OK	OK	OK	OK	OK	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	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

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	OK	-	OK	OK	OK	OK	OK		-
2	Silt Accumulation	OK	OK	OK	-	OK	OK	OK	OK	OK		-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	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		-
6	Flow into manhole or sump	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.
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

DATE: 9/1/11

Tech: John Matthews

Signature:



FORM GWL-3
QUARTERLY INSPECTION CHECKLIST
MONITORING WELL
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 9/22/11

INITIALS: JM

Check For	Sampling Well Designation									
	MW 104	MW 106	MW 109	MW 110	MW 113	MW 114	MW 115	MW 115B	MW 118	MW 119
1. Damage/Vandalism	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2. Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3. Accessibility	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Check For	Sampling Well Designation									
	MW 120	MW 120B	MW 121	MW 122	MW 126	MW 117	MW 117B	MW 124	MW 124B	
1. Damage/Vandalism	OK	OK	OK	OK	OK	OK	OK	OK	OK	
2. Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK	
3. Accessibility	OK	OK	OK	OK	OK	OK	OK	OK	OK	

Check For	PZ-A	PZ-B	PZ-C	PZ-D	PZ-F
1. Damage/Vandalism	OK	OK	OK	OK	OK
2. Settlement	OK	OK	OK	OK	OK
3. Accessibility	OK	OK	OK	OK	OK

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

PELHAM BAY LANDFILL

GROUNDWATER LEACHATE BI-WEEKLY INSPECTION SUMMARY REPORT (GWL-1)

Month: October 2011

DATE	P.S. -D1 to WM/TP Totalizer Reading (100 gals)	Downgradient Collection Sumps										Remarks and Deficiencies				
		ELAPSED TIME METER READINGS (Minutes)					ELAPSED TIME METER READINGS (Hours)									
		Decon Pumps		D-8		D-10		D-1		Lift Sta. No. 1			Lift Sta. No. 2		Leachate Storage Containment Sump	
Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2			
4-Oct	539787	61921.0	22798.9	63123.0	37270.4	99827.5	56942.8	1589.6	21955.4	11801.3	5848.5	86.5	2787.7	2412.5	3466.9	
6-Oct	540883	61926.1	22798.9	63138.2	37312.7	99827.5	56998.7	1614.8	21955.4	11801.3	5848.5	86.5	2787.5	2412.5	3466.9	
11-Oct	543032	61938.8	22798.9	63216.8	37368.8	99827.5	57157.5	1662.7	21955.4	11903.9	5848.5	88.2	2789.5	2412.5	3466.9	
13-Oct	543817	61942.9	22798.9	63231.0	37401.1	99827.5	57212.1	1681.6	21955.4	11931.9	5848.5	89.9	2789.5	2412.5	3466.9	
18-Oct	545907	61962.9	22798.9	63291.7	37476.6	99827.5	57360.2	1734.3	21955.9	12010.2	5849.2	91.5	2791.2	2412.5	3466.9	
21-Oct	547198	61986.8	22798.9	63319.9	37521.6	99827.5	57440.4	1762.1	21955.9	12053.6	5849.2	91.5	2792.9	2412.5	3466.9	
25-Oct	548747	61994.7	22798.9	63360.6	37580.0	99827.5	57547.8	1799.8	21955.9	12107.6	5849.2	93.1	2792.9	2412.5	3466.9	
28-Oct	549649	62007.2	22798.9	63380.5	37636.4	99827.5	57636.3	1821.7	21955.9	12153.4	5849.2	94.7	2794.7	2412.5	3466.9	

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

DATE: 10/4/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1						D-8						D-10					
	Pump 1			Pump 2			Pump 1			Pump 2			Pump 1			Pump 2		
A. Circuit Breakers	<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF		<u>ON</u>	OFF	
B. Running Light On	<u>YES</u>	NO		<u>YES</u>	<u>NO</u>		<u>YES</u>	<u>NO</u>		<u>YES</u>	<u>NO</u>		<u>YES</u>	<u>NO</u>		<u>YES</u>	<u>NO</u>	
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH		<u>LOW</u>		<u>OVERFLOW</u>		HIGH		<u>LOW</u>		<u>OVERFLOW</u>		HIGH		<u>LOW</u>		<u>OVERFLOW</u>	
E. Leak in Manifold Piping	YES		<u>NO</u>		<u>NO</u>		YES		<u>NO</u>		<u>NO</u>		YES		<u>NO</u>		<u>NO</u>	
F. Elapsed Time Meter	<u>1589.6</u>			<u>21955.4</u>			<u>63123.0</u>			<u>37270.4</u>			<u>99827.5</u>			<u>56798.7</u>		

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

539787

x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

P-2

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter			High Temp.		Seal Fail	Fault
P-1	<u>11801.3</u>						
P-2	<u>5848.5</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>86.5</u>					
P-2	<u>2787.1</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2412.5</u>					
P-2	<u>3406.9</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>31542.4</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Storage tanks 1/3 Full

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 10/11/11

INSPECTED BY: M O GONOS

1. Down-gradient Collection Sumps

	D-1			D-8			D-10		
	Pump 1		Pump 2	Pump 1		Pump 2	Pump 1		Pump 2
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> ON	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> ON	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON
B. Running Light On	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> OVERFLOW	HIGH	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> OVERFLOW	HIGH	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> OVERFLOW
E. Leak in Manifold Piping	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO
F. Elapsed Time Meter	1662.7		21955.4	63216.8		37368.8	99827.5		57157.5

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain ☒ YES ☐ NO

3. D-1 Force Main Totalizer 543032 x 100 = 54303.2 D-1 Force Main Pressure

4. Decon. Pumps (ETM) P-1 61938.85 P-2 22798.85

5. Lift Station No. 1 NOT RUNNING AT TIME OF INSPECTION

A. Flow from Curtain Drain	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> NORMAL	<input type="checkbox"/> HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER
B. Are Sump Pumps Operating	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO	E. Check for leak in manifold leachate piping	<input checked="" type="checkbox"/> Checked	<input checked="" type="checkbox"/> No Leak	<input type="checkbox"/> Leak
C. Alarm indicator Lights	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO	BOTH PUMP POWER LIGHTS ON			
Pumps	Elapsed Time Meter		High Temp.	Seal Fail		Fault	
P-1	11903.9		NO	NO		NO	
P-2	5848.5		NO	NO		NO	

6. Lift Station No. 2

NOT RUNNING AT TIME OF INSPECTION *

A. Settlement along buried section of force main	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	E. Check liquid level around stop planks. Is the level,	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER
B. Are sump pumps operating?	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
C. Are the alarms or indicator lights on?	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service	Pump 1 <input checked="" type="checkbox"/>	Pump 2 <input checked="" type="checkbox"/>
D. Any leaks in the manifold discharge piping	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO			
Pumps	Elapsed Time Meter		High Temp.	Seal Fail		Fault
P-1	88.2		NO	NO		NO
P-2	2789.5		NO	NO		NO

7. Leachate Storage Containment Area and Sump

NOT RUNNING AT TIME OF INSPECTION

A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> HIGH	D. Check liquid level in sump	<input type="checkbox"/> LOW	<input type="checkbox"/> HIGH	<input type="checkbox"/> OTHER
B. Are sump pumps operating	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
C. Alarm indicator Lights	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service	Pump 1 <input checked="" type="checkbox"/>	Pump 2 <input checked="" type="checkbox"/>
Pumps	Elapsed Time Meter		High Temp.	Seal Fail		Fault
P-1	2412.5		NO	NO		NO
P-2	3466.9		NO	NO		NO

8. Carbon Adsorption System

PAO LOCK NEEDS TO BE REPLACED

A. Air Compressors ON	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)	31542.4
B. Activated carbon canisters operating (On Line)	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	BLOWER No. 2 (ETM)	NA

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
B. Settlement along alignment of force main to Burr Avenue manhole	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

10. MOTOR CONTROL CENTER (MCC)

(NO CSO'S RECORDED - Solid 20/20 RUN)

A. Are all breakers, for the following equipment, in the ON position:	<u>* REPLACED D-1 CHART (PEN OK)</u>		
Lift Station No. 1	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<u>* FLOW INTO LS#2 WHILE INSPECTING</u>
Lift Station No. 2	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<u>TOGGLE SWITCH ON LS#2 - P2 IS OFF</u>
Decontamination Sump	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<u>PUMP OPERATIONAL - CONTROL MALFUNCTION</u>
Storage Containment Sump	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<u>COULD NOT OPEN CABINET LOCK - LIGHTS</u>
Site Lighting	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<u>ON AT SUBSTATIONS - ASSUMED BREAKER ON</u>

DI PANEL 19324.48 KCAL @ 9AM - 71 gpm
19327.65 KCAL @ 11AM

STORAGE TANKS
ARE EMPTY.

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 10/13/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
B. Running Light On	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	HIGH		LOW		OVERFLOW		HIGH		LOW		OVERFLOW	
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO	
F. Elapsed Time Meter	1081.6		24955.4		63231.2		37401.1		99827.5		57212.1	

2. Down-gradient and Curtain Drain A. Is there settlement along alignment of down-gradient curtain drain YES ☒ NO ☐

3. D-1 Force Main Totalizer 543817 $\times 100 =$ D-1 Force Main Pressure 22798.7

4. Decon. Pumps (ETM) P-1 61942.9 P-2 22798.7

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are Sump Pumps Operating	YES	NO		E. Check for leak in manifold leachate piping	Checked	No Leak	Leak
C. Alarm indicator Lights	YES	NO					
Pumps	Elapsed Time Meter			High Temp.	Seal Fail	Fault	
P-1	11931.9						
P-2	5848.5						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	NO	E. Check liquid level around stop planks. Is the level,	LOW	HIGH	OTHER
B. Are sump pumps operating?	YES	NO	F. Check surface water in the Bay and Rip-Rap. Are	YES	NO	
C. Are the alarms or indicator lights on?	YES	NO	there any signs of leachate?			
D. Any leaks in the manifold discharge piping	YES	NO	G. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	89.9					
P-2	2784.5					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are sump pumps operating	YES	NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	NO	
C. Alarm indicator Lights	YES	NO	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	2412.5					
P-2	3466.9					

8. Carbon Adsorption System

A. Air Compressors ON	YES	NO	BLOWER No. 1 (ETM)	31542.4
B. Activated carbon canisters operating (On Line)	YES	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	NO
B. Settlement along alignment of force main to Burr Avenue manhole	YES	NO

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	YES	NO
Lift Station No. 2	YES	NO
Decontamination Sump	YES	NO
Storage Containment Sump	YES	NO
Site Lighting	YES	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 10/18/11

INSPECTED BY: AM

1. Down-gradient Collection Sumps														
	D-1				D-8				D-10					
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2			
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>		
B. Running Light On	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>		
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>		
D. Liquid Level in Sump	HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		HIGH		<u>LOW</u>			
E. Leak in Manifold Piping	<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>			
F. Elapsed Time Meter	1734.3		21955.9		63291.7		37476.6		99827.5		57360.2			
2. Down-gradient and Curtain Drain														
A. Is there settlement along alignment of down-gradient curtain drain														
YES <u>NO</u>														
3. D-1 Force Main Totalizer														
545907 x 100 = <u>54590.7</u>														
4. Decon. Pumps (ETM)														
P-1 <u>61902.9</u> P-2 <u>22798.9</u>														
5. Lift Station No. 1														
A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump				<u>LOW</u>	HIGH	OTHER				
B. Are Sump Pumps Operating	<u>YES</u>			<u>NO</u>			E. Check for leak in manifold leachate piping				<u>Checked</u>	<u>No Leak</u>	Leak	
C. Alarm indicator Lights	<u>YES</u>			<u>NO</u>										
Pumps	Elapsed Time Meter			High Temp.				Seal Fail				Fault		
P-1	12010.2													
P-2	3849.2													
6. Lift Station No. 2														
A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,				<u>LOW</u>	HIGH	OTHER					
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are				YES	<u>NO</u>						
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	there any signs of leachate?											
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>	G. Check if a pump is out of service				Pump 1	Pump 2						
Pumps	Elapsed Time Meter			High Temp.				Seal Fail				Fault		
P-1	91.5													
P-2	2791.2													
7. Leachate Storage Containment Area and Sump														
A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump				<u>LOW</u>	HIGH	OTHER					
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping				YES	<u>NO</u>						
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service				Pump 1	Pump 2						
Pumps	Elapsed Time Meter			High Temp.				Seal Fail				Fault		
P-1	2412.5													
P-2	3406.9													
8. Carbon Adsorption System														
A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)				31542.4							
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)											
9. Contract HP-877 Force Main Discharge to POTW														
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>												
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>												
10. MOTOR CONTROL CENTER (MCC)														
A. Are all breakers, for the following equipment, in the ON position:														
Lift Station No. 1	<u>YES</u>	NO												
Lift Station No. 2	<u>YES</u>	NO												
Decontamination Sump	<u>YES</u>	NO												
Storage Containment Sump	<u>YES</u>	NO												
Site Lighting	<u>YES</u>	NO												

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 10/21/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps														
	D-1				D-8				D-10					
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2			
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>		
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>		
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>		
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>		
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>			
F. Elapsed Time Meter	1762.1		2955.9		43319.9		37521.6		99627.5		57446.4			
2. Down-gradient and Curtain Drain														
A. Is there settlement along alignment of down-gradient curtain drain														
YES <u>NO</u>														
3. D-1 Force Main Totalizer <u>547198</u> x 100 = <u>54719.8</u> D-1 Force Main Pressure														
4. Decon. Pumps (ETM)														
P-1 <u>61986.8</u> P-2 <u>22798.9</u>														
5. Lift Station No. 1														
A. Flow from Curtain Drain	LOW		<u>NORMAL</u>		HIGH		D. Check liquid level in sump		<u>LOW</u>		HIGH OTHER			
B. Are Sump Pumps Operating	YES		<u>NO</u>		E. Check for leak in manifold leachate piping		Checked <u>No Leak</u>		Leak					
C. Alarm indicator Lights	YES		<u>NO</u>											
Pumps	Elapsed Time Meter		High Temp.		Seal Fail		Fault							
P-1	12053.6													
P-2	5849.2													
6. Lift Station No. 2														
A. Settlement along buried section of force main	YES		<u>NO</u>		E. Check liquid level around stop planks. Is the level,		<u>LOW</u>		HIGH OTHER					
B. Are sump pumps operating?	YES		<u>NO</u>		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?		YES		<u>NO</u>					
C. Are the alarms or indicator lights on?	YES		<u>NO</u>		G. Check if a pump is out of service		Pump 1		Pump 2					
D. Any leaks in the manifold discharge piping	YES		<u>NO</u>											
Pumps	Elapsed Time Meter		High Temp.		Seal Fail		Fault							
P-1	91.5													
P-2	5792.9													
7. Leachate Storage Containment Area and Sump														
A. Flow through sump weep holes	<u>NORMAL</u>		HIGH		D. Check liquid level in sump		<u>LOW</u>		HIGH OTHER					
B. Are sump pumps operating	YES		<u>NO</u>		E. Is there any leak in the storage tanks and manifold discharge piping		YES		<u>NO</u>					
C. Alarm indicator Lights	YES		<u>NO</u>		F. Check if a pump is out of service		Pump 1		Pump 2					
Pumps	Elapsed Time Meter		High Temp.		Seal Fail		Fault							
P-1	242.5													
P-2	4166.9													
8. Carbon Adsorption System														
A. Air Compressors ON	YES		<u>NO</u>		BLOWER No. 1 (ETM)		31542.4							
B. Activated carbon canisters operating (On Line)	YES		<u>NO</u>		BLOWER No. 2 (ETM)									
9. Contract HP-877 Force Main Discharge to POTW														
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES		<u>NO</u>											
B. Settlement along alignment of force main to Burr Avenue manhole	YES		<u>NO</u>											
10. MOTOR CONTROL CENTER (MCC)														
A. Are all breakers, for the following equipment, in the ON position:														
Lift Station No. 1	<u>YES</u>		NO											
Lift Station No. 2	<u>YES</u>		NO											
Decontamination Sump	<u>YES</u>		NO											
Storage Containment Sump	<u>YES</u>		NO											
Site Lighting	<u>YES</u>		NO											

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

Tanks 1/4 Full

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

DATE: 10/25/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	
E. Leak in Manifold Piping	YES	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>	
F. Elapsed Time Meter	1799.8		21955.9		63360.6		37580.0		99827.5		57547.8		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	<u>NO</u>
3. D-1 Force Main Totalizer <u>598747</u> x 100 = <u>59874.7</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>61994.7</u>				P-2				<u>22798.9</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER						
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak						
C. Alarm indicator Lights	YES	<u>NO</u>											
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>12107.6</u>											
P-2		<u>5849.2</u>											
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER							
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>								
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2								
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>											
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>93.1</u>											
P-2		<u>2792.9</u>											
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER							
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>								
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2								
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>2412.5</u>											
P-2		<u>3416.9</u>											
8. Carbon Adsorption System													
A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>31592.4</u>									
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)										
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>											
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>											
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<u>YES</u>	NO											
Lift Station No. 2	<u>YES</u>	NO											
Decontamination Sump	<u>YES</u>	NO											
Storage Containment Sump	<u>YES</u>	NO											
Site Lighting	<u>YES</u>	NO											

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 10/28/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps														
	D-1				D-8				D-10					
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2			
A. Circuit Breakers	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF		
B. Running Light On	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO		
C. Selector Switch Position	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF		
D. Liquid Level in Sump	HIGH	<input checked="" type="radio"/> LOW	HIGH	<input checked="" type="radio"/> OVERFLOW	HIGH	<input checked="" type="radio"/> LOW	HIGH	<input checked="" type="radio"/> OVERFLOW	HIGH	<input checked="" type="radio"/> LOW	HIGH	<input checked="" type="radio"/> OVERFLOW		
E. Leak in Manifold Piping	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO		
F. Elapsed Time Meter	1821.7		21955.9		63380.5		37636.4		99827.5		57636.3			
2. Down-gradient and Curtain Drain														
A. Is there settlement along alignment of down-gradient curtain drain												YES	NO	
3. D-1 Force Main Totalizer <u>549649</u> x 100 = <u>54964.9</u> D-1 Force Main Pressure														
4. Decon. Pumps (ETM) P-1 <u>62001.2</u> P-2 <u>22798.9</u>														
5. Lift Station No. 1														
A. Flow from Curtain Drain	<input checked="" type="radio"/> LOW	<input checked="" type="radio"/> NORMAL	<input type="radio"/> HIGH	D. Check liquid level in sump				<input checked="" type="radio"/> LOW	<input type="radio"/> HIGH	<input type="radio"/> OTHER				
B. Are Sump Pumps Operating	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO	E. Check for leak in manifold leachate piping				<input checked="" type="radio"/> Checked	<input type="radio"/> No Leak	<input type="radio"/> Leak				
C. Alarm indicator Lights	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO											
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault	
P-1	12153.4													
P-2	5549.2													
6. Lift Station No. 2														
A. Settlement along buried section of force main	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO	E. Check liquid level around stop planks. Is the level,				<input checked="" type="radio"/> LOW	<input type="radio"/> HIGH	<input type="radio"/> OTHER				
B. Are sump pumps operating?	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES	<input checked="" type="radio"/> NO					
C. Are the alarms or indicator lights on?	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO	G. Check if a pump is out of service				Pump 1	Pump 2					
D. Any leaks in the manifold discharge piping	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO											
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault	
P-1	94.7													
P-2	7794.7													
7. Leachate Storage Containment Area and Sump														
A. Flow through sump weep holes	<input checked="" type="radio"/> NORMAL	<input type="radio"/> HIGH	<input type="radio"/> HIGH	D. Check liquid level in sump				<input checked="" type="radio"/> LOW	<input type="radio"/> HIGH	<input type="radio"/> OTHER				
B. Are sump pumps operating	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping				YES	<input checked="" type="radio"/> NO					
C. Alarm indicator Lights	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO	F. Check if a pump is out of service				Pump 1	Pump 2					
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault	
P-1	2412.5													
P-2	2406.9													
8. Carbon Adsorption System														
A. Air Compressors ON	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO	BLOWER No. 1 (ETM)				31542.4						
B. Activated carbon canisters operating (On Line)	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO	BLOWER No. 2 (ETM)										
9. Contract HP-877 Force Main Discharge to POTW														
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO											
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="radio"/> NO	<input type="radio"/> NO											
10. MOTOR CONTROL CENTER (MCC)														
A. Are all breakers, for the following equipment, in the ON position:														
Lift Station No. 1	<input checked="" type="radio"/> YES	<input type="radio"/> NO												
Lift Station No. 2	<input checked="" type="radio"/> YES	<input type="radio"/> NO												
Decontamination Sump	<input checked="" type="radio"/> YES	<input type="radio"/> NO												
Storage Containment Sump	<input checked="" type="radio"/> YES	<input type="radio"/> NO												
Site Lighting	<input checked="" type="radio"/> YES	<input type="radio"/> NO												

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

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

OCTOBER 2011

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	OK	OK	OK	OK	OK	OK	OK	OK	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	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

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	OK	-	OK	OK	OK	OK	OK		-
2	Silt Accumulation	OK	OK	OK	-	OK	OK	OK	OK	OK		-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	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		-
6	Flow into manhole or sump	OK	OK	OK	-	OK	OK	OK	OK	OK		

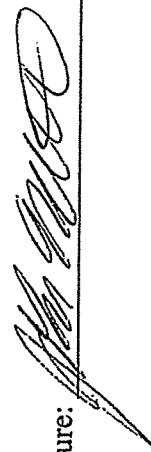
Notes:

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

DATE: 10/14/11

Tech: John Matthews

Signature:



PELHAM BAY LANDFILL																				
GROUNDWATER LEACHATE BI-WEEKLY INSPECTION SUMMARY REPORT (GWL-1)																				
Month: NOVEMBER 2011																				
DATE	P.S. -D1 to WWTP Totalizer Reading (100 gals)	Downgradient Collection Sumps										ELAPSED TIME METER READINGS (Hours)								Remarks and Deficiencies
		ELAPSED TIME METER READINGS (Minutes)																		
		Decon Pumps		D-8		D-10		D-1		Lift Sta. No. 1		Lift Sta. No. 2		Leachate Storage Containment Sump						
		Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2			
2-Nov	552098	62071.1	22798.9	63467.6	37707.8	99827.5	57820.8	1877.0	21956.3	12234.5	5850.6	96.3	2796.5	2416.8	3474.2					
4-Nov	553017	62078.5	22798.9	63498.7	37741.4	99827.5	57898.2	1903.1	21956.3	12263.4	5850.6	96.3	2798.1	2416.8	3474.2					
9-Nov	554835	62087.4	22798.9	63561.3	37808.9	99827.5	58043.5	1947.8	21956.3	12307.6	5850.6	98.0	2799.7	2416.8	3474.2					
11-Nov	555362	62092.8	22798.9	63581.9	37837.2	99827.5	58097.6	1962.2	21956.3	12319.2	5850.6	98.0	2799.7	2416.8	3474.2					
15-Nov	556208	62112.6	22798.9	63591.1	37940.1	99827.5	58228.1	1985.4	21956.3	12338.1	5850.6	99.6	2801.4	2416.8	3474.2					
18-Nov	556891	62144.5	22798.9	63610.7	37972.1	99827.5	58283.5	2004.2	21956.3	12354.8	5850.6	101.2	2801.4	2416.8	3474.2					
22-Nov	557849	62173.7	22798.9	63653.5	38034.2	99827.5	58394.2	2030.6	21956.3	12371.5	5850.6	101.2	2803.0	2416.8	3474.2					
25-Nov	559120	62227.2	22798.9	63707.3	38079.6	99827.5	58507.2	2063.4	21956.3	12396.4	5850.6	102.9	2804.6	2416.8	3474.5					
29-Nov	560701	62250.3	22798.9	63765.9	38135.2	99827.5	58641.4	2108.1	21956.3	12407.8	5850.6	104.4	2804.6	2416.8	3474.5					

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

DATE: 11/2/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	<u>OFF</u>	<u>AUTO</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	<u>OVERFLOW</u>	HIGH	<u>LOW</u>	<u>OVERFLOW</u>	<u>OVERFLOW</u>
E. Leak in Manifold Piping	YES	<u>NO</u>	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>	<u>NO</u>
F. Elapsed Time Meter	<u>1877.0</u>		<u>24956.3</u>		<u>63467.6</u>		<u>37707.8</u>		<u>99827.5</u>		<u>57520.8</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer 552098 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM) P-1 020111

P-2 22198.4

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>12234.5</u>						
P-2	<u>5557.6</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>		E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>		G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	<u>96.7</u>						
P-2	<u>2796.5</u>						

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2416.8</u>					
P-2	<u>3474.2</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>31592.4</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 11/4/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>			
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>			
C. Selector Switch Position	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>			
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>				
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>				
F. Elapsed Time Meter	<u>1903.1</u>		<u>21956.3</u>		<u>63498.7</u>		<u>37741.4</u>		<u>99827.5</u>		<u>57898.2</u>				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain										YES	<u>NO</u>				
3. D-1 Force Main Totalizer <u>552017</u> x 100 = <u>55201.7</u> D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				<u>62078.5</u>				P-2				<u>22798.9</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump				<u>LOW</u>	HIGH	OTHER					
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping				<u>Checked</u>	<u>No Leak</u>	Leak					
C. Alarm indicator Lights	YES	<u>NO</u>													
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault					
P-1	<u>12263.4</u>														
P-2	<u>5850.6</u>														
6. Lift Station No. 2															
A. Settlement along buried section of force main	YES	<u>NO</u>		E. Check liquid level around stop planks. Is the level,				<u>LOW</u>	HIGH	OTHER					
B. Are sump pumps operating?	YES	<u>NO</u>		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES	<u>NO</u>						
C. Are the alarms or indicator lights on?	YES	<u>NO</u>		G. Check if a pump is out of service				Pump 1	Pump 2						
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>													
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault					
P-1	<u>916.3</u>														
P-2	<u>2798.1</u>														
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes	<u>NORMAL</u>	HIGH		D. Check liquid level in sump				LOW	HIGH	OTHER					
B. Are sump pumps operating	YES	<u>NO</u>		E. Is there any leak in the storage tanks and manifold discharge piping				YES	<u>NO</u>						
C. Alarm indicator Lights	YES	<u>NO</u>		F. Check if a pump is out of service				Pump 1	Pump 2						
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault					
P-1	<u>2416.8</u>														
P-2	<u>3474.2</u>														
8. Carbon Adsorption System															
A. Air Compressors ON	YES	<u>NO</u>		BLOWER No. 1 (ETM)				<u>31542.4</u>							
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>		BLOWER No. 2 (ETM)											
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>													
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>													
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment in the ON position:															
Lift Station No. 1	<u>YES</u>	NO													
Lift Station No. 2	<u>YES</u>	NO													
Decontamination Sump	<u>YES</u>	NO													
Storage Containment Sump	<u>YES</u>	NO													
Site Lighting	<u>YES</u>	NO													

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 11/9/11

INSPECTED BY: MM

1. Down-gradient Collection Sumps																
	D-1				D-8				D-10							
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2					
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF				
B. Running Light On	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO				
C. Selector Switch Position	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO				
D. Liquid Level in Sump	HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW		HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW					
E. Leak in Manifold Piping	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO					
F. Elapsed Time Meter	1947.8		21956.3		63561.3		37808.9		99827.5		58043.5					
2. Down-gradient and Curtain Drain																
A. Is there settlement along alignment of down-gradient curtain drain														<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
3. D-1 Force Main Totalizer <u>554835</u> x 100 = <u>55483.5</u> D-1 Force Main Pressure																
4. Decon. Pumps (ETM)																
P-1				<u>62087.4</u>				P-2				<u>22798.9</u>				
5. Lift Station No. 1																
A. Flow from Curtain Drain	LOW		<input checked="" type="checkbox"/> NORMAL		HIGH		D. Check liquid level in sump		<input checked="" type="checkbox"/> LOW		HIGH		OTHER			
B. Are Sump Pumps Operating	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		E. Check for leak in manifold leachate piping		<input checked="" type="checkbox"/> Checked		<input type="checkbox"/> No Leak		<input type="checkbox"/> Leak					
C. Alarm indicator Lights	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO													
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault			
P-1	<u>12307.6</u>															
P-2	<u>58580.6</u>															
6. Lift Station No. 2																
A. Settlement along buried section of force main	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		E. Check liquid level around stop planks. Is the level,		<input checked="" type="checkbox"/> LOW		HIGH		OTHER					
B. Are sump pumps operating?	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		F. Check surface water in the Bay and Rip-Rap. Are		<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO							
C. Are the alarms or indicator lights on?	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		there any signs of leachate?											
D. Any leaks in the manifold discharge piping	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		G. Check if a pump is out of service		Pump 1		Pump 2							
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault			
P-1	<u>98.0</u>															
P-2	<u>2799.7</u>															
7. Leachate Storage Containment Area and Sump																
A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL		HIGH		D. Check liquid level in sump		<input checked="" type="checkbox"/> LOW		HIGH		OTHER					
B. Are sump pumps operating	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping		<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO							
C. Alarm indicator Lights	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		F. Check if a pump is out of service		Pump 1		Pump 2							
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault			
P-1	<u>2416.8</u>															
P-2	<u>3474.2</u>															
8. Carbon Adsorption System																
A. Air Compressors ON <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																
B. Activated carbon canisters operating (On Line) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																
BLOWER No. 1 (ETM) <u>31542.4</u>																
BLOWER No. 2 (ETM)																
9. Contract HP-877 Force Main Discharge to POTW																
A. Leakage from pipe-work in valve box beside Lift Station No. 1 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																
B. Settlement along alignment of force main to Burr Avenue manhole <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																
10. MOTOR CONTROL CENTER (MCC)																
A. Are all breakers, for the following equipment, in the ON position:																
Lift Station No. 1	<input checked="" type="checkbox"/> YES				<input type="checkbox"/> NO											
Lift Station No. 2	<input checked="" type="checkbox"/> YES				<input type="checkbox"/> NO											
Decontamination Sump	<input checked="" type="checkbox"/> YES				<input type="checkbox"/> NO											
Storage Containment Sump	<input checked="" type="checkbox"/> YES				<input type="checkbox"/> NO											
Site Lighting	<input checked="" type="checkbox"/> YES				<input type="checkbox"/> NO											

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 11/11/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>
E. Leak in Manifold Piping	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
F. Elapsed Time Meter	<u>1962.2</u>		<u>21956.3</u>		<u>63581.9</u>		<u>37837.2</u>		<u>99827.5</u>		<u>58097.6</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer

555362 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

2416.8 P-1

3474.2 P-2

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	No Leak	Leak
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter			High Temp.	Seal Fail	Fault	
P-1	<u>12317.2</u>						
P-2	<u>5850.6</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>98.0</u>					
P-2	<u>2199.7</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>02092.8</u>					
P-2	<u>22798.9</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>31542.4</u>
B. Activated carbon canisters operating (On Line)	YES	<u>NO</u>	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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:

11/15/11

INSPECTED BY:

[Signature]

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF			
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO			
C. Selector Switch Position	HAND	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO			
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW		HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW		HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW				
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO				
F. Elapsed Time Meter	1985.4		21956.3		6359.1		37940.1		99827.5		58228.1				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain												YES	<input checked="" type="checkbox"/> NO		
3. D-1 Force Main Totalizer 556268 x 100 = D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				62112.6				P-2				22798.9			
5. Lift Station No. 1															
A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH		D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER							
B. Are Sump Pumps Operating	YES		<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping	<input checked="" type="checkbox"/> Checked		No Leak	Leak						
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO												
Pumps	Elapsed Time Meter				High Temp.		Seal Fail		Fault						
P-1	12338.1														
P-2	5850.6														
6. Lift Station No. 2															
A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO			E. Check liquid level around stop planks. Is the level,	<input checked="" type="checkbox"/> LOW	HIGH	OTHER							
B. Are sump pumps operating?	YES		<input checked="" type="checkbox"/> NO		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<input checked="" type="checkbox"/> NO								
C. Are the alarms or indicator lights on?	YES		<input checked="" type="checkbox"/> NO		G. Check if a pump is out of service	Pump 1	Pump 2								
D. Any leaks in the manifold discharge piping	YES		<input checked="" type="checkbox"/> NO												
Pumps	Elapsed Time Meter				High Temp.		Seal Fail		Fault						
P-1	99.6														
P-2	2801.4														
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	HIGH			D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	HIGH	OTHER							
B. Are sump pumps operating	YES		<input checked="" type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping	YES	<input checked="" type="checkbox"/> NO								
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO		F. Check if a pump is out of service	Pump 1	Pump 2								
Pumps	Elapsed Time Meter				High Temp.		Seal Fail		Fault						
P-1	2416.8														
P-2	3474.2														
8. Carbon Adsorption System															
A. Air Compressors ON	YES	<input checked="" type="checkbox"/> NO			BLOWER No. 1 (ETM)	31542.4									
B. Activated carbon canisters operating (On Line)	YES	<input checked="" type="checkbox"/> NO			BLOWER No. 2 (ETM)										
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="checkbox"/> NO													
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="checkbox"/> NO													
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1	<input checked="" type="checkbox"/> YES		NO												
Lift Station No. 2	<input checked="" type="checkbox"/> YES		NO												
Decontamination Sump	<input checked="" type="checkbox"/> YES		NO												
Storage Containment Sump	<input checked="" type="checkbox"/> YES		NO												
Site Lighting	<input checked="" type="checkbox"/> YES		NO												

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 11/18/11

INSPECTED BY: AM

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
B. Running Light On	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
C. Selector Switch Position	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO	HAND	OFF	AUTO
D. Liquid Level in Sump	HIGH	LOW	OVERFLOW		HIGH	LOW	OVERFLOW		HIGH	LOW	OVERFLOW	
E. Leak in Manifold Piping	YES		NO		YES		NO		YES		NO	
F. Elapsed Time Meter	204.2		21956.3		63410.7		37972		99827.5		58283	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain

YES NO

3. D-1 Force Main Totalizer

556891

x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1

62144.5

P-2

22795.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are Sump Pumps Operating	YES	NO		E. Check for leak in manifold leachate piping	Checked	No Leak	Leak
C. Alarm indicator Lights	YES	NO					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	12354.8						
P-2	5850.6						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	NO	E. Check liquid level around stop planks. Is the level,	LOW	HIGH	OTHER
B. Are sump pumps operating?	YES	NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	NO	
C. Are the alarms or indicator lights on?	YES	NO	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	NO				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	101.2					
P-2	2801.4					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	NORMAL	HIGH	D. Check liquid level in sump	LOW	HIGH	OTHER
B. Are sump pumps operating	YES	NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	NO	
C. Alarm indicator Lights	YES	NO	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	2416.8					
P-2	3474.2					

8. Carbon Adsorption System

A. Air Compressors ON	YES	NO	BLOWER No. 1 (ETM)	<u>31542.4</u>
B. Activated carbon canisters operating (On Line)	YES	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	NO
B. Settlement along alignment of force main to Burr Avenue manhole	YES	NO

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	YES	NO
Lift Station No. 2	YES	NO
Decontamination Sump	YES	NO
Storage Containment Sump	YES	NO
Site Lighting	YES	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 11/22/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps																
	D-1				D-8				D-10							
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2					
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> OFF				
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO				
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	AUTO	HAND	<input checked="" type="checkbox"/> OFF	AUTO	HAND	<input checked="" type="checkbox"/> OFF	AUTO	HAND	<input checked="" type="checkbox"/> OFF	AUTO				
D. Liquid Level in Sump	HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW		HIGH		<input checked="" type="checkbox"/> LOW		OVERFLOW					
E. Leak in Manifold Piping	YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO		YES		<input checked="" type="checkbox"/> NO					
F. Elapsed Time Meter	2030.6		21756.3		63653.5		38034.2		99827.5		58394.2					
2. Down-gradient and Curtain Drain																
A. Is there settlement along alignment of down-gradient curtain drain														YES	<input checked="" type="checkbox"/> NO	
3. D-1 Force Main Totalizer <u>557849</u> x 100 = <u>55784.9</u> D-1 Force Main Pressure																
4. Decon. Pumps (ETM)																
P-1				<u>62173.1</u>				P-2				<u>22798.9</u>				
5. Lift Station No. 1																
A. Flow from Curtain Drain	LOW		<input checked="" type="checkbox"/> NORMAL		HIGH		D. Check liquid level in sump		<input checked="" type="checkbox"/> LOW		HIGH		OTHER			
B. Are Sump Pumps Operating	YES		<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping		<input checked="" type="checkbox"/> Checked		<input checked="" type="checkbox"/> No Leak		Leak					
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO													
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault			
P-1	<u>11311.5</u>															
P-2	<u>5850.6</u>															
6. Lift Station No. 2																
A. Settlement along buried section of force main	YES		<input checked="" type="checkbox"/> NO		E. Check liquid level around stop planks. Is the level,		<input checked="" type="checkbox"/> LOW		HIGH		OTHER					
B. Are sump pumps operating?	YES		<input checked="" type="checkbox"/> NO		F. Check surface water in the Bay and Rip-Rap. Are		YES		<input checked="" type="checkbox"/> NO							
C. Are the alarms or indicator lights on?	YES		<input checked="" type="checkbox"/> NO		there any signs of leachate?											
D. Any leaks in the manifold discharge piping	YES		<input checked="" type="checkbox"/> NO		G. Check if a pump is out of service		Pump 1		Pump 2							
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault			
P-1	<u>101.2</u>															
P-2	<u>2863.0</u>															
7. Leachate Storage Containment Area and Sump																
A. Flow through sump weep holes	NORMAL		HIGH		D. Check liquid level in sump		<input checked="" type="checkbox"/> LOW		HIGH		OTHER					
B. Are sump pumps operating	YES		<input checked="" type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping		YES		<input checked="" type="checkbox"/> NO							
C. Alarm indicator Lights	YES		<input checked="" type="checkbox"/> NO		F. Check if a pump is out of service		Pump 1		Pump 2							
Pumps	Elapsed Time Meter				High Temp.				Seal Fail				Fault			
P-1	<u>2716.8</u>															
P-2	<u>3417.2</u>															
8. Carbon Adsorption System																
A. Air Compressors ON	YES		<input checked="" type="checkbox"/> NO		BLOWER No. 1 (ETM)		<u>31542.4</u>									
B. Activated carbon canisters operating (On Line)	YES		<input checked="" type="checkbox"/> NO		BLOWER No. 2 (ETM)											
9. Contract HP-877 Force Main Discharge to POTW																
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES		<input checked="" type="checkbox"/> NO													
B. Settlement along alignment of force main to Burr Avenue manhole	YES		<input checked="" type="checkbox"/> NO													
10. MOTOR CONTROL CENTER (MCC)																
A. Are all breakers, for the following equipment, in the ON position:																
Lift Station No. 1	YES		<input checked="" type="checkbox"/> NO													
Lift Station No. 2	YES		<input checked="" type="checkbox"/> NO													
Decontamination Sump	YES		<input checked="" type="checkbox"/> NO													
Storage Containment Sump	YES		<input checked="" type="checkbox"/> NO													
Site Lighting	YES		<input checked="" type="checkbox"/> NO													

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 11/25/11

INSPECTED BY: AM

1. Down-gradient Collection/Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	<u>LOW</u>	OVERFLOW	HIGH	<u>LOW</u>	<u>LOW</u>	OVERFLOW
E. Leak in Manifold Piping	YES	<u>NO</u>	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>	<u>NO</u>
F. Elapsed Time Meter	<u>2063.4</u>		<u>21956.3</u>		<u>63701.3</u>		<u>38079.6</u>		<u>99827.5</u>		<u>58507.2</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain	YES	<u>NO</u>
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3. D-1 Force Main Totalizer 559120 $\times 100 =$ 559134 D-1 Force Main Pressure

4. Decon. Pumps (ETM) P-1 62277.2 P-2 22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>	<u>NO</u>	E. Check for leak in manifold leachate piping	<u>Checked</u>	No Leak	Leak
C. Alarm indicator Lights	YES	<u>NO</u>	<u>NO</u>				

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>12396.4</u>			
P-2	<u>5850.6</u>			

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	<u>NO</u>
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>1029</u>			
P-2	<u>2804.6</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	<u>NO</u>
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>2416.8</u>			
P-2	<u>3474.5</u>			

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>31542.4</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 11/29/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps														
	D-1				D-8				D-10					
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2			
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF	
B. Running Light On	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> NO	
C. Selector Switch Position	HAND	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	<input type="checkbox"/> OFF	
D. Liquid Level in Sump	HIGH		<input checked="" type="checkbox"/> LOW		<input checked="" type="checkbox"/> OVERFLOW		HIGH		<input checked="" type="checkbox"/> LOW		<input checked="" type="checkbox"/> OVERFLOW		HIGH	
E. Leak in Manifold Piping	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO			
F. Elapsed Time Meter	2108.1		21956.3		63765.9		38135.2		99827.5		58642.4			
2. Down-gradient and Curtain Drain														
A. Is there settlement along alignment of down-gradient curtain drain												<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
3. D-1 Force Main Totalizer <u>560701</u> $\times 100 =$ <u>56070.1</u> D-1 Force Main Pressure														
4. Decon. Pumps (ETM)														
P-1				<u>62250.3</u>				P-2				<u>22798.9</u>		
5. Lift Station No. 1														
A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH		D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH		OTHER		
B. Are Sump Pumps Operating	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO		E. Check for leak in manifold leachate piping				<input checked="" type="checkbox"/> Checked	<input type="checkbox"/> No Leak		<input type="checkbox"/> Leak		
C. Alarm indicator Lights	<input checked="" type="checkbox"/> YES		<input type="checkbox"/> NO											
Pumps		Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1		<u>12407.8</u>												
P-2		<u>5850.6</u>												
6. Lift Station No. 2														
A. Settlement along buried section of force main				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		E. Check liquid level around stop planks. Is the level				<input checked="" type="checkbox"/> LOW	HIGH		OTHER
B. Are sump pumps operating?				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		
C. Are the alarms or indicator lights on?				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		G. Check if a pump is out of service				Pump 1		Pump 2	
Pumps		Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1		<u>109.4</u>												
P-2		<u>2804.6</u>												
7. Leachate Storage Containment Area and Sump														
A. Flow through sump weep holes				<input checked="" type="checkbox"/> NORMAL	HIGH		D. Check liquid level in sump				<input checked="" type="checkbox"/> LOW	HIGH		OTHER
B. Are sump pumps operating				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		E. Is there any leak in the storage tanks and manifold discharge piping				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		
C. Alarm indicator Lights				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		F. Check if a pump is out of service				Pump 1		Pump 2	
Pumps		Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1		<u>2416.8</u>												
P-2		<u>3414.5</u>												
8. Carbon Adsorption System														
A. Air Compressors ON				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		BLOWER No. 1 (ETM)				<u>31542.4</u>			
B. Activated carbon canisters operating (On Line)				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW														
A. Leakage from pipe-work in valve box beside Lift Station No. 1				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO									
B. Settlement along alignment of force main to Burr Avenue manhole				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO									
10. MOTOR CONTROL CENTER (MCC)														
A. Are all breakers, for the following equipment, in the ON position:														
Lift Station No. 1				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO									
Lift Station No. 2				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO									
Decontamination Sump				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO									
Storage Containment Sump				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO									
Site Lighting				<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO									

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

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

NOVEMBER 2011

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	OK	OK	OK	OK	OK	OK	OK	OK	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	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

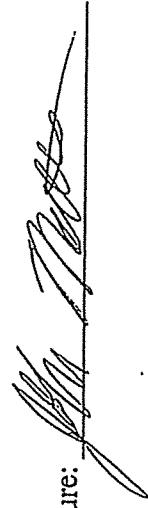
Item No.	Inspection Item	Manhole and Sump Number										
		LS-1	LS-2	DS-1	DS-2*	TS-1	U-1	U-2	U-3	U-4	U-5	U-6
1	Manhole Cover	OK	OK	OK	-	OK	OK	OK	OK	OK		-
2	Silt Accumulation	OK	OK	OK	-	OK	OK	OK	OK	OK		-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	OK		-
4	Pipe Connections	OK	OK	OK	-	OK	OK	OK	OK	OK		-
5	Settlement Along Curtain Drain	OK	OK	OK	-	OK	OK	OK	OK	OK		-
6	Flow into manhole or sump	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.
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

DATE: **11/30/11**

Tech: John Matthews

Signature: 

PELHAM BAY LANDFILL																
GROUNDWATER LEACHATE BI-WEEKLY INSPECTION SUMMARY REPORT (GWL-1)																
Month: DECEMBER 2011																
DATE	P.S. -D1 to WWTP Totalizer Reading (100 gals)	Downgradient Collection Sumps						ELAPSED TIME METER READINGS (Hours)						Remarks and Deficiencies		
		ELAPSED TIME METER READINGS (Minutes)						ELAPSED TIME METER READINGS (Hours)								
		Decon Pumps		D-8		D-10		D-1		Lift Sta. No. 1		Lift Sta. No. 2			Leachate Storage Containment Sump	
		Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2	Pump-1	Pump-2		Pump-1	Pump-2
1-Dec	561378	62260.0	22798.9	63795.8	38165.4	99827.5	58708.3	2127.6	21956.3	12413.1	5850.6	104.4	2806.2	2416.8	3474.5	
6-Dec	562837	62271.7	22798.9	63858.7	38232.5	99827.5	58847.9	2169.6	21956.3	12422.5	5850.6	106.0	2807.8	2416.8	3474.5	
9-Dec	563868	62271.8	22798.9	63911.3	38281.8	99827.5	58968.6	2199.3	21956.8	12453.6	5855.8	107.5	2807.8	2416.8	3478.1	
13-Dec	565615	62271.8	22798.9	63978.4	38337.1	99827.5	59116.6	2249.3	21956.8	12494.7	5855.8	109.1	2809.7	2440.6	3499.3	
15-Dec	566332	62271.8	22798.9	64006.0	38361.7	99827.5	59175.4	2269.2	21956.8	12508.3	5855.8	109.1	2811.2	2440.6	3499.3	
20-Dec	567943	62271.8	22798.9	64070.3	38432.9	99827.5	59325.2	2314.7	21956.8	12535.8	5855.8	110.7	2811.2	2440.6	3499.3	
22-Dec	568560	62271.8	22798.9	64089.6	38464.2	99827.5	59381.1	2332.1	21956.8	12545.4	5855.8	110.7	2812.9	2440.6	3499.3	
27-Dec	570043	62271.8	22798.9	64155.1	38534.3	99827.5	59527.1	2373.4	21956.8	12598.7	5856.2	112.2	2814.5	2440.7	3499.3	
30-Dec	572180	62271.8	22798.9	64205.6	38576.3	99827.5	59633.5	2428.1	21997.2	12620.7	5858.5	113.9	2814.5	2440.8	3499.3	

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

DATE: 12/1/11

INSPECTED BY: pm

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF	<input checked="" type="radio"/> ON	<input type="radio"/> OFF
B. Running Light On	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO	YES	<input checked="" type="radio"/> NO
C. Selector Switch Position	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF	HAND	<input checked="" type="radio"/> OFF
D. Liquid Level in Sump	HIGH	<input checked="" type="radio"/> LOW	OVERFLOW		HIGH	<input checked="" type="radio"/> LOW	OVERFLOW		HIGH	<input checked="" type="radio"/> LOW	OVERFLOW	
E. Leak in Manifold Piping	YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO		YES		<input checked="" type="radio"/> NO	
F. Elapsed Time Meter	2127.6		21956.3		63795.8		38165.4		99827.5		58708.3	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES ☐ NO ☐

3. D-1 Force Main Totalizer 561375 x 100 = 7.34

D-1 Force Main Pressure

4. Decon. Pumps (ETM) P-1 02260.0

P-2 22798.4

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<input checked="" type="radio"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="radio"/> LOW	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<input checked="" type="radio"/> NO		E. Check for leak in manifold leachate piping	<input checked="" type="radio"/> Checked	<input checked="" type="radio"/> No Leak	Leak
C. Alarm indicator Lights	YES	<input checked="" type="radio"/> NO					

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>12413.1</u>			
P-2	<u>5850.6</u>			

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<input checked="" type="radio"/> NO	E. Check liquid level around stop planks. Is the level,	<input checked="" type="radio"/> LOW	HIGH	OTHER
B. Are sump pumps operating?	YES	<input checked="" type="radio"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<input checked="" type="radio"/> NO	
C. Are the alarms or indicator lights on?	YES	<input checked="" type="radio"/> NO	G. Check if a pump is out of service	Pump 1	Pump 2	

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>104.4</u>			
P-2	<u>1506.2</u>			

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<input checked="" type="radio"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="radio"/> LOW	HIGH	OTHER
B. Are sump pumps operating	YES	<input checked="" type="radio"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<input checked="" type="radio"/> NO	
C. Alarm indicator Lights	YES	<input checked="" type="radio"/> NO	F. Check if a pump is out of service	Pump 1	Pump 2	

Pumps	Elapsed Time Meter	High Temp.	Seal Fail	Fault
P-1	<u>2416.8</u>			
P-2	<u>3474.5</u>			

8. Carbon Adsorption System

A. Air Compressors ON	YES	<input checked="" type="radio"/> NO	BLOWER No. 1 (ETM)	<u>31542.4</u>
B. Activated carbon canisters operating (On Line)	<input checked="" type="radio"/> YES	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="radio"/> NO
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="radio"/> NO

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<input checked="" type="radio"/> YES	NO
Lift Station No. 2	<input checked="" type="radio"/> YES	NO
Decontamination Sump	<input checked="" type="radio"/> YES	NO
Storage Containment Sump	<input checked="" type="radio"/> YES	NO
Site Lighting	<input checked="" type="radio"/> YES	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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:

12/6/11

INSPECTED BY:

[Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF
B. Running Light On	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO	YES	<input checked="" type="checkbox"/> NO
C. Selector Switch Position	HAND	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO	HAND	<input checked="" type="checkbox"/> OFF	<input checked="" type="checkbox"/> AUTO	HAND	OFF	<input checked="" type="checkbox"/> AUTO
D. Liquid Level in Sump	HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW		HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW		HIGH	<input checked="" type="checkbox"/> LOW	<input checked="" type="checkbox"/> OVERFLOW	
E. Leak in Manifold Piping	YES	<input checked="" type="checkbox"/> NO			YES	<input checked="" type="checkbox"/> NO			YES	<input checked="" type="checkbox"/> NO		
F. Elapsed Time Meter	21690		21956.3		63858.7		38232.5		99827.5		58897.9	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES ☐ NO ☒

3. D-1 Force Main Totalizer 56.2837 x 100 =

D-1 Force Main Pressure

4. Decon. Pumps (ETM)

P-1 62211.1

P-2 22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	LOW	<input checked="" type="checkbox"/> HIGH	OTHER
B. Are Sump Pumps Operating	YES	<input checked="" type="checkbox"/> NO		E. Check for leak in manifold leachate piping	Checked	<input checked="" type="checkbox"/> No Leak	Leak
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO					
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault		
P-1	12.422.5						
P-2	5850.6						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<input checked="" type="checkbox"/> NO	D. Check liquid level around stop planks. Is the level,	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	OTHER
B. Are sump pumps operating?	YES	<input checked="" type="checkbox"/> NO	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<input checked="" type="checkbox"/> NO	
C. Are the alarms or indicator lights on?	YES	<input checked="" type="checkbox"/> NO	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<input checked="" type="checkbox"/> NO				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	10.0					
P-2	7801.8					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<input checked="" type="checkbox"/> NORMAL	HIGH	D. Check liquid level in sump	<input checked="" type="checkbox"/> LOW	<input type="checkbox"/> HIGH	OTHER
B. Are sump pumps operating	YES	<input checked="" type="checkbox"/> NO	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<input checked="" type="checkbox"/> NO	
C. Alarm indicator Lights	YES	<input checked="" type="checkbox"/> NO	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	2416.8					
P-2	3414.5					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<input checked="" type="checkbox"/> NO	BLOWER No. 1 (ETM)	31542.4
B. Activated carbon canisters operating (On Line)	<input checked="" type="checkbox"/> YES	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<input checked="" type="checkbox"/> NO
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<input checked="" type="checkbox"/> NO

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:		
Lift Station No. 1	<input checked="" type="checkbox"/> YES	NO
Lift Station No. 2	<input checked="" type="checkbox"/> YES	NO
Decontamination Sump	<input checked="" type="checkbox"/> YES	NO
Storage Containment Sump	<input checked="" type="checkbox"/> YES	NO
Site Lighting	<input checked="" type="checkbox"/> YES	NO

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

12/6/11

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

DATE: 12/9/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps

	D-1				D-8				D-10			
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2	
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>
D. Liquid Level in Sump	HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW		HIGH	<u>LOW</u>	OVERFLOW	
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>	
F. Elapsed Time Meter	<u>2199.3</u>		<u>21956.8</u>		<u>63911.3</u>		<u>38281.8</u>		<u>99827.5</u>		<u>58908.6</u>	

2. Down-gradient and Curtain Drain

A. Is there settlement along alignment of down-gradient curtain drain YES NO

3. D-1 Force Main Totalizer 563868 x 100 = 56386.8 D-1 Force Main Pressure

4. Decon. Pumps (ETM) P-1 62271.8 P-2 22798.9

5. Lift Station No. 1

A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are Sump Pumps Operating	YES	<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	<u>Leak</u>
C. Alarm indicator Lights	YES	<u>NO</u>					
Pumps	Elapsed Time Meter			High Temp.	Seal Fail	Fault	
P-1	<u>12453.6</u>						
P-2	<u>5355.8</u>						

6. Lift Station No. 2

A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating?	YES	<u>NO</u>	F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>	
C. Are the alarms or indicator lights on?	YES	<u>NO</u>	G. Check if a pump is out of service	Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>				
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>1071.5</u>					
P-2	<u>2801.8</u>					

7. Leachate Storage Containment Area and Sump

A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER
B. Are sump pumps operating	YES	<u>NO</u>	E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>	
C. Alarm indicator Lights	YES	<u>NO</u>	F. Check if a pump is out of service	Pump 1	Pump 2	
Pumps	Elapsed Time Meter		High Temp.	Seal Fail	Fault	
P-1	<u>2416.8</u>					
P-2	<u>3478.1</u>					

8. Carbon Adsorption System

A. Air Compressors ON	YES	<u>NO</u>	BLOWER No. 1 (ETM)	<u>315424</u>
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO	BLOWER No. 2 (ETM)	

9. Contract HP-877 Force Main Discharge to POTW

A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>

10. MOTOR CONTROL CENTER (MCC)

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

Lift Station No. 1	<u>YES</u>	NO
Lift Station No. 2	<u>YES</u>	NO
Decontamination Sump	<u>YES</u>	NO
Storage Containment Sump	<u>YES</u>	NO
Site Lighting	<u>YES</u>	NO

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 12/13/11

INSPECTED BY: Am

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>			
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>			
C. Selector Switch Position	HAND	<u>OFF</u>	<u>AUTO</u>	<u>OFF</u>	HAND	<u>OFF</u>	<u>AUTO</u>	<u>OFF</u>	HAND	<u>OFF</u>	<u>AUTO</u>	<u>OFF</u>			
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>				
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>				
F. Elapsed Time Meter	<u>2249.3</u>		<u>21956.8</u>		<u>63978.4</u>		<u>38337.1</u>		<u>99827.5</u>		<u>59116.6</u>				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain												YES	<u>NO</u>		
3. D-1 Force Main Totalizer <u>67.5615</u> x 100 = <u>6756.15</u> D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				<u>62271.8</u>				P-2				<u>22798.9</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain		<u>LOW</u>		<u>NORMAL</u>		<u>HIGH</u>		D. Check liquid level in sump		<u>LOW</u>		<u>HIGH</u>		OTHER	
B. Are Sump Pumps Operating		YES		<u>NO</u>				E. Check for leak in manifold leachate piping		<u>Checked</u>		<u>No Leak</u>		<u>Leak</u>	
C. Alarm indicator Lights		YES		<u>NO</u>											
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault							
P-1		<u>12499.7</u>													
P-2		<u>5855.8</u>													
6. Lift Station No. 2															
A. Settlement along buried section of force main		YES		<u>NO</u>		E. Check liquid level around stop planks. Is the level.		<u>LOW</u>		<u>HIGH</u>		OTHER			
B. Are sump pumps operating?		YES		<u>NO</u>		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?		YES		<u>NO</u>					
C. Are the alarms or indicator lights on?		YES		<u>NO</u>		G. Check if a pump is out of service		Pump 1		Pump 2					
D. Any leaks in the manifold discharge piping		YES		<u>NO</u>											
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault							
P-1		<u>1091</u>													
P-2		<u>2869.7</u>													
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes		<u>NORMAL</u>		<u>HIGH</u>		D. Check liquid level in sump		<u>LOW</u>		<u>HIGH</u>		OTHER			
B. Are sump pumps operating		YES		<u>NO</u>		E. Is there any leak in the storage tanks and manifold discharge piping		YES		<u>NO</u>					
C. Alarm indicator Lights		YES		<u>NO</u>		F. Check if a pump is out of service		Pump 1		Pump 2					
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault							
P-1		<u>2440.6</u>													
P-2		<u>3499.3</u>													
8. Carbon Adsorption System															
A. Air Compressors ON		YES		<u>NO</u>		BLOWER No. 1 (ETM)		<u>31542.4</u>							
B. Activated carbon canisters operating (On Line)		<u>YES</u>		<u>NO</u>		BLOWER No. 2 (ETM)									
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1		YES		<u>NO</u>											
B. Settlement along alignment of force main to Burr Avenue manhole		YES		<u>NO</u>											
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1		<u>YES</u>		<u>NO</u>											
Lift Station No. 2		<u>YES</u>		<u>NO</u>											
Decontamination Sump		<u>YES</u>		<u>NO</u>											
Storage Containment Sump		<u>YES</u>		<u>NO</u>											
Site Lighting		<u>YES</u>		<u>NO</u>											

Tanks 90% Full

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 12/15/11

INSPECTED BY: JM

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	
C. Selector Switch Position	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>		
E. Leak in Manifold Piping	YES	<u>NO</u>			YES	<u>NO</u>			YES	<u>NO</u>			
F. Elapsed Time Meter	<u>2269.2</u>		<u>21956.8</u>		<u>64006.0</u>		<u>38361.7</u>		<u>99827.5</u>		<u>59175.4</u>		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES <u>NO</u>	
3. D-1 Force Main Totalizer <u>506332</u> x 100 = <u>50633.2</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>63271.5</u>				P-2				<u>22798.7</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH		D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER					
B. Are Sump Pumps Operating	YES	<u>NO</u>			E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak					
C. Alarm indicator Lights	YES	<u>NO</u>											
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>17508.3</u>											
P-2		<u>5855.8</u>											
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES	<u>NO</u>			E. Check liquid level around stop planks. Is the level,	<u>LOW</u>	HIGH	OTHER					
B. Are sump pumps operating?	YES	<u>NO</u>			F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>						
C. Are the alarms or indicator lights on?	YES	<u>NO</u>			G. Check if a pump is out of service	Pump 1	Pump 2						
D. Any leaks in the manifold discharge piping	YES	<u>NO</u>											
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>109.1</u>											
P-2		<u>2811.2</u>											
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<u>NORMAL</u>	HIGH			D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER					
B. Are sump pumps operating	YES	<u>NO</u>			E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>						
C. Alarm indicator Lights	YES	<u>NO</u>			F. Check if a pump is out of service	Pump 1	Pump 2						
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault					
P-1		<u>2440.6</u>											
P-2		<u>3499.3</u>											
8. Carbon Adsorption System													
A. Air Compressors ON				YES <u>NO</u>	BLOWER No. 1 (ETM)				<u>31542.7</u>				
B. Activated carbon canisters operating (On Line)				YES <u>NO</u>	BLOWER No. 2 (ETM)								
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES <u>NO</u>									
B. Settlement along alignment of force main to Burr Avenue manhole				YES <u>NO</u>									
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1				<u>YES</u>	NO								
Lift Station No. 2				<u>YES</u>	NO								
Decontamination Sump				<u>YES</u>	NO								
Storage Containment Sump				<u>YES</u>	NO								
Site Lighting				<u>YES</u>	NO								

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 12/20/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps																			
	D-1				D-8				D-10										
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2								
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>							
B. Running Light On	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>							
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>							
D. Liquid Level in Sump	HIGH		<u>LOW</u>		OVERFLOW		HIGH		<u>LOW</u>		OVERFLOW								
E. Leak in Manifold Piping	<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>								
F. Elapsed Time Meter	2314.7		24956.8		64070.3		38432.9		99827.5		59325.2								
2. Down-gradient and Curtain Drain												A. Is there settlement along alignment of down-gradient curtain drain		<u>YES</u>	<u>NO</u>				
3. D-1 Force Main Totalizer												56794.3		x 100 =		D-1 Force Main Pressure			
4. Decon. Pumps (ETM)												P-1		62271.8		P-2		22798.9	
5. Lift Station No. 1																			
A. Flow from Curtain Drain	LOW		<u>NORMAL</u>		HIGH		D. Check liquid level in sump		<u>LOW</u>		HIGH		OTHER						
B. Are Sump Pumps Operating	<u>YES</u>		<u>NO</u>		E. Check for leak in manifold leachate piping		<u>Checked</u>		<u>No Leak</u>		Leak								
C. Alarm indicator Lights	<u>YES</u>		<u>NO</u>																
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault									
P-1		12535.8																	
P-2		5855.8																	
6. Lift Station No. 2																			
A. Settlement along buried section of force main	<u>YES</u>		<u>NO</u>		E. Check liquid level around stop planks. Is the level,		<u>LOW</u>		HIGH		OTHER								
B. Are sump pumps operating?	<u>YES</u>		<u>NO</u>		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?		<u>YES</u>		<u>NO</u>										
C. Are the alarms or indicator lights on?	<u>YES</u>		<u>NO</u>		G. Check if a pump is out of service		Pump 1		Pump 2										
D. Any leaks in the manifold discharge piping	<u>YES</u>		<u>NO</u>																
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault									
P-1		110.1																	
P-2		2811.2																	
7. Leachate Storage Containment Area and Sump																			
A. Flow through sump weep holes	<u>NORMAL</u>		<u>HIGH</u>		D. Check liquid level in sump		<u>LOW</u>		HIGH		OTHER								
B. Are sump pumps operating	<u>YES</u>		<u>NO</u>		E. Is there any leak in the storage tanks and manifold discharge piping		<u>YES</u>		<u>NO</u>										
C. Alarm indicator Lights	<u>YES</u>		<u>NO</u>		F. Check if a pump is out of service		Pump 1		Pump 2										
Pumps		Elapsed Time Meter				High Temp.		Seal Fail		Fault									
P-1		2440.6																	
P-2		3499.3																	
8. Carbon Adsorption System																			
A. Air Compressors ON	<u>YES</u>		<u>NO</u>		BLOWER No. 1 (ETM)		81542.4												
B. Activated carbon canisters operating (On Line)	<u>YES</u>		<u>NO</u>		BLOWER No. 2 (ETM)														
9. Contract HP-877 Force Main Discharge to POTW																			
A. Leakage from pipe-work in valve box beside Lift Station No. 1	<u>YES</u>		<u>NO</u>																
B. Settlement along alignment of force main to Burr Avenue manhole	<u>YES</u>		<u>NO</u>																
10. MOTOR CONTROL CENTER (MCC)																			
A. Are all breakers, for the following equipment, in the ON position:																			
Lift Station No. 1	<u>YES</u>		<u>NO</u>																
Lift Station No. 2	<u>YES</u>		<u>NO</u>																
Decontamination Sump	<u>YES</u>		<u>NO</u>																
Storage Containment Sump	<u>YES</u>		<u>NO</u>																
Site Lighting	<u>YES</u>		<u>NO</u>																

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 12/22/11

INSPECTED BY: AM

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	
B. Running Light On	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	<u>END</u>	HAND	OFF	<u>AUTO</u>	<u>END</u>	HAND	OFF	<u>AUTO</u>	<u>END</u>	
D. Liquid Level in Sump	HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		
E. Leak in Manifold Piping	<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		<u>YES</u>		<u>NO</u>		
F. Elapsed Time Meter	2332.1		21956.8		64089.6		38464.2		99827.5		59381.1		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												<u>YES</u>	<u>NO</u>
3. D-1 Force Main Totalizer <u>50756.0</u> x 100 = <u>5075.6</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM) P-1 <u>62271.8</u> P-2 <u>22798.9</u>													
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH	D. Check liquid level in sump				<u>LOW</u>	HIGH	OTHER			
B. Are Sump Pumps Operating	<u>YES</u>			<u>NO</u>			E. Check for leak in manifold leachate piping				<u>Checked</u>	<u>No Leak</u>	<u>Leak</u>
C. Alarm indicator Lights	<u>YES</u>			<u>NO</u>									
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	<u>12545.4</u>												
P-2	<u>5855.8</u>												
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES	<u>NO</u>	E. Check liquid level around stop planks. Is the level,				<u>LOW</u>	HIGH	OTHER				
B. Are sump pumps operating?	<u>YES</u>			<u>NO</u>			F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				<u>YES</u>	<u>NO</u>	
C. Are the alarms or indicator lights on?	<u>YES</u>			<u>NO</u>			G. Check if a pump is out of service				Pump 1	Pump 2	
D. Any leaks in the manifold discharge piping	<u>YES</u>			<u>NO</u>									
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	<u>110.1</u>												
P-2	<u>2812.9</u>												
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<u>NORMAL</u>	HIGH	D. Check liquid level in sump				<u>LOW</u>	HIGH	OTHER				
B. Are sump pumps operating	<u>YES</u>			<u>NO</u>			E. Is there any leak in the storage tanks and manifold discharge piping				<u>YES</u>	<u>NO</u>	
C. Alarm indicator Lights	<u>YES</u>			<u>NO</u>			F. Check if a pump is out of service				Pump 1	Pump 2	
Pumps	Elapsed Time Meter			High Temp.			Seal Fail			Fault			
P-1	<u>2440.6</u>												
P-2	<u>3499.3</u>												
8. Carbon Adsorption System													
A. Air Compressors ON				<u>YES</u>	<u>NO</u>	BLOWER No. 1 (ETM)				<u>31542.4</u>			
B. Activated carbon canisters operating (On Line)				<u>YES</u>	<u>NO</u>	BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1				<u>YES</u>	<u>NO</u>								
B. Settlement along alignment of force main to Burr Avenue manhole				<u>YES</u>	<u>NO</u>								
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<u>YES</u>			<u>NO</u>									
Lift Station No. 2	<u>YES</u>			<u>NO</u>									
Decontamination Sump	<u>YES</u>			<u>NO</u>									
Storage Containment Sump	<u>YES</u>			<u>NO</u>									
Site Lighting	<u>YES</u>			<u>NO</u>									

Tanks 1/4

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 12/27/11

INSPECTED BY: pm

1. Down-gradient Collection Sumps													
	D-1				D-8				D-10				
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2		
A. Circuit Breakers	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	<u>ON</u>	<u>OFF</u>	
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	
C. Selector Switch Position	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	HAND	<u>OFF</u>	<u>AUTO</u>	
D. Liquid Level in Sump	HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>		HIGH	<u>LOW</u>	<u>OVERFLOW</u>		
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>		
F. Elapsed Time Meter	2373.4		21956.8		64155.1		38534.3		99827.5		59527.1		
2. Down-gradient and Curtain Drain													
A. Is there settlement along alignment of down-gradient curtain drain												YES	<u>NO</u>
3. D-1 Force Main Totalizer <u>570043</u> $\times 100 =$ <u>57004300</u> D-1 Force Main Pressure													
4. Decon. Pumps (ETM)													
P-1				<u>62271.8</u>				P-2				<u>22798.9</u>	
5. Lift Station No. 1													
A. Flow from Curtain Drain	LOW	<u>NORMAL</u>	HIGH		D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER					
B. Are Sump Pumps Operating	YES		<u>NO</u>		E. Check for leak in manifold leachate piping	<u>Checked</u>	<u>No Leak</u>	Leak					
C. Alarm indicator Lights	YES		<u>NO</u>										
Pumps	Elapsed Time Meter				High Temp.		Seal Fail		Fault				
P-1	<u>12598.7</u>												
P-2	<u>5856.2</u>												
6. Lift Station No. 2													
A. Settlement along buried section of force main	YES	<u>NO</u>			E. Check liquid level around stop planks. Is the level	<u>LOW</u>	HIGH	OTHER					
B. Are sump pumps operating?	YES		<u>NO</u>		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?	YES	<u>NO</u>						
C. Are the alarms or indicator lights on?	YES		<u>NO</u>		G. Check if a pump is out of service	Pump 1	Pump 2						
D. Any leaks in the manifold discharge piping	YES		<u>NO</u>										
Pumps	Elapsed Time Meter				High Temp.		Seal Fail		Fault				
P-1	<u>112.5</u>												
P-2	<u>2814.5</u>												
7. Leachate Storage Containment Area and Sump													
A. Flow through sump weep holes	<u>NORMAL</u>	HIGH			D. Check liquid level in sump	<u>LOW</u>	HIGH	OTHER					
B. Are sump pumps operating	YES		<u>NO</u>		E. Is there any leak in the storage tanks and manifold discharge piping	YES	<u>NO</u>						
C. Alarm indicator Lights	YES		<u>NO</u>		F. Check if a pump is out of service	Pump 1	Pump 2						
Pumps	Elapsed Time Meter				High Temp.		Seal Fail		Fault				
P-1	<u>2440.7</u>												
P-2	<u>3499.3</u>												
8. Carbon Adsorption System													
A. Air Compressors ON	YES	<u>NO</u>			BLOWER No. 1 (ETM)	<u>81542.4</u>							
B. Activated carbon canisters operating (On Line)	<u>YES</u>	NO			BLOWER No. 2 (ETM)								
9. Contract HP-877 Force Main Discharge to POTW													
A. Leakage from pipe-work in valve box beside Lift Station No. 1	YES	<u>NO</u>											
B. Settlement along alignment of force main to Burr Avenue manhole	YES	<u>NO</u>											
10. MOTOR CONTROL CENTER (MCC)													
A. Are all breakers, for the following equipment, in the ON position:													
Lift Station No. 1	<u>YES</u>	NO											
Lift Station No. 2	<u>YES</u>	NO											
Decontamination Sump	<u>YES</u>	NO											
Storage Containment Sump	<u>YES</u>	NO											
Site Lighting	<u>YES</u>	NO											

Note: For noted deficiencies and problems provide description on form DP-1. Attach 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: 12/30/11

INSPECTED BY: [Signature]

1. Down-gradient Collection Sumps															
	D-1				D-8				D-10						
	Pump 1		Pump 2		Pump 1		Pump 2		Pump 1		Pump 2				
A. Circuit Breakers	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	<u>ON</u>	OFF	OFF		
B. Running Light On	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	YES	<u>NO</u>	<u>NO</u>		
C. Selector Switch Position	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	HAND	OFF	<u>AUTO</u>	<u>AUTO</u>		
D. Liquid Level in Sump	HIGH		<u>LOW</u>		HIGH		<u>LOW</u>		HIGH		<u>LOW</u>				
E. Leak in Manifold Piping	YES		<u>NO</u>		YES		<u>NO</u>		YES		<u>NO</u>				
F. Elapsed Time Meter	2428.1		21997.2		64205.6		38576.3		998275		59633.5				
2. Down-gradient and Curtain Drain															
A. Is there settlement along alignment of down-gradient curtain drain												YES	<u>NO</u>		
3. D-1 Force Main Totalizer <u>572180</u> x 100 = <u>57218</u> D-1 Force Main Pressure															
4. Decon. Pumps (ETM)															
P-1				<u>62271.8</u>				P-2				<u>22798.9</u>			
5. Lift Station No. 1															
A. Flow from Curtain Drain	LOW		<u>NORMAL</u>		HIGH		D. Check liquid level in sump		<u>LOW</u>		HIGH		OTHER		
B. Are Sump Pumps Operating	YES		<u>NO</u>		E. Check for leak in manifold leachate piping		<u>Checked</u>		<u>No Leak</u>		Leak				
C. Alarm indicator Lights	YES		<u>NO</u>												
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault							
P-1		<u>12620.7</u>													
P-2		<u>5858.5</u>													
6. Lift Station No. 2															
A. Settlement along buried section of force main				YES		<u>NO</u>		E. Check liquid level around stop planks. Is the level,				<u>LOW</u>		HIGH	OTHER
B. Are sump pumps operating?				YES		<u>NO</u>		F. Check surface water in the Bay and Rip-Rap. Are there any signs of leachate?				YES		<u>NO</u>	
C. Are the alarms or indicator lights on?				YES		<u>NO</u>		G. Check if a pump is out of service				Pump 1		Pump 2	
D. Any leaks in the manifold discharge piping				YES		<u>NO</u>									
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault							
P-1		<u>113.9</u>													
P-2		<u>2514.5</u>													
7. Leachate Storage Containment Area and Sump															
A. Flow through sump weep holes		<u>NORMAL</u>		HIGH		D. Check liquid level in sump		<u>LOW</u>		HIGH		OTHER			
B. Are sump pumps operating		YES		<u>NO</u>		E. Is there any leak in the storage tanks and manifold discharge piping		YES		<u>NO</u>					
C. Alarm indicator Lights		YES		<u>NO</u>		F. Check if a pump is out of service		Pump 1		Pump 2					
Pumps		Elapsed Time Meter		High Temp.		Seal Fail		Fault							
P-1		<u>2440.8</u>													
P-2		<u>3499.3</u>													
8. Carbon Adsorption System															
A. Air Compressors ON				YES		<u>NO</u>		BLOWER No. 1 (ETM)		<u>51542.4</u>					
B. Activated carbon canisters operating (On Line)				YES		<u>NO</u>		BLOWER No. 2 (ETM)							
9. Contract HP-877 Force Main Discharge to POTW															
A. Leakage from pipe-work in valve box beside Lift Station No. 1				YES		<u>NO</u>									
B. Settlement along alignment of force main to Burr Avenue manhole				YES		<u>NO</u>									
10. MOTOR CONTROL CENTER (MCC)															
A. Are all breakers, for the following equipment, in the ON position:															
Lift Station No. 1		<u>YES</u>		NO											
Lift Station No. 2		<u>YES</u>		NO											
Decontamination Sump		<u>YES</u>		NO											
Storage Containment Sump		<u>YES</u>		NO											
Site Lighting		<u>YES</u>		NO											

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

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

DECEMBER 2011

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	OK	OK	OK	OK	OK	OK	OK	OK	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	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

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	OK	-	OK	OK	OK	OK	OK		-
2	Silt Accumulation	OK	OK	OK	-	OK	OK	OK	OK	OK		-
3	Settlement	OK	OK	OK	-	OK	OK	OK	OK	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		-
6	Flow into manhole or sump	OK	OK	OK	-	OK	OK	OK	OK	OK		

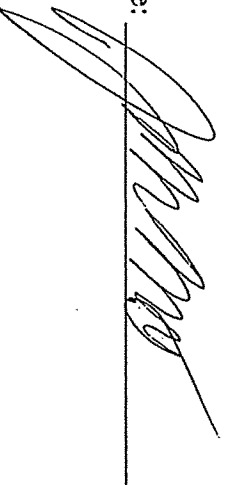
Notes:

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

DATE: 12/12/11

Tech: John Matthews

Signature: _____



FORM GWL-3
QUARTERLY INSPECTION CHECKLIST
MONITORING WELL
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 12/15/2012

INITIALS: JM

Check For	Sampling Well Designation											
	MW 104	MW 106	MW 109	MW 110	MW 113	MW 114	MW 115	MW 115B	MW 118	MW 119		
1. Damage/Vandalism	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
2. Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3. Accessibility	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		

Check For	Sampling Well Designation											
	MW 120	MW 120B	MW 121	MW 122	MW 126	MW 117	MW 117B	MW 124	MW 124B			
1. Damage/Vandalism	OK	OK	OK	OK	OK	OK	OK	OK	OK			
2. Settlement	OK	OK	OK	OK	OK	OK	OK	OK	OK			
3. Accessibility	OK	OK	OK	OK	OK	OK	OK	OK	OK			

Check For	PZ-A	PZ-B	PZ-C	PZ-D	PZ-F
1. Damage/Vandalism	OK	OK	OK	OK	OK
2. Settlement	OK	OK	OK	OK	OK
3. Accessibility	OK	OK	OK	OK	OK

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