Pelham Bay Landfill
Post Closure Operation, Maintenance and Monitoring Program
Annual Site Management Report
NYSDEC ID Number: 203001
Bronx County
New York City Department of Environmental Protection

March 2009 through December 2009

Prepared by:
Severn Trent Environmental Services
100 Morris Ave
Glen Cove, New York 11542
March 2010

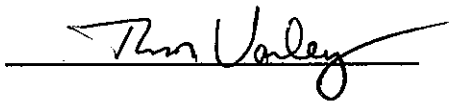
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ANNUAL SITE MANAGEMENT REPORT SUBMITTAL

Name of Facility:	**Pelham Bay Landfill** **301 Shore Rd** **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:	**Severn Trent Environmental Services** **100 Morris Ave, Unit 3** **Glen Cove, NY 11542** **Tel: (516) 674-6032**

Management Approval:

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

Signature: 

Name: Thomas Varley

Title: Regional General Manager
Severn Trent Environmental Services

PROFESSIONAL ENGINEER CERTIFICATION

Based on the information and conclusions reached in this report, for each institutional or engineering control identified for the site, I certify that all of the following statements are true:

(a) The institutional and / or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by DER;

(b) Nothing has occurred that would impair the ability of such control to protect public health and the environment; except as noted below.

The subject Site Management Report identifies several maintenance issues for the Landfill Gas (LFG) Collection and Flaring System, (see Corrective Measures Work Plan for LFG System maintenance submitted under separate cover). During the 2009 reporting period, the LFG collection and flaring system was meeting the overall remedial objective of preventing off-site migration (i.e., horizontal and vertical) of landfill gas. However, the continued ability to maintain control needs to be verified by increased monitoring of the perimeter gas wells, until the Corrective Measures (i.e. replacement of four gas extraction wells)is completed.

(c) The operation, maintenance and monitoring performed by STES during this reporting period is consistent with the requirements and guidelines of the site management plan

(d) Access to site will continue to be provided to the DER to evaluate the remedy, including access to evaluate the continued maintenance of this control.

I certify that I am familiar with the systems associated with the Pelham Bay Landfill and I have reviewed this annual report for content and accuracy. Based on the available data and information presented to me, I certify that all the information and statements in this certification form are true.

Barbara L. Stanton, P.E.
Name

Barbara L Stanton
Signature

Date: Registration No: 071093 State: New York

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I. INTRODUCTION

The Pelham Bay Landfill (PBL)is an inactive 91-acre municipal waste landfill located in the Bronx, New York (see figure 1). 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 feet with steep slopes that rise to a nearly flat top. According to records, typical wastes received at the site included: residential wastes, rubbish, street dirt, and construction waste and demolition debris. The facility is currently operated and maintained by Severn Trent Environmental Services ("STES"). STES is required to perform routine inspections of the leachate and gas collection systems, inspection of the stormwater system and landfill cover, periodically sample and test groundwater, leachate, stormwater and gas condensate from various locations within the landfill. This report summarizes the site activities and the results from the monitoring performed from March 2009 through December 2009, which is the period of time starting from the end of the previous reporting period to the end of the calendar year as predicated by the new Site Management Plan. The draft Site Management Plan was approved in March 2009 and was finalized in September 2009. The end of the calendar year coincides with the end of the current O&M contract. A new O&M contractor will be onsite as of January 1, 2010.

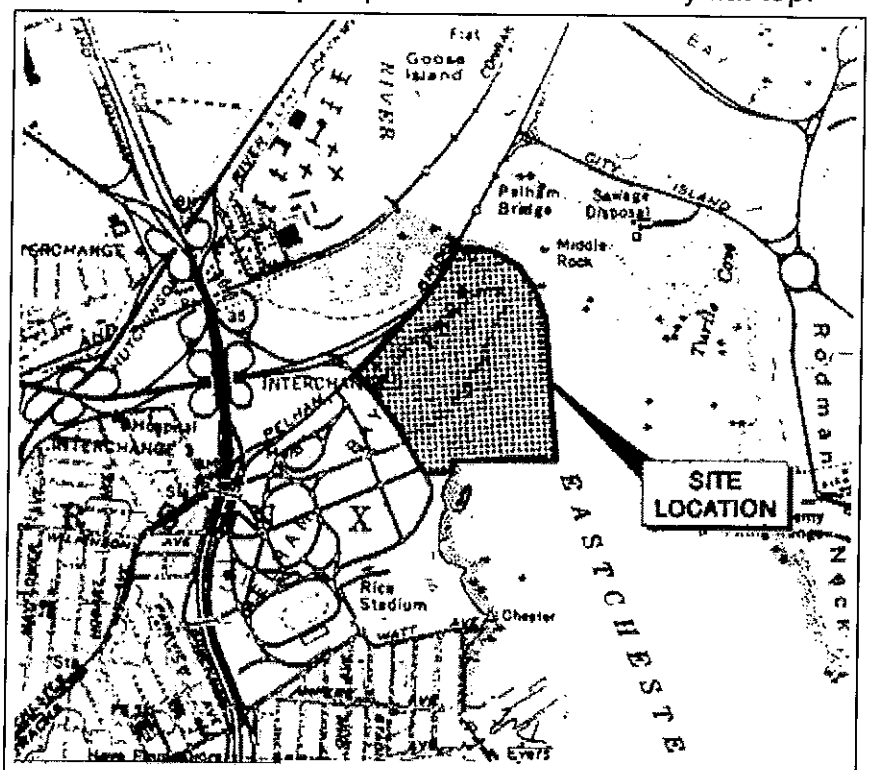


Figure 1: Site Location Map, Pelham Bay Landfill (adopted from the April 1993 Remedial Investigation Report written by Woodward-Clyde Consultants, Inc.).

MAP SOURCE: FLUSHING, N.Y. USGS QUADRANGLE MAP, 1979. 0 1000 2000 FT

II. SUMMARY OF ENGINEERING CONTROL (EC) SYSTEMS

Provided below is an overview of the engineering controls and a performance summary for each component.

a. Groundwater/Leachate Collection System

Description - Leachate

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 on the southwest corner of the landfill. The slurry wall is designed to intercept landfill leachate flow and prevent it from migrating offsite. 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 Hunt's Point Water Pollution Control Plant (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.

During heavy rains which may result in a combined sewer overflow (CSO) event, the leachate can be stored in the on-site storage tanks. There are 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.

Performance - Leachate

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 STES 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 the 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. On November 1 through November 16, 2009 the Hunts Point WPCP lost electronic monitoring of the CSO system and as such, DEP directed an emergency shutdown of the leachate collection system at the landfill. With this exception, the groundwater/leachate system operated continuously during this reporting period.

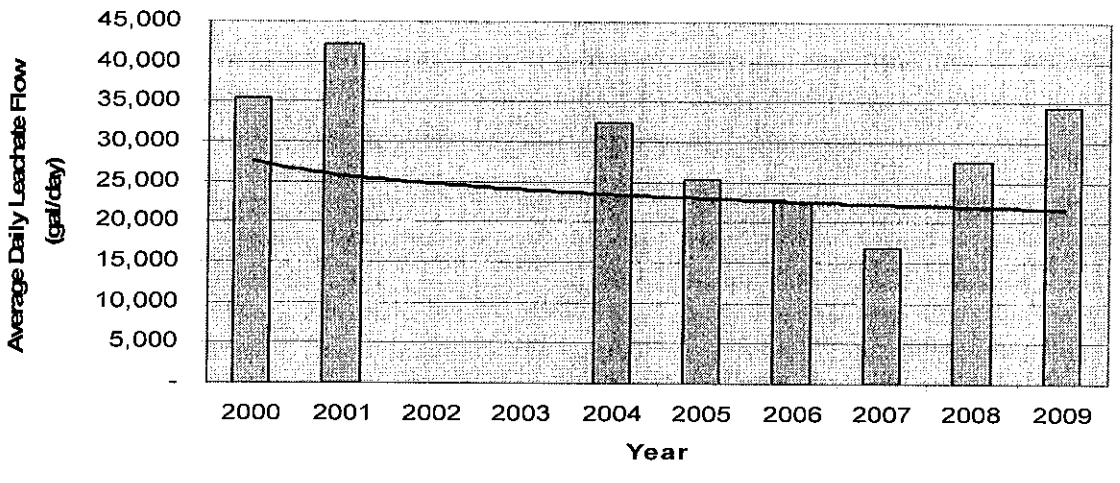
Table 1, Total Landfill Leachate Flows, provides a summary of the total estimated leachate pumped; monthly average daily flows, monthly daily average minimum and maximum flows and percent run time from station D-1 pumps to the force main. The leachate collection system operated continuously during this reporting period. The percent run times indicate the amount of time during each month that the D-1 pumps were activated and running. The daily leachate flow readings can be found in Appendix A of this report.

Table 1
Total Landfill Leachate Flows

Date	Gallons Pumped	Gallons Trucked	Total Gal Generated	Average Daily Gallons	Daily Monthly Min	Daily Monthly Max	Monthly Percent Run Times
Mar-09	1,135,933	0	1,135,933	36,643	25,450	76,300	41
Apr-09	1,461,715	0	1,461,715	48,724	30,500	94,700	52
May-09	1,870,900	0	1,870,900	60,352	37,600	94,100	54
Jun-09	1,859,800	0	1,859,800	61,993	39,100	93,900	53
Jul-09	1,267,500	0	1,267,500	40,887	21,400	62,300	37
Aug-09	535,000	0	535,000	17,258	3,900	69,700	13
Sep-09	182,900	0	182,900	6,097	2,500	15,500	7
Oct-09	310,400	0	310,400	10,013	4,000	31,200	9
Nov-09	273,500	0	273,500	9,117	0	70,300	9
Dec-09	996,040	0	996,040	32,130	5,000	68,000	31
Total			9,893,688				

There is a downward trend in the daily average landfill leachate flows since the landfill was capped; however, it was evident that the trend was increasing from early spring 2009 through July 2009. The check valves on the D-1 pumps had failed and were repaired August 2009. After which, the pumped leachate flows decreased. Figure 2, Yearly Daily Average Leachate Flow, developed from available historical flow data, displays a graphical representation of the trend.

Figure 2
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

A collection trench on the offsite park side of the southwest corner slurry wall collects any groundwater flow and prevents it from entering the landfill site. The groundwater collection trench is diverted to a stormwater outfall. Groundwater elevations obtained from on-site and off site groundwater monitoring wells and piezometers are used to monitor this system.

Performance - Groundwater

The groundwater elevation measurements obtained by STES personnel were recorded at both low tide and high tide. A summary of the groundwater elevation measurements is provided inTable 5C. A review of the data during this monitoring period indicates that the collection trench is working as designed.

b. Landfill Gas System

Description

Landfill gas generated within the landfill is collected through twenty two (22) gas extraction wells, a gas venting layer at the surface of the landfill and a perimeter

gas collection pipe around the base of the landfill. Extracted gas is conveyed via polyethylene piping to blowers and an enclosed flare system.

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

Performance

The landfill gas flare is designed to run continuously. As reported in the March 2008 through February 2009 Annual Report, STES cited certain difficulties operating the flare continuously (i.e., 24 hours per day 7 days a week), stating the primary reason was low percent methane in the flare influent. Based on these observations, STES suggested the DEP give consideration to a pulsed (i.e., non-continuous) flare operation. As a follow-up to this suggestion, the DEP requested ARCADIS review the Landfill Gas and Flare System data. Based on an initial review of the available data for the Landfill Gas and Flare System, ARCADIS determined that:

- Air/O2 infiltration into the landfill had occurred along the landfill perimeter, and was continuing to occur.
- Landfill gas temperatures exceed expected levels and exceeded allowable limits (as stated in the PBL OMM Manual). This was subsequently attributed to tidal influences on the landfill as was documented in the Remedial Investigation Report.
- The percentage of methane gas measured during routine monitoring in the gas extraction wells and flare influent were consistently below minimum percentage required by the PBL OMM Manual.

Collectively, these data indicate that the LFG System was "overdrawing" (i.e., the flow of LFG into and through the LFG System is not balanced). Furthermore, the data indicate that the overdraw/air infiltration situation discussed above has caused a conversion/partial conversion of the biological decomposition process from an anaerobic state to an aerobic state within the waste at the PBL. Based on

these findings, ARCADIS recommended shutting down the LFG flare and gas collection system for evaluation/maintenance purposes. At that time, the NYSDEC was notified that the Landfill Gas System would be temporarily shut down to allow system evaluation/troubleshooting/maintenance to proceed in accordance with the OMM Manual (i.e., including opening the passive vents, allowing the landfill to revert back to an anaerobic state, conducting a detailed evaluation, conducting necessary maintenance, and rebalancing the landfill gas system).

Maintenance was completed following the shutdown of the LFG collection and flaring system. During this period, ARCADIS worked with STES to troubleshoot the system, identify air infiltration sources, and to implement corrective actions and maintenance to address system leaks.

The results of the maintenance inspections and corrective actions taken during the shutdown period are briefly summarized below:

- Leaks were identified at several gas extraction well heads, meter/hoses, and Passive Vents PV-3 and PV-4. The above ground hoses were replaced at each well head and the leaks were sealed. Additionally, Passive Vent PV-4 was determined to be damaged and was temporarily repaired.

- Passive Vent PV-1 was checked for leaking, but no leak was detected. However, a leak in the general vicinity of PV-1 is suspected, because LFG monitoring data collected from PV-1 and the closest LFG extraction Well EW-6 were some of the first interior monitoring locations to have O_2 detected. This area was identified for future evaluation.

- A liner boot (seal) around one gas extraction well was found to be damaged and was repaired.

- Extraction well heads/valves were determined to be beginning to fail (due to age) and were identified for future replacement. The currently-installed valves used to control flow are ball valves. It has been determined over time that valves used to control LFG flow should be either gate valves or butterfly valves.

- Based on total measured depth, a total of 9 deep gas extraction wells were expected to be blocked or damaged. Video logging was completed on December 3, 2008 and March 3, 2009. Based on the video logs, it appeared that the 9 damaged well casings/screens are deformed (i.e., collapsed or buckled), likely due to settlement and elevated LFG temperatures. ARCADIS recommended that, at a minimum, four of these wells be replaced.

During the maintenance period, the monitoring frequency for both the LFG extraction wells and the perimeter LFG monitoring wells was increased. The

objective of the increased monitoring was to evaluate progress made by the repair of identified leaks, conversion of the landfill back to an anaerobic state, and to document the fact that no violations of the maximum LFG limits occurred at the perimeter LFG monitoring locations (i.e., there was no off-site migration of LFG).

After the maintenance shutdown period the LFG System was restarted and balanced. Initially the LFG Flare was operated continuously basis due to a rebound in the methane concentrations. However the methane concentration at the flare inlet steadily decreased to levels below what is needed to maintain the continuous system operation. This pattern continued through the 2009 reporting period. The mechanical components of the flare were functioning and did not have an impact on the overall flare performance. The safety shutdown interlocks associated with the landfill gas flare were functional. The flare operation was intermittent depending on the quantity of methane gas available. When automatic shutdowns occurred, STES site personnel would attempt to restart the flare. If the flare would not re-start, gas monitoring data was obtained. The flare would remain off line until the methane concentrations had rebounded to a level to sustain combustion. A summary of the landfill gas flows and percent run time for the period of March 2009 through December 2009 are provided in Table 2, Total Landfill Gas Flows. More detail of the landfill gas flow can be found in Appendix B of this report.

Table 2

Total Landfill Gas Flows

Date	Avg Daily Flow (CFM)	Daily Avg Minimum (CFM)	Daily Avg Maximum (CFM)	Monthly Percent Run Times	Total Gas Flow (CFM)
March-09	291,945	0	856,300	19	9,050,300
April-09	229,426	0	697,600	13	6,882,767
May-09	165,116	0	1,000,000	11	5,118,600
June-09	1,372,427	0	2,336,967	70	41,172,800
July-09	935,308	0	2,017,700	57	28,994,533
August-09	1,114,254	0	1,935,400	63	34,541,867
September-09	281,823	0	1,849,100	16	8,454,700
October-09	599,097	0	1,969,800	20	18,572,000
November-09	687,917	0	1,962,700	43	20,637,500
December-09	615,911	0	2,222,500	27	19,093,240
Total Estimated Cumulative Gas Flow					192,518,307

Due to the intermittent operation of the LFG system, STES increased the monitoring frequency of the perimeter LFG monitoring wells to determine if there was any off-site migration of LFG. Monitoring data recorded from the perimeters wells were below the LFG action levels. However, we did see some slight increases in CO_2 and methane readings when the flare system was off for an extended period indicating the need to keep the LFG flare operational.

The NYCDEP requested an independent review of the LFG data and recommendations presented by ARCADIS (i.e., a second engineering opinion) to determine if the replacement of four LFG extraction wells was warranted, or if the decreased methane production was a result of the age of the PBL and an associated decrease in methane generation rates.

An independent review was conducted by URS. URS prepared a brief report of their findings and a meeting was scheduled and held between NYCDEP, ARCADIS, and URS to discuss the findings. The outcome from the meeting, between the three parties, was that, at a minimum, the four landfill gas extraction wells should be replaced. At the request of the DEP, ARCADIS prepared specifications for the drilling and installation/replacement of four landfill gas extraction wells and solicited bids from several drilling subcontractors. At this time NYCDEP was in the process of bidding and issuing a new OMM contract for the Site, and included the budget for well replacement as part of the OMM Contract. In anticipation of replacing the wells during the first half of 2010, the DEP requested that ARCADIS prepare a Corrective Measures Work Plan for the well replacement (i.e., maintenance) task. The referenced Work Plan will be submitted to NYSDEC under separate cover.

c. Stormwater Management System

Description

Stormwater runoff from the landfill surface is diverted through a series of swales, baffled outlets and drainage pipes 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 pipes. Effluent from the third sedimentation pond flows by gravity to an outfall located on the northeast side of the landfill.

Performance

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

d. Landfill Cover & Auxiliary Systems

Description – Landfill Cover

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 which attract various wildlife.

Performance

During this reporting period there have been only minor activities which resulted in a disturbance to the cover system. Several vector penetration burrows were investigated and filled; none of these burrows reached the geo-composite liner and should be considered minor.

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 STES pickup trucks and security personnel cars.

Performance

The roads have developed ruts in various sections. STES personnel periodically fill the ruts and holes with crushed stone. Posts with reflectors are located along the curves in the roadways.

III. ENVIRONMENTAL MONITORING/ INSTITUTIONAL CONTROLS

a. Groundwater/Leachate Monitoring

During this reporting period, Severn Trent performed the required monitoring of 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 the leachate. Copies of GWL inspection forms for the reporting period are included in Appendix C of this report. Semi-annual sampling of the groundwater wells and leachate was also performed. The analytical results are in Appendix D, and the electronic laboratory deliverables are provided in Appendix J of this report.

Groundwater

There are 15 groundwater monitoring wells located in the landfill, four monitoring wells located off-site and six piezometers. Ten of the groundwater monitoring wells are sampled semi-annually and analyzed for parameters designated as Schedule A, as summarized on Table 5A, List of Schedule A Parameters. Schedule A analysis includes Volatile Organics, Semi Volatile Organics, Pesticides, and Inorganic parameters. Groundwater monitoring well sampling was performed in April and October 2009.

The results from the groundwater monitoring are attached in Table 5B, Groundwater Monitoring Results. A site map of the monitoring well locations is provided in Figure 3. Table 5B provides a comparison of the analytical results with the NYSDEC Ambient Water Quality Standards and Guidance Values. Concentrations detected over the standards are in bold.

A review of the analytical results, since the implementation of tidal coordinated sampling in May 2006, indicate only a few parameters detected over the NYSDEC Ambient Water Quality standards. Only one well, MW-122 had VOC parameters detected above the ambient water quality standards for benzene and Chlorobenzene, 7 ug/l and 23 ug/l respectively. Both of these parameters have remained largely unchanged since August 2002. Analytical results recorded this reporting period do not indicate any changes needed to the current groundwater monitoring plan.

Leachate

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. The results from the leachate monitoring are attached in Table 6, Leachate A Monitoring Results, and Table 7, Leachate B Monitoring Results. Analytical results recorded this reporting period do not indicate any changes needed to the current leachate monitoring plan. The analytical results are in Appendix E and the electronic laboratory deliverable is Appendix J of this report.

b. Landfill Gas Monitoring

During this reporting period, Severn Trent 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 monitoring of the four gas extraction well and ten surface gas points. Copies of these inspection forms for the reporting period are included in Appendix F of this report.

The monitoring of the gas extraction wells and perimeter gas wells was performed using a Landtec GEM-500 landfill gas meter. An FID meter was used to record surface gas readings. During this reporting period the monitoring frequency of the gas extraction wells and the perimeter gas monitoring wells was increased to document the fact that no violations of the maximum LFG limits occurred at the perimeter LFG monitoring locations (i.e., there was no off-site migration of LFG). As mentioned in the discussions on LFG system performance, monitoring data recorded from the perimeters wells were below the maximum LFG action levels. However, we did see some slight increases in CO_2 and methane readings when the flare system was off for an extended period. STES recommends increase monitoring of the perimeter gas wells during periods when the LFG Flare is shut down.

A summary of the data for this reporting period is provided in Table 3, Gas Extraction Well Readings, Table 4A, Gas Monitoring Well Readings, and Table 4B, Surface Gas Readings. The methane concentrations in both the Gas Monitoring Wells and Surface Gas Readings were recorded as either non-detect or below action levels indicating the LFG collection and flaring system is meeting the overall objective of preventing off-site migration (i.e., horizontal and vertical) of landfill gas.

c. Stormwater Monitoring

During this reporting period, Severn Trent performed the required monitoring of the Stormwater management systems. This included three monthly inspections SMS.-1, SMS-2 and SMS-3; and semi annual sampling of the Stormwater discharge from the landfill. Copies of the inspection forms are included in Appendix G. Stormwater discharge from the sedimentation pond is sampled semi-annually and analyzed for Schedule A parameters. A summary of the results from the stormwater monitoring are attached in Table 8. The analytical stormwater data is included in Appendix H and the electronic laboratory deliverable is provided in Appendix J of this report. Analytical results recorded this reporting period do not indicate any changes needed to the current stormwater monitoring plan

d. Landfill Cover & Auxiliary Systems

During this reporting period, Severn Trent 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.

STES 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, underlying 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 observation 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.

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 at a time. This enables the wildlife on the site to relocate from the mowed area to other areas of the landfill. However, as a result, the vegetation can reach over several feet high in some areas especially during the growing season. A thorough inspection of the landfill cover system is hampered by the dense vegetation. During October and November 2009, 41 acres of the land fill was mowed. An inspection of the mowed areas did not uncover any major deficiencies.

Data collected during this reporting period does not indicate any changes needed to the current monitoring plan for the landfill cover and auxiliary systems.

e. Gas Condensate Monitoring

Gas condensate is generated at the landfill gas flare during the gas extraction process. The condensate flows by gravity via an 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 stated in the Site Management Plan, Appendix K, Section 5, Subsection 5.4.2. Gas condensate samples are obtained at the pipe connection in the D-2 manhole. Historically very small volumes of condensate have been generated which has hindered sample collection. During this monitoring period a gas condensate sample was not collected.

f. Deed Restriction

Currently DEP is working with the NYC Department of Parks and Recreation, the official Owner of the Pelham Bay Landfill site to execute the "Deed Restriction"

g. Perimeter Fence

Security fences are located around the perimeter of the landfill, the MCC panel area, storage tank farm, and the gas extraction wells. All security fences are in good condition with the exception of the perimeter fence. Unauthorized personnel routinely cut access holes through the fence primarily to gain fishing access to the eastern bulkhead on Eastchester Bay. This is an ongoing issue and repairs to the fence are only short term. On several occasions the police department has issued summons to deter this activity.

h. Other Site 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. The improvements include installation of fire hydrants, a fire alarm panel and modification to the fence enclosure. The modification to the fence enclosure has been completed and the fire hydrant and fire alarm panel changes are planned for the upcoming year.

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.

Preventative Maintenance

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

a. Non-Routine Tasks

Landfill Mowing

A total of 41 acres of the landfill cover was mowed during the months of October and November 2009. DEP personnel were on-site to direct and monitor the mowing operation.

Misc. Maintenance Repairs

Throughout the monitoring period, STES personnel repaired holes in the perimeter fence and filled in holes dug under the fence made by trespassers in order to gain access to the waterfront bulkhead. In December 2009 all of the roads were graded, with potholes filled and tamped. Approximately 800 tons of road material was used in the process.

Landfill Gas System Repairs

STES personnel replaced the flare ignition transformer and ignition assembly in May 2009, and replaced the AMP/CFM safety relays in the flare blower panel in December 2009. Repairs to, or replacement of, the gas extraction wells will be discussed in a Corrective Measure Work Plan submitted by the DEP and completed under a separate contract.

Misc. Pump and Lift Station Repairs

In August 2009, STES personnel replaced the check valves on the D-1 pumps.

V. SUMMARY

STES 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, the evidence leads to the following conclusions:

- Groundwater level measurements on either side of the slurry wall demonstrate a hydraulic gradient towards the landfill suggesting leachate intercepted by the collection trench is contained within the landfill. All leachate collected has been successfully pumped to the NYC sewer system for treatment at the Hunts Point WPCP. We believe the slurry wall is effective at diverting groundwater from the adjacent Pelham Park from entering the landfill.

- Although there are several issues identified for the LFG collection and flaring system requiring maintenance/repair, during the 2009 reporting period, the LFG collection and flaring system was meeting the overall remedial objective of preventing off-site migration (i.e., horizontal and vertical)of landfill gas.

- Based on the results from the landfill perimeter gas monitoring wells there is evidence that during periods of intermittent gas flare operation the carbon dioxide and methane levels become detectable. The NYCDEP will submit Corrective Measure Work Plan prepared by ARCADIS to address the landfill gas issues and well replacement (i.e., maintenance) task. STES recommends increased frequency of landfill gas monitoring until the corrective measures are completed.

- 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. 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.

- With the exception of the recommendation for increased LFG monitoring, STES does not recommend revisions to the current monitoring plan.

Figure 3

Groundwater Monitoring Well Sampling Points Locations

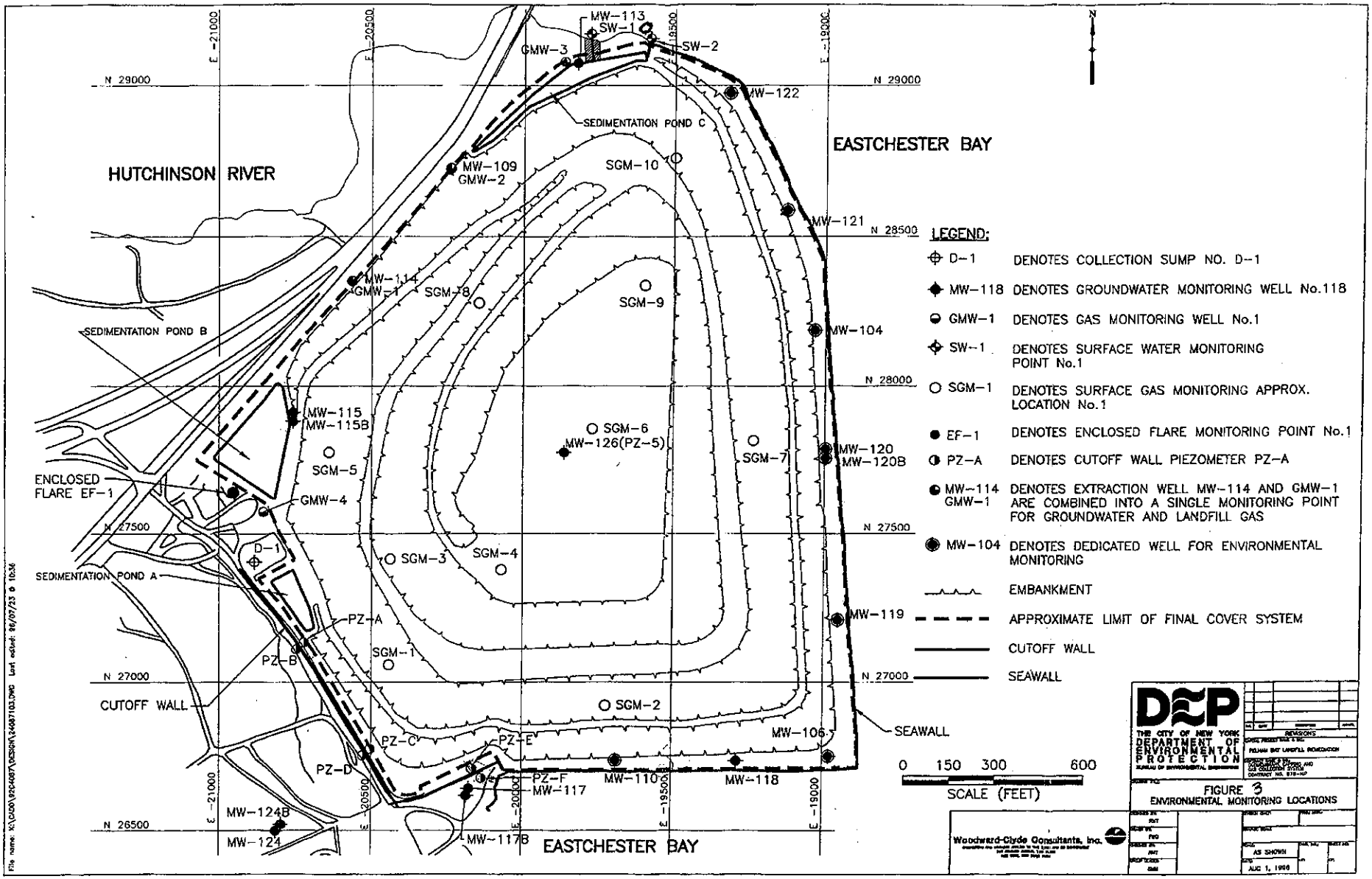

HUTCHINSON RIVER
EASTCHESTER BAY
EASTCHESTER BAY
SEDIMENTATION POND A
SEDIMENTATION POND B
SEDIMENTATION POND C
ENCLOSED FLARE EF-1
CUTOFF WALL
SEAWALL
MW-113
SW-1
SW-2
GMW-3
MW-122
MW-109
GMW-2
SGM-10
MW-121
MW-114
GMW-1
SGM-8
SGM-9
MW-104
MW-115
MW-115B
SGM-5
SGM-6
MW-126(PZ-5)
SGM-7
MW-120
MW-120B
GMW-4
D-1
SGM-3
SGM-4
PZ-A
SGM-1
PZ-B
MW-119
SGM-2
PZ-C
PZ-E
PZ-D
PZ-F
MW-117
MW-110
MW-118
MW-106
MW-124B
MW-124
MW-117B
N 29000
N 28500
N 28000
N 27500
N 27000
N 26500
E -21000
E -20500
E -20000
E -19500
E -19000
N
0 150 300 600
SCALE (FEET)
LEGEND:
D-1 DENOTES COLLECTION SUMP NO. D-1
MW-118 DENOTES GROUNDWATER MONITORING WELL No.118
GMW-1 DENOTES GAS MONITORING WELL No.1
SW-1 DENOTES SURFACE WATER MONITORING POINT No.1
SGM-1 DENOTES SURFACE GAS MONITORING APPROX. LOCATION No.1
EF-1 DENOTES ENCLOSED FLARE MONITORING POINT No.1
PZ-A DENOTES CUTOFF WALL PIEZOMETER PZ-A
MW-114 GMW-1 DENOTES EXTRACTION WELL MW-114 AND GMW-1 ARE COMBINED INTO A SINGLE MONITORING POINT FOR GROUNDWATER AND LANDFILL GAS
MW-104 DENOTES DEDICATED WELL FOR ENVIRONMENTAL MONITORING
EMBANKMENT
APPROXIMATE LIMIT OF FINAL COVER SYSTEM
CUTOFF WALL
SEAWALL
DEP
THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL ENGINEERING
REVISIONS
FIGURE 3
ENVIRONMENTAL MONITORING LOCATIONS
Woodward-Clyde Consultants, Inc.
AS SHOWN
AUG 1, 1996
File name: K:\CAD\9204087\DESIGN\12408710J.DWG Last edited: 96/07/23 @ 10:36

Table 3

Gas Extraction Well Readings

Table 3
Gas Extraction Well Summary
Pelham Bay Landfill
Annual Report March 2009 through December 2009
Contract 1140-PEL

Date	03/06/09	03/11/09	03/17/09	03/31/09	04/10/09	04/24/09	04/30/09	05/20/09	06/30/09	07/22/09	08/10/09	09/02/09	11/03/09	11/19/09	12/28/09
Well Head No. 18															
CH_4 %	22.1%	31.7%	32.4%	32.4%	32.2%	36.6%	35.4%	41.5%	16.1%	21.4%	19.3%	18.9%	28.1%	25.8%	36.9%
CO_2 %	21.5%	23.0%	24.3%	20.7%	20.4%	19.6%	19.5%	19.0%	18.3%	19.1%	18.4%	18.0%	19.6%	18.8%	24.1%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%
Well Head No. 19															
CH_4 %	15.8%	21.5%	20.7%	23.8%	23.8%	27.2%	25.8%	32.2%	15.4%	16.9%	15.7%	10.2%	20.2%	19.8%	33.6%
CO_2 %	18.9%	19.6%	18.8%	18.2%	17.6%	17.2%	16.4%	6.1%	15.5%	16.7%	14.1%	17.1%	17.9%	16.8%	23.1%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.2%	0.2%	0.0%	0.2%	0.0%	0.0%	0.3%
Well Head No. 20															
CH_4 %	38.2%	40.1%	30.8%	41.7%	42.4%	44.8%	45.6%	49.1%	44.5%	39.8%	29.6%	27.8%	37.1%	40.1%	42.2%
CO_2 %	25.1%	25.6%	26.4%	26.1%	25.3%	24.3%	24.9%	24.4%	22.7%	22.7%	21.7%	22.1%	24.6%	23.6%	26.5%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Well Head No. 21															
CH_4 %	27.1%	36.4%	37.3%	7.9%	37.1%	32.7%	28.6%	23.8%	32.1%	9.7%	22.0%	1.0%	30.8%	32.5%	34.6%
CO_2 %	16.4%	19.4%	20.3%	5.7%	16.1%	13.5%	12.2%	7.9%	17.0%	4.4%	16.0%	6.0%	16.3%	16.9%	18.7%
O_2 %	0.0%	0.0%	0.0%	16.8%	3.0%	2.2%	7.4%	11.2%	0.6%	14.5%	1.1%	13.0%	0.0%	0.0%	0.0%
Well Head No. 22															
CH_4 %	23.1%	28.1%	37.6%	8.5%	33.9%	27.1%	36.1%	33.3%	17.0%	17.5%	8.9%	5.1%	20.4%	26.8%	26.5%
CO_2 %	15.3%	15.9%	14.6%	4.2%	15.2%	10.4%	14.9%	10.7%	6.4%	8.6%	3.8%	4.7%	12.1%	15.2%	15.5%
O_2 %	0.0%	0.4%	0.2%	15.8%	1.2%	0.8%	1.5%	5.4%	10.9%	7.6%	14.9%	13.0%	3.1%	0.0%	0.0%

Table 3
Gas Extraction Well Summary
Pelham Bay Landfill
Annual Report March 2009 through December 2009
Contract 1140-PEL

Date	03/06/09	03/11/09	03/17/09	03/31/09	04/10/09	04/24/09	04/30/09	05/20/09	06/30/09	07/22/09	08/10/09	09/02/09	11/03/09	11/19/09	12/28/09
Flare Inlet															
CH_4 %	37.8%	35.4%	34.7%	29.4%	32.1%	35.2%	36.7%	39.8%	29.3%	34.1%	24.2%	26.9%	32.2%	32.6%	42.6%
CO_2 %	23.9%	22.4%	23.6%	20.2%	20.6%	20.2%	20.2%	22.1%	20.5%	22.9%	20.4%	23.4%	22.5%	20.9%	25.3%
O_2 %	1.0%	1.0%	1.3%	1.9%	1.8%	1.5%	1.4%	1.1%	1.6%	1.2%	1.7%	0.8%	0.0%	0.0%	0.9%
Well Head No. 1															
CH_4 %	11.6%	13.8%	14.1%	17.6%	18.6%	22.1%	22.7%	24.4%	11.4%	11.3%	6.5%	7.9%	18.5%	18.5%	17.7%
CO_2 %	17.0%	16.2%	17.4%	15.3%	15.1%	14.3%	14.4%	12.2%	15.1%	13.9%	16.5%	16.5%	16.2%	16.3%	16.3%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Well Head No. 2															
CH_4 %	11.1%	12.1%	12.4%	13.3%	14.1%	16.6%	16.8%	20.4%	10.9%	10.0%	5.8%	6.0%	13.1%	13.9%	15.2%
CO_2 %	17.3%	16.5%	15.4%	15.9%	15.4%	15.3%	14.7%	12.6%	14.8%	13.9%	15.4%	15.3%	14.4%	14.2%	14.1%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Well Head No. 3															
CH_4 %	8.3%	13.1%	12.9%	8.6%	8.2%	9.6%	9.0%	15.1%	3.1%	7.3%	2.5%	3.3%	7.2%	4.6%	9.8%
CO_2 %	18.2%	19.3%	18.5%	17.4%	16.7%	17.2%	16.9%	15.8%	15.5%	15.4%	16.3%	16.4%	17.6%	16.8%	17.6%
O_2 %	0.0%	0.0%	0.0%	0.0%	1.1%	1.1%	1.0%	0.2%	1.7%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%
Well Head No. 4															
CH_4 %	66.1%	65.9%	66.6%	43.5%	64.0%	60.2%	67.1%	66.7%	63.1%	63.4%	63.5%	60.5%	64.7%	65.0%	61.9%
CO_2 %	29.7%	30.1%	29.1%	26.1%	29.8%	27.6%	29.8%	28.1%	29.8%	28.7%	29.5%	30.2%	31.5%	30.1%	33.3%
O_2 %	0.0%	0.0%	0.0%	0.3%	0.6%	0.2%	0.1%	0.4%	0.4%	0.4%	0.4%	0.2%	0.0%	0.0%	0.0%
Well Head No. 5															
CH_4 %	55.2%	54.5%	56.6%	52.4%	51.3%	57.6%	58.1%	58.2%	51.3%	52.6%	44.5%	43.4%	52.7%	50.7%	49.2%
CO_2 %	39.3%	37.7%	35.0%	37.3%	35.5%	38.1%	37.6%	38.3%	35.7%	36.0%	34.3%	33.9%	37.6%	34.6%	37.1%
O_2 %	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	0.5%	0.2%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%
Well Head No. 6															
CH_4 %	28.2%	27.7%	28.8%	29.3%	29.5%	32.1%	31.5%	35.4%	32.7%	36.2%	23.8%	22.1%	26.5%	28.4%	39.7%
CO_2 %	17.0%	16.3%	17.1%	16.8%	16.2%	14.7%	15.5%	16.9%	13.2%	20.4%	14.0%	16.8%	16.1%	15.4%	23.1%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.3%	0.0%	0.3%	0.0%	0.0%	0.0%
Well Head No. 7															
CH_4 %	54.1%	60.5%	61.2%	56.9%	56.6%	55.1%	35.5%	56.1%	38.2%	46.9%	41.6%	25.3%	59.1%	41.5%	60.1%
CO_2 %	39.9%	39.5%	37.4%	38.7%	38.7%	36.4%	24.1%	35.5%	24.0%	28.9%	25.9%	15.7%	40.0%	28.7%	39.7%
O_2 %	0.0%	0.0%	0.0%	0.8%	0.7%	0.0%	0.4%	1.1%	6.7%	3.8%	5.6%	11.6%	0.0%	3.8%	0.0%
Well Head No. 8															
CH_4 %	52.3%	52.6%	51.4%	50.1%	57.3%	57.2%	53.6%	59.3%	31.2%	51.6%	44.7%	44.1%	49.2%	48.2%	43.7%
CO_2 %	25.5%	25.7%	26.5%	25.4%	25.6%	25.0%	25.9%	25.2%	24.1%	23.5%	23.2%	23.2%	24.7%	23.8%	23.1%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.2%	0.0%	0.4%	0.0%	0.0%	0.0%	2.2%
Well Head No. 9															
CH_4 %	46.2%	46.4%	47.9%	46.7%	47.2%	48.4%	48.1%	50.4%	45.4%	45.9%	39.7%	37.5%	39.5%	39.2%	37.9%
CO_2 %	23.6%	24.0%	23.8%	24.2%	23.6%	23.0%	23.1%	22.3%	21.0%	21.2%	20.8%	20.8%	22.3%	21.4%	22.4%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%
Well Head No. 10															
CH_4 %	10.7%	18.4%	17.8%	16.8%	15.8%	19.7%	18.2%	24.8%	12.7%	15.7%	8.8%	7.9%	15.2%	13.6%	24.7%
CO_2 %	18.7%	19.9%	22.6%	19.3%	18.1%	17.8%	17.4%	17.1%	15.6%	15.9%	15.9%	17.1%	16.5%	16.5%	21.5%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Well Head No. 11															
CH_4 %	16.3%	20.2%	21.6%	19.5%	21.6%	22.0%	25.0%	28.9%	15.0%	15.3%	9.2%	9.5%	7.8%	7.9%	6.0%
CO_2 %	16.2%	17.5%	16.3%	15.4%	15.6%	16.4%	15.3%	14.9%	14.1%	14.7%	15.0%	14.2%	11.6%	9.8%	12.8%
O_2 %	0.0%	0.0%	0.0%	1.8%	0.0%	0.0%	0.4%	1.0%	1.2%	0.9%	1.1%	1.0%	3.5%	5.4%	2.8%
Well Head No. 12															
CH_4 %	21.3%	24.1%	22.5%	25.7%	27.3%	28.1%	29.4%	32.2%	25.6%	23.5%	20.0%	19.2%	25.6%	25.5%	0.0%
CO_2 %	18.9%	19.2%	18.2%	18.3%	18.8%	18.1%	17.5%	16.4%	17.0%	16.6%	17.5%	17.5%	18.0%	17.4%	0.0%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.2%
Well Head No. 13															
CH_4 %	25.2%	27.1%	28.6%	29.5%	30.9%	32.7%	34.1%	38.2%	24.1%	23.8%	18.9%	19.3%	28.9%	27.7%	25.8%
CO_2 %	19.9%	20.0%	21.2%	19.3%	19.4%	20.1%	18.5%	17.7%	17.7%	17.4%	18.4%	18.6%	19.8%	18.6%	20.1%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
Well Head No. 14															
CH_4 %	15.9%	20.9%	19.6%	23.7%	22.3%	25.9%	24.8%	29.6%	14.8%	15.9%	11.2%	10.8%	19.1%	17.4%	28.0%
CO_2 %	17.5%	17.5%	17.2%	16.4%	15.6%	14.9%	14.6%	14.1%	14.6%	14.6%	13.7%	14.2%	16.5%	16.1%	19.3%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%
Well Head No. 15															
CH_4 %	53.3%	55.1%	53.5%	45.6%	56.2%	56.0%	57.5%	57.7%	55.4%	55.4%	49.8%	45.1%	51.6%	53.3%	48.4%
CO_2 %	40.3%	40.1%	42.3%	38.4%	39.7%	38.4%	40.0%	38.6%	38.4%	34.5%	31.5%	36.7%	39.2%	37.4%	38.1%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	1.1%
Well Head No. 16															
CH_4 %	14.2%	20.5%	20.6%	17.4%	16.4%	19.6%	17.8%	24.1%	5.0%	7.5%	8.0%	9.8%	18.2%	16.9%	14.8%
CO_2 %	19.1%	19.9%	20.1%	18.6%	17.8%	17.3%	16.5%	16.2%	16.3%	15.1%	15.6%	14.6%	14.6%	15.0%	15.0%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%
Well Head No. 17															
CH_4 %	52.2%	54.7%	53.8%	54.6%	55.7%	56.4%	56.7%	58.1%	50.7%	53.3%	44.9%	44.1%	49.4%	49.3%	50.0%
CO_2 %	34.7%	35.5%	36.7%	34.8%	35.0%	34.6%	36.2%	35.5%	33.2%	33.0%	31.9%	32.2%	35.6%	33.5%	35.8%
O_2 %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%

Table 4

Gas Monitoring and Surface Gas Readings

SEVERN TRENT
ENVIRONMENTAL SERVICES
100 MORRIS AVENUE
GLEN COVE, NY 11542

PELHAM BAY LANDFILL
GAS MONITORING WELL READINGS

Date: March 6- 31, 2009 **Sampler:** J. Matthews/Ross Hibler

Date	3/6/09	3/11/09	3/13/09	3/16/09	3/17/09	3/20/09	3/26/09	3/31/09
Weather	Clear 38	Cloudy 49	Partly Cloudy 50's	Cloudy 49	Partly Cloudy 50's	Clear 50's	Cloudy 50's	Clear 58
GMW-1	11:34	12:13	08:20	13:00	10:50	11:55	09:45	13:02
CH4 %	0.4	0.6	0.2	0.2	0.1	0	0.3	0.6
CO2 %	0.4	2.6	0.1	0.3	0.2	0	2.7	0.1
O2 %	20.0	15.1	20.5	20.1	20.3	20.2	15.1	21.4
GMW-2	11:45	12:25	08:35	12:40	11:05	12:07	10:01	13:15
CH4 %	0.3	0.5	0.2	0.2	0.1	0	0.3	0.6
CO2 %	0.2	0.6	0.1	0.1	0.2	0	0.2	0.1
O2 %	20.2	19.7	20.6	20.6	20.9	20.5	20.2	21.2
GMW-3	12:27	12:45	12:28	13:45	11:18	12:24	10:20	13:39
CH4 %	0.5	0.5	0.2	0.4	0.2	0.2	0.4	0.6
CO2 %	0.7	0.4	2.4	2.7	0.2	2.1	4.6	2.1
O2 %	19.6	20.6	18.3	16.7	20.4	17.3	13.1	16.3
GMW-4	11:10	12:01	08:05	12:20	11:34	11:45	9:23	12:51
CH4 %	0.4	0.6	0.1	0.1	0.4	0	0.2	0.5
CO2 %	2.9	4.2	0.2	0.3	2.4	0	2.8	0.5
O2 %	17.3	12.1	20.3	20.3	16.2	20.3	14.8	20.9

Note: Gas wells were purged 3 well volumes with vacuum pump prior to collecting gas reading

SEVERN TRENT
ENVIRONMENTAL SERVICES
100 MORRIS AVENUE
GLEN COVE, NY 11542

PELHAM BAY LANDFILL
GAS MONITORING WELL READINGS

Date: April 8- 30, 2009 **Sampler:** J. Matthews/Ross Hibler

Date	4/8/09	4/10/09	4/20/09	4/21/09	4/24/09	4/30/09
Weather	Rain 46	Cloudy 50	Rain 50's	Rain 50's	Clear 66	Cloudy 68
GMW-1	11:35	13:39	07:19	09:20	11:03	12:44
CH4 %	0.5	0.3	0.5	0.5	0.7	0.8
CO2 %	0.7	0.2	4.3	2.3	0.5	0.6
O2 %	20.6	20.3	17.4	13.5	20.9	20.8
GMW-2	11:52	13:55	07:38	09:33	11:12	12:51
CH4 %	0.5	0.4	0.4	0.5	0.7	0.9
CO2 %	0.1	0.6	3.8	2.7	0.1	0.2
O2 %	21.0	20.1	19.1	15.9	20.9	20.9
GMW-3	12:19	14:18	08:13	09:50	11:27	13:15
CH4 %	0.4	0.6	0.5	0.5	0.8	0.9
CO2 %	1.2	1.9	9.8	5.5	5.9	5.7
O2 %	18.6	18.1	12.4	10.6	8.7	10.4
GMW-4	11:20	13:29	07:00	09:07	10:51	12:36
CH4 %	0.4	0.3	0.5	0.5	0.7	0.8
CO2 %	0.3	0.7	10.1	8.6	0.8	1.4
O2 %	20.7	20.5	6.1	2.7	20.3	20.1

Note: Gas wells were purged 3 well volumes with vacuum pump prior to collecting gas reading

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PELHAM BAY LANDFILL
GAS MONITORING WELL READINGS

Date: May 8-27, 2009 **Sampler:** J. Matthews/Ross Hibler

Date	5/8/09	5/13/09	5/15/09	5/19/09	5/20/09	5/27/09
Weather	Clear 65	Clear 72	Clear 75	Clear 64	Clear 78	Rain 65
GMW-1	09:15	11:45	12:20	09:02	14:21	09:00
CH4 %	0.4	0.5	0.4	0.4	0.9	0.8
CO2 %	4	0.5	0.4	0.2	0.5	0.4
O2 %	8	20.5	20.3	20.8	18.3	17.9
GMW-2	09:30	12:00	12:35	09:17	14:32	09:18
CH4 %	0.5	0.6	0.6	0.4	0.9	0.9
CO2 %	0.3	0.2	0.2	0.1	0.3	0.6
O2 %	20.4	20.6	20.4	20.9	19.1	18.7
GMW-3	09:53	12:18	12:55	09:43	14:08	09:44
CH4 %	0.6	0.6	0.5	0.5	1.3	1.1
CO2 %	6.1	7.3	6.7	8.2	3.1	2.7
O2 %	9	5.7	9.8	5.5	9.2	10.7
GMW-4	10:09	11:30	12:00	10:02	14:52	10:12
CH4 %	0.7	0.4	0.3	0.6	1.0	1.2
CO2 %	2.9	1.8	1.3	1.9	1.3	1.8
O2 %	16.4	19.6	20.4	19.6	17.4	15.9

Note: Gas wells were purged 3 well volumes with vacuum pump prior to collecting gas reading

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PELHAM BAY LANDFILL
GAS MONITORING WELL READINGS

Date: June 9-30, 2009 **Sampler:** J. Matthews/Ross Hibler

Date	6/2/09	6/11/09	6/12/09	6/16/09	6/30/09
Weather	Cloudy 82	Cloudy 63	Cloudy 67	Cloudy 64	Hazy 80's
GMW-1	11:32	09:16	08:13	10:38	11:20
CH4 %	0.9	7.1	0.6	0.5	0.7
CO2 %	2.7	14.8	0.8	0.3	0.2
O2 %	17.5	0.1	20.6	20.8	20.2
GMW-2	11:50	09:29	08:24	10:48	11:39
CH4 %	0.8	2.3	0.6	0.6	0.8
CO2 %	0.9	6.1	0.2	0.1	0.2
O2 %	20.2	11.5	20.7	20.9	19.9
GMW-3	12:31	09:47	08:40	11:06	11:57
CH4 %	1.1	0.6	0.6	0.6	0.9
CO2 %	6.9	0.5	0.9	0.9	0.9
O2 %	8.3	20.1	19.4	19.9	19.3
GMW-4	11:02	9:02	7:59	10:23	11:06
CH4 %	0.9	6	0.6	0.5	0.6
CO2 %	4.2	15	1.8	0.2	0.7
O2 %	15.9	0.2	18.6	20.9	19.8

Note: Gas wells were purged 3 well volumes with vacuum pump prior to collecting gas reading

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PELHAM BAY LANDFILL
GAS MONITORING WELL READINGS

Date: July through September, 2009 **Sampler:** J. Matthews/Ross
Hibler

Date	7/22/09	8/10/09	8/26/09	9/2/09	9/30/09
Weather	Sunny 80	Sunny 88	Sunny 83	Ptly Cloudy 71	Overcast 65
GMW-1	10:55	10:05	11:38	7:50	11:37
CH4 %	0.6	0.6	0.7	0.4	0.3
CO2 %	0.8	3.7	6.6	1.0	2.3
O2 %	20.2	17.1	1.1	18.4	18.0
GMW-2	11:13	10:28	11:48	8:06	11:20
CH4 %	0.7	0.5	0.6	0.4	0.2
CO2 %	0.1	2.1	2.2	0.3	0.3
O2 %	20.5	16.2	12.8	20.1	20.1
GMW-3	11:28	10:56	12:10	8:22	11:05
CH4 %	1.2	0.6	0.6	0.4	0.3
CO2 %	0.9	8.2	1.6	1.3	2.2
O2 %	10.7	6.1	17.2	18.7	17.4
GMW-4	10:35	10:40	11:25	7:34	10:33
CH4 %	0.6	0.5	0.7	0.5	0.4
CO2 %	0.2	0.7	6.4	1.2	2.8
O2 %	20.4	19.6	1.6	19.0	18.0

Note: Gas wells were purged 3 well volumes with vacuum pump prior to collecting gas reading

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PELHAM BAY LANDFILL
GAS MONITORING WELL READINGS

Date: October through December, 2009 **Sampler:** J. Matthews/Ross Hibler

Date	10/14/09	10/16/09	11/03/09	11/06/09	11/18/09	11/24/09	12/04/09	12/15/09	12/29/09
Weather	Cloudy 40-50	Rain 40-50	Cloudy 58	Clear 50	Cloudy 56	Clear 50	Cloudy 30	Cloudy 45	Cloudy 40
GMW-1	8:47	8:38	7:47	8:52	11:27	10:19	12:17	7:21	10:29
CH4 %	0.3	0.3	0.1	0	0.1	0	0	0	0
CO2 %	2.6	1.9	0.2	0.3	0.1	0.1	0.1	0.3	0.1
O2 %	16.3	16.9	20.2	20.8	20.9	20.7	20.5	20.0	20.1
GMW-2	9:09	8:51	7:58	9:01	11:41	10:41	12:33	7:34	10:47
CH4 %	0.4	0.3	0	0	0	0	0	0	0
CO2 %	1.7	2.3	0.2	0.1	0	0	0	0	0
O2 %	20.5	18.7	20.6	20.9	21.1	20.8	20.8	20.5	20.2
GMW-3	9:36	9:17	8:21	9:17	12:16	11:17	12:57	8:12	11:16
CH4 %	0.3	0.4	0	0	0.1	0	0	0.1	0
CO2 %	2.3	2.7	0.1	0.1	2.5	0.1	0	0.7	0.4
O2 %	16.4	15.2	20.7	19.9	18.1	18.9	19.3	18.9	18.9
GMW-4	8:30	8:14	7:30	8:31	11:12	9:55	12:00	7:00	10:10
CH4 %	0.4	0.4	0.2	0	0	0	0	0	0
CO2 %	1.9	1.6	0.2	0.3	0.1	0.1	0.1	0.4	0.1
O2 %	18.2	17.7	18.9	20.7	20.6	21.0	20.3	20.1	20.3

Note: Gas wells were purged 3 well volumes with vacuum pump prior to collecting gas reading

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PELHAM BAY LANDFILL
SURFACE GAS READINGS

Date: 4/15/09 **Sampler:** Ross Hibler

Weather Cloudy, drizzling rain

Location	Methane (ppm)
SGM-1	0.2
SGM-2	0.7
SGM-3	0.0
SGM-4	0.5
SGM-5	0.2
SGM-6	0.6
SGM-7	0.0
SGM-8	0.0
SGM-9	0.0
SGM10	0.0

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PELHAM BAY LANDFILL
SURFACE GAS READINGS

Date: 10/21/09 **Sampler:** R. Hibler

Weather: 60 ^{0} F, Partly Cloudy

Location	Methane (ppm)
SGM-1	0.0
SGM-2	0.0
SGM-3	0.0
SGM-4	0.0
SGM-5	0.0
SGM-6	0.0
SGM-7	0.0
SGM-8	0.0
SGM-9	0.0
SGM10	0.0

Signature:_____

Table 5A

Schedule A Parameters

Table 5A
Leachate Schedule A Parameters
Pelham Bay Landfill
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	Acenaphthene	Aldrin
1,1 Dichloroethene	Acenaphthylene	b BHC
1,2 Dichloroethane	Anthracene	Chlordane
1,2 Dichloroethene	Benzo(a)anthracene	d BHC
1,2 Dichloropropane	Benzo(a)pyrene	Dieldrin
111 Trichloroethane	Benzo(b)fluoranthene	Endosulfan 1
112 Trichloroethane	Benzo(ghi)perylene	Endosulfan 2
1122Tetrachloroethane	Benzo(k)fluoranthene	Endosulfan Sulfate
2-Butanone	BenzylButylPhthalate	Endrin
2-Hexanone	Bis(2-chloroethoxy)methane	Endrin Aldehyde
4-Methyl-2-Pentanone	Bis(2-chloroethyl)ether	Endrin Ketone
Acetone	Bis(2-chloroisopropyl)ether	Heptachlor
Benzene	Bis(2-ethylhexyl)phthalate	Heptachlor Epoxide
Bromodichloromethane	Carbazole	Lindane
Bromoform	Chrysene	Methoxychlor
Bromomethane	Di-n-Butyl Phthalate	p,p-DDD
c-1,3Dichloropropene	Di-n-octyl Phthalate	p,p-DDE
Carbon disulfide	Dibenzo(a,h)anthracene	p,p-DDT
Carbon Tetrachloride	Dibenzofuran	Toxaphene
Chlorobenzene	Diethyl Phthalate	Aroclor 1016
Chlorodibromomethane	Dimethyl Phthalate	Aroclor 1221
Chloroethane	Fluoranthene	Aroclor 1232
Chloroform	Fluorene	Aroclor 1242
Chloromethane	Hexachlorobenzene	Aroclor 1248
Ethyl Benzene	Hexachlorobutadiene	Aroclor 1254
m + p Xylene	Hexachlorocyclopentadiene	Aroclor 1260
Methylene Chloride	Hexachloroethane	Aluminum as Al
o Xylene	Indeno(1,2,3-cd)pyrene	Antimony as Sb
Styrene	Isophorone	Arsenic as As
t-1,3Dichloropropene	N-Nitrosodi-n-propylamine	Barium as Ba
Tetrachloroethene	N-Nitrosodiphenylamine	Beryllium as Be
Toluene	Naphthalene(sv)	Cadmium as Cd
Trichloroethene	Nitrobenzene	Calcium as Ca
Vinyl Chloride	Phenanthrene	Chromium as Cr
Xylene	Pyrene	Cobalt as Co
1,2 Dichlorobenzene(sv)	2,4,5-Trichlorophenol	Copper as Cu
1,3 Dichlorobenzene(sv)	2,4,6-Trichlorophenol	Iron as Fe
1,4 Dichlorobenzene(sv)	2,4-Dichlorophenol	Lead as Pb
124-Trichlorobenzene (sv)	2,4-Dimethylphenol	Magnesium as Mg
2,4-Dinitrotoluene	2,4-Dinitrophenol	Manganese as Mn
2,6-Dinitrotoluene	2-Chlorophenol	Mercury as Hg
2-Chloronaphthalene	2-Methyl-4,6-dinitrophenol	Nickel as Ni
2-Methylnaphthalene	2-Methylphenol (o-cresol)	Potassium as K
2-Nitroaniline	2-Nitrophenol	Selenium as Se
3,3'-Dichlorobenzidine	4-Chloro-3-methylphenol	Silver as Ag
3-Nitroaniline	4-Methylphenol (p-cresol)	Sodium as Na
4-Bromophenyl phenyl ether	4-Nitrophenol	Thallium as Tl
4-Chloroaniline	Pentachlorophenol (ms)	Vanadium as V
4-Chlorophenyl phenyl ether	Phenol	Zinc as Zn
4-Nitroaniline	a BHC	Cyanide as CN

Tables 5B

Groundwater Monitoring Wells Analytical Results

Table 5B
Groundwater Monitoring Wells
Metals and Cyanide Data Comparison
Pelham Bay Landfill Annual Report
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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 104						
			Feb-06	May-06	Nov-06	Jul-07	DISSOLVED Jul-07	Dec-07	DISSOLVED Dec-07
Cyanide, Total	mg/l	.4	0.0357 N	0.0116	0.04	< 0.02		0.03	
Aluminum (Al)	mg/l	2	< 0.0208 U	0.594	0.86	0.55	0.02	0.52	< 0.05
Antimony (Sb)	mg/l	.006	< 0.005 U	< 0.0054 U	< 0.01	**0.011**	0.005	**0.031**	< 0.025
Arsenic (As)	mg/l	.05	0.0378 N	< 0.0039 U	< 0.005	0.014	0.013	< 0.025	< 0.025
Barium (Ba)	mg/l	2	0.208 B	0.281 N	0.37	0.2	0.18	0.18	0.19
Beryllium (Be)	mg/l	.003	< 0.0008 U	< 0.00054 UN	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.0016 U	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025
Calcium (Ca)	mg/l		283	203	300	250	310	290	310
Chromium (Cr)	mg/l	.1	0.0044 B	0.003 BN	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025
Cobalt (Co)	mg/l		< 0.0038 U	< 0.0018 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025
Copper (Cu)	mg/l	1	< 0.0024 U	0.0116	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05
Iron (Fe)	mg/l	.6	0.0787 B	**2.13 N**	**3.1**	**1.3**	0.04	**1.8**	**0.77**
Lead (Pb)	mg/l	.05	0.0115	0.0077 B	0.019	0.007	< 0.005	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	**769 E**	**633**	**840**	**730**	**910**	**870**	**940**
Manganese (Mn)	mg/l	.6	< 0.0042 U	< 0.0069 U	0.02	0.06	0.06	0.08	< 0.05
Mercury (Hg)	mg/l	.0014	< 0.00016 U	< 0.00007 U	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Nickel (Ni)	mg/l	.2	< 0.0046 U	< 0.0019 U	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05
Potassium (K)	mg/l		695 E	346	450	390	510	470	550
Selenium (Se)	mg/l	.02	**0.0459 ***	< 0.005 UN	< 0.004	< 0.01	< 0.01	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	0.0032 B	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025
Sodium (Na)	mg/l		9860 E	215	6700	5600	7400	7600	8500
Thallium (Tl)	mg/l	.0005	**0.0074 B**	**0.0106 B**	< 0.01	< 0.01	< 0.01	< 0.025	< 0.025
Vanadium (V)	mg/l		0.0046 B	0.0072 N	0.009	< 0.005	< 0.005	< 0.025	< 0.025
Zinc (Zn)	mg/l	5	< 0.005 U	0.0232 B	0.05	0.02	0.01	0.07	< 0.05

Table 5B
Groundwater Monitoring Wells
Metals and Cyanide Data Comparison
Pelham Bay Landfill Annual Report
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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 104							
			Mar-08	DISSOLVED Mar-08	Sep-08	DISSOLVED Sep-08	Apr-09	DISSOLVED Apr-09	Oct-09	DISSOLVED Oct-09
Cyanide, Total	mg/l	.4	0.03		0.03		< 0.04	---	< 0.02	---
Aluminum (Al)	mg/l	2	0.03	0.02	0.22	0.03	**0.03**	**0.02**	< 0.05	< 0.05
Antimony (Sb)	mg/l	.006	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	**0.028**	**0.033**
Arsenic (As)	mg/l	.05	0.009	0.011	< 0.005	0.009	**0.014**	**0.018**	< 0.025	< 0.025
Barium (Ba)	mg/l	2	0.15	0.15	0.14	0.14	**0.12**	**0.12**	**0.1**	**0.11**
Beryllium (Be)	mg/l	.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Calcium (Ca)	mg/l		300	310	280	290	**310**	**310**	**300**	**290**
Chromium (Cr)	mg/l	.1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Cobalt (Co)	mg/l		< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Copper (Cu)	mg/l	1	< 0.01	< 0.01	0.1	0.1	< 0.02	< 0.02	< 0.05	< 0.05
Iron (Fe)	mg/l	.6	0.06	0.02	**0.67**	0.22	**0.09**	**0.06**	**0.37**	**0.09**
Lead (Pb)	mg/l	.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	**960**	**1000**	**870**	**930**	**890**	**890**	**950**	**940**
Manganese (Mn)	mg/l	.6	< 0.01	< 0.01	< 0.01	0.05	**0.03**	**0.03**	**0.06**	**0.06**
Mercury (Hg)	mg/l	.0014	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Nickel (Ni)	mg/l	.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.05	< 0.05
Potassium (K)	mg/l		660	700	490	520	**470**	**470**	**460**	**450**
Selenium (Se)	mg/l	.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Sodium (Na)	mg/l		7100	7400	6800	7200	**8300**	**8300**	**7500**	**7400**
Thallium (Tl)	mg/l	.0005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.025	< 0.025
Vanadium (V)	mg/l		< 0.005	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Zinc (Zn)	mg/l	5	0.01	0.01	< 0.01	0.02	**0.02**	**0.02**	< 0.05	< 0.05

Table 5B
Groundwater Monitoring Wells
Metals and Cyanide Data Comparison
Pelham Bay Landfill Annual Report
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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 106					
			Aug-07	DISSOLVED Aug-07	Dec-07	DISSOLVED Dec-07	Mar-08	DISSOLVED Mar-08
Cyanide, Total	mg/l	.4	< 0.02		< 0.02		0.02	
Aluminum (Al)	mg/l	2	0.05	0.03	< 0.05	< 0.05	0.36	0.03
Antimony (Sb)	mg/l	.006	**0.0097**	**0.008**	**0.04**	**0.027**	< 0.005	< 0.005
Arsenic (As)	mg/l	.05	0.012	0.009	< 0.025	< 0.025	0.014	0.011
Barium (Ba)	mg/l	2	0.094	0.095	0.088	0.091	0.15	0.11
Beryllium (Be)	mg/l	.003	< 0.001	< 0.001	< 0.005	< 0.005	< 0.001	< 0.001
Cadmium (Cd)	mg/l	.01	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005
Calcium (Ca)	mg/l		290	310	290	300	250	220
Chromium (Cr)	mg/l	.1	0.014	0.013	< 0.025	< 0.025	0.016	0.011
Cobalt (Co)	mg/l		< 0.005	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005
Copper (Cu)	mg/l	1	0.03	0.02	< 0.05	< 0.05	0.08	< 0.01
Iron (Fe)	mg/l	.6	**0.75**	0.36	0.44	0.27	**47**	**0.65**
Lead (Pb)	mg/l	.05	< 0.005	< 0.005	< 0.025	< 0.025	**0.079**	**< 0.005**
Magnesium (Mg)	mg/l	35	**850**	**900**	**860**	**900**	**760**	**820**
Manganese (Mn)	mg/l	.6	0.07	0.08	0.06	**< 0.05**	0.05	0.03
Mercury (Hg)	mg/l	.0014	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.001	< 0.001
Nickel (Ni)	mg/l	.2	0.02	0.02	< 0.05	< 0.05	< 0.01	< 0.01
Potassium (K)	mg/l		520	540	420	450	550	640
Selenium (Se)	mg/l	.02	< 0.01	< 0.01	< 0.05	< 0.05	< 0.01	< 0.01
Silver (Ag)	mg/l	.1	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005
Sodium (Na)	mg/l		6700	7200	7900	8300	5900	6400
Thallium (Tl)	mg/l	.0005	< 0.1	< 0.1	< 0.025	< 0.025	< 0.005	< 0.005
Vanadium (V)	mg/l		0.007	0.006	< 0.025	< 0.025	0.068	0.017
Zinc (Zn)	mg/l	5	0.17	0.16	0.25	0.24	0.3	0.03

Table 5B
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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 106					
			Sep-08	DISSOLVED Sep-08	Apr-09	DISSOLVED Apr-09	Oct-09	DISSOLVED Oct-09
Cyanide, Total	mg/l	.4	< 0.02		< 0.02	---	< 0.02	---
Aluminum (Al)	mg/l	2	< 0.01	< 0.01	**0.04**	< 0.02	< 0.05	< 0.05
Antimony (Sb)	mg/l	.006	< 0.01	< 0.01	< 0.01	< 0.01	**0.036**	< 0.025
Arsenic (As)	mg/l	.05	< 0.005	**0.067**	**0.03**	**0.03**	< 0.025	< 0.025
Barium (Ba)	mg/l	2	0.11	0.11	**0.092**	**0.087**	**0.083**	**0.085**
Beryllium (Be)	mg/l	.003	< 0.001	< 0.001	< 0.002	< 0.002	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Calcium (Ca)	mg/l		250	270	**280**	**280**	**290**	**300**
Chromium (Cr)	mg/l	.1	< 0.005	< 0.005	**0.011**	**0.01**	< 0.025	< 0.025
Cobalt (Co)	mg/l		< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Copper (Cu)	mg/l	1	0.1	0.1	**0.03**	< 0.02	**0.13**	**0.07**
Iron (Fe)	mg/l	.6	**2**	**2**	**0.65**	**0.48**	**0.81**	**0.6**
Lead (Pb)	mg/l	.05	**< 0.005**	**< 0.005**	< 0.01	< 0.01	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	**760**	**850**	**850**	**830**	**890**	**920**
Manganese (Mn)	mg/l	.6	0.16	0.1	**0.04**	**0.05**	**0.22**	**0.23**
Mercury (Hg)	mg/l	.0014	< 0.001	< 0.001	< 0.0003	< 0.0003	< 0.001	< 0.001
Nickel (Ni)	mg/l	.2	< 0.02	< 0.01	< 0.02	< 0.02	< 0.05	< 0.05
Potassium (K)	mg/l		500	530	**450**	**440**	**460**	**470**
Selenium (Se)	mg/l	.02	< 0.01	< 0.01	< 0.02	< 0.02	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Sodium (Na)	mg/l		6600	7000	**7800**	**7600**	**7300**	**7500**
Thallium (Tl)	mg/l	.0005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.025	< 0.025
Vanadium (V)	mg/l		< 0.005	< 0.005	**0.01**	< 0.01	< 0.025	< 0.025
Zinc (Zn)	mg/l	5	< 0.01	< 0.01	**0.19**	**0.05**	**0.25**	**0.22**

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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 109							
			Feb-06	May-06	Nov-06	Jul-07	DISSOLVED Jul-07	Dec-07	DISSOLVED Dec-07	Mar-08
Cyanide, Total	mg/l	.4	< 0.01 UN	< 0.001 U	< 0.02	< 0.02		< 0.02		< 0.02
Aluminum (Al)	mg/l	2	0.0824 B	**5.6**	**7.2**	**12**	< 0.01	**42**	< 0.05	**3.1**
Antimony (Sb)	mg/l	.006	< 0.0025 U	< 0.0054 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005
Arsenic (As)	mg/l	.05	< 0.0031 UN	< 0.0039 U	< 0.005	0.008	0.009	< 0.025	< 0.025	0.009
Barium (Ba)	mg/l	2	0.0614 B	0.132 N	0.19	0.19	0.07	0.61	0.11	0.17
Beryllium (Be)	mg/l	.003	< 0.0004 U	< 0.00054 UN	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005	< 0.001
Cadmium (Cd)	mg/l	.01	< 0.0008 U	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005
Calcium (Ca)	mg/l		110	96.5	130	66	69	100	100	140
Chromium (Cr)	mg/l	.1	0.0015 B	0.0214 N	0.024	0.043	< 0.005	0.21	< 0.025	0.013
Cobalt (Co)	mg/l		0.002 B	0.0111	0.011	0.016	< 0.005	0.072	< 0.025	0.008
Copper (Cu)	mg/l	1	0.0064 B	0.0177	0.02	0.03	< 0.01	0.12	< 0.05	0.02
Iron (Fe)	mg/l	.6	0.198	**9.76 N**	**8.5**	**15**	0.07	**62**	**2.9**	**4.6**
Lead (Pb)	mg/l	.05	0.0038	0.011	0.01	0.013	< 0.005	**0.065**	< 0.025	**0.011**
Magnesium (Mg)	mg/l	35	14.5 E	14.6	20	14	10	33	16	19
Manganese (Mn)	mg/l	.6	0.0397	0.0898	0.21	0.33	0.23	**1.3**	0.51	0.11
Mercury (Hg)	mg/l	.0014	< 0.00016 U	< 0.00007 U	< 0.0002	< 0.0003	< 0.0003	< 0.001	< 0.0003	0.00066
Nickel (Ni)	mg/l	.2	0.0082 B	0.0496	0.05	0.08	0.01	**0.31**	< 0.05	0.03
Potassium (K)	mg/l		4.45 BE	4.21	11	9.3	4.2	21	5.1	9.6
Selenium (Se)	mg/l	.02	< 0.0039 U*	< 0.005 UN	< 0.004	< 0.01	< 0.01	< 0.05	< 0.05	< 0.01
Silver (Ag)	mg/l	.1	0.0019 B	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005
Sodium (Na)	mg/l		14.5 E	13	22	13	14	18	17	23
Thallium (Tl)	mg/l	.0005	< 0.0029 U	< 0.01 U	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025	< 0.005
Vanadium (V)	mg/l		< 0.002 U	0.0153 N	0.016	0.032	< 0.005	0.12	< 0.025	0.011
Zinc (Zn)	mg/l	5	0.018 B	0.0374 B	0.04	0.05	0.02	0.22	< 0.05	0.03

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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 109						
			DISSOLVED		DISSOLVED		DISSOLVED		DISSOLVED
			Mar-08	**Sep-08**	**Sep-08**	**Apr-09**	**Apr-09**	**Oct-09**	**Oct-09**
Cyanide, Total	mg/l	.4		< 0.02		< 0.02	—	< 0.02	—
Aluminum (Al)	mg/l	2	< 0.01	0.18	< 0.05	**0.03**	< 0.01	**0.12**	< 0.05
Antimony (Sb)	mg/l	.006	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.025	< 0.025
Arsenic (As)	mg/l	.05	0.009	< 0.025	< 0.025	**0.009**	< 0.005	< 0.025	< 0.025
Barium (Ba)	mg/l	2	0.13	0.08	0.075	**0.09**	**0.09**	**0.085**	**0.085**
Beryllium (Be)	mg/l	.003	< 0.001	< 0.005	< 0.005	< 0.001	< 0.001	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.025	< 0.025
Calcium (Ca)	mg/l		150	90	88	**130**	**120**	**120**	**120**
Chromium (Cr)	mg/l	.1	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.025	< 0.025
Cobalt (Co)	mg/l		< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.025	< 0.025
Copper (Cu)	mg/l	1	< 0.01	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05	< 0.05
Iron (Fe)	mg/l	.6	0.02	0.58	0.09	**0.04**	**0.06**	**3.1**	**2.8**
Lead (Pb)	mg/l	.05	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	19	12	12	**16**	**16**	**18**	**17**
Manganese (Mn)	mg/l	.6	0.05	< 0.05	< 0.05	< 0.01	< 0.01	**0.33**	**0.4**
Mercury (Hg)	mg/l	.0014	0.00029	< 0.001	< 0.001	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Nickel (Ni)	mg/l	.2	< 0.01	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05	< 0.05
Potassium (K)	mg/l		8.7	< 5	< 5	**5.9**	**6**	**6.9**	**5.9**
Selenium (Se)	mg/l	.02	< 0.01	< 0.05	< 0.05	< 0.01	**0.01**	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.025	< 0.025
Sodium (Na)	mg/l		25	23	21	**14**	**14**	**38**	**20**
Thallium (Tl)	mg/l	.0005	< 0.005	< 0.05	< 0.05	< 0.005	< 0.005	< 0.025	< 0.025
Vanadium (V)	mg/l		< 0.005	< 0.025	< 0.025	< 0.005	< 0.005	< 0.025	< 0.025
Zinc (Zn)	mg/l	5	0.01	< 0.05	< 0.05	< 0.01	**0.01**	< 0.05	< 0.05

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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 110						
			Nov-06	Jul-07	DISSOLVED Jul-07	Feb-08	DISSOLVED Feb-08	Mar-08	DISSOLVED Mar-08
Cyanide, Total	mg/l	.4	< 0.02	< 0.02		< 0.02		< 0.02	
Aluminum (Al)	mg/l	2	0.17	0.04	0.04	0.08	< 0.05	0.1	0.02
Antimony (Sb)	mg/l	.006	< 0.01	< 0.005	< 0.005	**0.07**	**0.07**	< 0.005	< 0.005
Arsenic (As)	mg/l	.05	< 0.05	0.013	0.012	< 0.025	< 0.025	0.006	< 0.005
Barium (Ba)	mg/l	2	0.082	0.062	0.06	0.1	0.11	0.041	0.043
Beryllium (Be)	mg/l	.003	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005	< 0.001	< 0.001
Cadmium (Cd)	mg/l	.01	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005
Calcium (Ca)	mg/l		310	310	270	290	310	300	320
Chromium (Cr)	mg/l	.1	**0.13**	< 0.005	< 0.005	< 0.025	< 0.025	0.005	< 0.005
Cobalt (Co)	mg/l		< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005
Copper (Cu)	mg/l	1	0.02	< 0.01	< 0.01	< 0.05	< 0.05	0.04	< 0.01
Iron (Fe)	mg/l	.6	**2**	**4.3**	**5.3**	**6.1**	**3.1**	**1.4**	**0.64**
Lead (Pb)	mg/l	.05	0.018	< 0.005	< 0.005	0.042	< 0.025	0.018	< 0.005
Magnesium (Mg)	mg/l	35	**850**	**880**	**760**	**560**	**620**	**860**	**930**
Manganese (Mn)	mg/l	.6	0.06	0.06	0.06	0.14	0.11	0.1	0.09
Mercury (Hg)	mg/l	.0014	< 0.0002	< 0.0003	< 0.0003	< 0.001	< 0.001	< 0.0003	< 0.0003
Nickel (Ni)	mg/l	.2	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	0.01	0.01
Potassium (K)	mg/l		580	510	430	210	230	590	650
Selenium (Se)	mg/l	.02	< 0.004	< 0.01	< 0.01	< 0.05	< 0.05	< 0.01	< 0.01
Silver (Ag)	mg/l	.1	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005	< 0.005
Sodium (Na)	mg/l		6500	7300	5900	4700	5300	6700	7200
Thallium (Tl)	mg/l	.0005	< 0.005	< 0.01	< 0.01	< 0.05	< 0.05	< 0.005	< 0.005
Vanadium (V)	mg/l		0.007	0.005	0.005	< 0.025	< 0.025	0.008	0.007
Zinc (Zn)	mg/l	5	0.01	0.05	0.04	0.17	0.12	0.2	0.02

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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 110					
			Sep-08	DISSOLVED Sep-08	Apr-09	DISSOLVED Apr-09	Oct-09	DISSOLVED Oct-09
Cyanide, Total	mg/l	.4	< 0.02		< 0.02	---	< 0.02	---
Aluminum (Al)	mg/l	2	< 0.1	< 0.1	< 0.02	< 0.02	< 0.05	< 0.05
Antimony (Sb)	mg/l	.006	< 0.1	< 0.1	< 0.01	< 0.01	< 0.025	**0.03**
Arsenic (As)	mg/l	.05	< 0.05	< 0.05	< 0.01	**0.011**	< 0.025	< 0.025
Barium (Ba)	mg/l	2	0.053	0.057	**0.038**	**0.038**	**0.053**	**0.052**
Beryllium (Be)	mg/l	.003	< 0.01	< 0.01	< 0.002	< 0.002	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.05	< 0.05	< 0.01	< 0.01	< 0.025	< 0.025
Calcium (Ca)	mg/l		250	270	**320**	**320**	**320**	**310**
Chromium (Cr)	mg/l	.1	< 0.05	< 0.05	< 0.01	< 0.01	< 0.025	< 0.025
Cobalt (Co)	mg/l		< 0.05	< 0.05	< 0.01	< 0.01	< 0.025	< 0.025
Copper (Cu)	mg/l	1	0.1	0.1	< 0.02	< 0.02	**0.05**	**0.05**
Iron (Fe)	mg/l	.6	**3.7**	**3.3**	**0.48**	**0.46**	**6.7**	**6.6**
Lead (Pb)	mg/l	.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	**750**	**810**	**870**	**880**	**940**	**940**
Manganese (Mn)	mg/l	.6	< 0.1	< 0.1	**0.04**	**0.05**	**0.27**	**0.27**
Mercury (Hg)	mg/l	.0014	< 0.0003	< 0.0003	< 0.001	< 0.001	< 0.0003	< 0.0003
Nickel (Ni)	mg/l	.2	< 0.1	< 0.1	< 0.02	< 0.02	< 0.05	< 0.05
Potassium (K)	mg/l		410	450	**460**	**470**	**440**	**470**
Selenium (Se)	mg/l	.02	< 0.1	< 0.1	< 0.02	< 0.02	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	< 0.05	< 0.05	< 0.01	< 0.01	< 0.025	< 0.025
Sodium (Na)	mg/l		6100	6500	**8100**	**8200**	**7300**	**7500**
Thallium (Tl)	mg/l	.0005	< 0.1	< 0.1	< 0.01	< 0.01	< 0.025	< 0.025
Vanadium (V)	mg/l		< 0.05	< 0.05	< 0.01	< 0.01	< 0.025	< 0.025
Zinc (Zn)	mg/l	5	< 0.1	< 0.1	**0.13**	**0.11**	< 0.05	< 0.05

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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 113							
			Feb-06	May-06	Nov-06	Jul-07	DISSOLVED Jul-07	Dec-07	DISSOLVED Dec-07	Mar-08
Cyanide, Total	mg/l	.4	< 0.01 UN	< 0.001 U	< 0.02	< 0.02		< 0.02		< 0.02
Aluminum (Al)	mg/l	2	0.0229 B	0.832	0.2	**16**	< 0.01	0.12	< 0.05	0.01
Antimony (Sb)	mg/l	.006	< 0.0025 U	< 0.0054 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005
Arsenic (As)	mg/l	.05	< 0.0031 UN	0.007 B	< 0.005	0.01	0.005	< 0.025	< 0.025	0.011
Barium (Ba)	mg/l	2	0.0572 B	0.11 N	0.12	0.23	0.12	0.098	0.096	0.1
Beryllium (Be)	mg/l	.003	< 0.0004 U	< 0.00054 UN	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005	< 0.001
Cadmium (Cd)	mg/l	.01	< 0.0008 U	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005
Calcium (Ca)	mg/l		75.4	99.7	110	92	92	75	77	98
Chromium (Cr)	mg/l	.1	0.0033 B	0.0055 BN	< 0.005	0.061	< 0.005	< 0.025	< 0.025	< 0.005
Cobalt (Co)	mg/l		0.0069 B	0.0103	0.008	0.035	0.011	< 0.025	< 0.025	0.01
Copper (Cu)	mg/l	1	< 0.0012 U	< 0.0043 U	< 0.01	0.04	< 0.01	< 0.05	< 0.05	< 0.01
Iron (Fe)	mg/l	.6	**8.76**	**19.1 N**	**12**	**28**	**7.1**	**4.9**	**4.4**	**7.3**
Lead (Pb)	mg/l	.05	0.0022 B	0.0046 B	< 0.005	0.028	< 0.005	< 0.025	< 0.025	< 0.005
Magnesium (Mg)	mg/l	35	20.5 E	28.4	30	29	24	21	21	26
Manganese (Mn)	mg/l	.6	**1.43**	**1.94**	**2**	**1.6**	**1.4**	**1.1**	**1.1**	**1.4**
Mercury (Hg)	mg/l	.0014	< 0.00016 U	< 0.00007 U	< 0.0002	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.001
Nickel (Ni)	mg/l	.2	0.0393 B	0.0563	0.05	**0.23**	0.06	0.06	0.06	0.04
Potassium (K)	mg/l		40	47.4	71	46	44	45	47	53
Selenium (Se)	mg/l	.02	< 0.0039 U*	< 0.005 UN	< 0.004	< 0.01	< 0.01	< 0.05	< 0.05	< 0.01
Silver (Ag)	mg/l	.1	0.0026 B	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005
Sodium (Na)	mg/l		145 E	109	140	140	150	170	170	150
Thallium (Tl)	mg/l	.0005	< 0.0029 U	< 0.01 U	< 0.005	< 0.01	< 0.005	< 0.025	< 0.025	**0.0067**
Vanadium (V)	mg/l		< 0.002 U	0.0049 BN	< 0.005	0.036	< 0.005	< 0.025	< 0.025	< 0.005
Zinc (Zn)	mg/l	5	0.01 B	0.0176 B	0.02	0.08	0.01	< 0.05	< 0.05	0.01

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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 113						
			DISSOLVED		DISSOLVED		DISSOLVED		DISSOLVED
			Mar-08	Sep-08	Sep-08	Apr-09	Apr-09	Oct-09	Oct-09
Cyanide, Total	mg/l	.4		< 0.02		< 0.02	---	< 0.02	---
Aluminum (Al)	mg/l	2	< 0.01	0.03	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05
Antimony (Sb)	mg/l	.006	< 0.005	< 0.01	< 0.01	< 0.005	< 0.005	< 0.025	< 0.025
Arsenic (As)	mg/l	.05	0.011	0.006	< 0.005	**0.014**	< 0.005	< 0.025	< 0.025
Barium (Ba)	mg/l	2	0.093	0.13	0.14	**0.09**	**0.059**	**0.092**	**0.094**
Beryllium (Be)	mg/l	.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025
Calcium (Ca)	mg/l		97	120	130	**100**	**100**	**110**	**110**
Chromium (Cr)	mg/l	.1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025
Cobalt (Co)	mg/l		0.009	0.008	< 0.005	**0.01**	**0.01**	< 0.025	< 0.025
Copper (Cu)	mg/l	1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**0.05**	< 0.05
Iron (Fe)	mg/l	.6	**8.1**	**11**	**14**	**6.6**	**7.8**	**9.1**	**7.6**
Lead (Pb)	mg/l	.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	26	33	0.6	**26**	**24**	**27**	**27**
Manganese (Mn)	mg/l	.6	**1.4**	**1.7**	**1.9**	**1.5**	**1.5**	**1.4**	**1.5**
Mercury (Hg)	mg/l	.0014	< 0.001	< 0.001	< 0.001	< 0.0003	< 0.0003	< 0.001	< 0.001
Nickel (Ni)	mg/l	.2	0.04	0.04	< 0.01	**0.05**	**0.05**	**0.06**	**0.06**
Potassium (K)	mg/l		53	55	62	**40**	**41**	**53**	**53**
Selenium (Se)	mg/l	.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025
Sodium (Na)	mg/l		160	160	18	**170**	**170**	**190**	**180**
Thallium (Tl)	mg/l	.0005	< 0.005	< 0.01	< 0.01	< 0.005	< 0.005	< 0.025	< 0.025
Vanadium (V)	mg/l		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025
Zinc (Zn)	mg/l	5	0.01	0.02	0.02	**0.02**	**0.01**	< 0.05	< 0.05

Table 5B
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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 114							
			Feb-06	May-06	Nov-06	Aug-07	DISSOLVED Aug-07	Dec-07	DISSOLVED Dec-07	Mar-08
Cyanide, Total	mg/l	.4	< 0.01 UN	< 0.001 U	< 0.02	< 0.02		< 0.02		< 0.02
Aluminum (Al)	mg/l	2	0.235	**3.42**	**7.7**	0.5	< 0.01	**9.2**	< 0.01	0.11
Antimony (Sb)	mg/l	.006	< 0.0025 U	< 0.0054 U	< 0.005	< 0.005	< 0.005	**0.012**	**0.009**	< 0.005
Arsenic (As)	mg/l	.05	< 0.0031 UN	< 0.0039 U	< 0.005	0.009	0.007	0.01	0.01	0.006
Barium (Ba)	mg/l	2	0.0508 B	0.0702 N	0.11	0.091	0.092	0.15	0.086	0.063
Beryllium (Be)	mg/l	.003	< 0.0004 U	< 0.00054 UN	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cadmium (Cd)	mg/l	.01	< 0.0008 U	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Calcium (Ca)	mg/l		161	130	130	150	160	200	200	140
Chromium (Cr)	mg/l	.1	0.0019 B	0.0104 N	0.024	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Cobalt (Co)	mg/l		< 0.0019 U	0.0026 B	0.006	< 0.005	< 0.005	0.007	< 0.005	< 0.005
Copper (Cu)	mg/l	1	0.0113 B	0.0214	0.04	0.01	0.01	0.04	< 0.01	< 0.01
Iron (Fe)	mg/l	.6	0.282	**4.38 N**	**9.6**	0.59	0.12	**9.8**	< 0.01	0.1
Lead (Pb)	mg/l	.05	0.0058	0.012	0.024	< 0.005	< 0.005	**0.056**	< 0.005	< 0.005
Magnesium (Mg)	mg/l	35	18.8 E	18.6	20	22	23	25	23	16
Manganese (Mn)	mg/l	.6	0.0089 B	0.0471	0.26	0.21	0.23	0.1	< 0.01	0.01
Mercury (Hg)	mg/l	.0014	< 0.00016 U	< 0.00007 U	< 0.0002	< 0.0003	< 0.0003	< 0.001	< 0.001	< 0.0003
Nickel (Ni)	mg/l	.2	< 0.0023 U	0.0156	0.03	< 0.01	< 0.01	0.04	< 0.01	< 0.01
Potassium (K)	mg/l		11.3 E	10	15	23	24	17	15	9.9
Selenium (Se)	mg/l	.02	< 0.0039 U*	< 0.005 UN	< 0.004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Silver (Ag)	mg/l	.1	0.0022 B	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Sodium (Na)	mg/l		26 E	19.3	16	57	58	27	25	20
Thallium (Tl)	mg/l	.0005	**0.0036 B**	< 0.01 U	< 0.005	< 0.005	< 0.05	< 0.005	< 0.005	< 0.005
Vanadium (V)	mg/l		< 0.002 U	0.0085 N	0.02	< 0.005	< 0.005	0.023	< 0.005	< 0.005
Zinc (Zn)	mg/l	5	0.0089 B	0.0388 B	0.07	0.02	0.01	0.09	< 0.01	0.02

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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 114						
			DISSOLVED		DISSOLVED		DISSOLVED		DISSOLVED
			Mar-08	**Sep-08**	**Sep-08**	**Apr-09**	**Apr-09**	**Oct-09**	**Oct-09**
Cyanide, Total	mg/l	.4		< 0.02		< 0.02	---	< 0.02	---
Aluminum (Al)	mg/l	2	< 0.01	< 0.05	< 0.05	< 0.02	< 0.02	**2.6**	< 0.05
Antimony (Sb)	mg/l	.006	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Arsenic (As)	mg/l	.05	< 0.005	< 0.025	< 0.025	**0.012**	< 0.01	< 0.025	< 0.025
Barium (Ba)	mg/l	2	0.064	0.059	0.06	**0.066**	**0.061**	**0.12**	**0.1**
Beryllium (Be)	mg/l	.003	< 0.001	< 0.005	< 0.005	< 0.002	< 0.002	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Calcium (Ca)	mg/l		150	110	110	**150**	**140**	**160**	**170**
Chromium (Cr)	mg/l	.1	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Cobalt (Co)	mg/l		< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Copper (Cu)	mg/l	1	< 0.01	< 0.05	< 0.05	< 0.02	< 0.02	< 0.05	< 0.05
Iron (Fe)	mg/l	.6	< 0.01	0.08	< 0.05	**0.02**	**0.07**	**4**	**1.6**
Lead (Pb)	mg/l	.05	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	17	15	15	**17**	**17**	**22**	**23**
Manganese (Mn)	mg/l	.6	0.01	< 0.05	< 0.05	**0.05**	**0.04**	**0.4**	**0.41**
Mercury (Hg)	mg/l	.0014	< 0.0003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0003	< 0.0003
Nickel (Ni)	mg/l	.2	< 0.01	< 0.05	< 0.05	< 0.02	< 0.02	< 0.05	< 0.05
Potassium (K)	mg/l		8.9	12	12	**13**	**13**	**25**	**27**
Selenium (Se)	mg/l	.02	< 0.01	< 0.05	< 0.05	< 0.02	< 0.02	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Sodium (Na)	mg/l		20	21	20	**21**	**21**	**34**	**36**
Thallium (Tl)	mg/l	.0005	< 0.005	< 0.05	< 0.05	< 0.01	< 0.01	< 0.025	< 0.025
Vanadium (V)	mg/l		< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Zinc (Zn)	mg/l	5	0.01	< 0.05	< 0.05	< 0.02	< 0.02	< 0.05	< 0.05

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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 119							
			Feb-06	May-06	Nov-06	Jul-07	DISSOLVED Jul-07	Feb-08	DISSOLVED Feb-08	Mar-08
Cyanide, Total	mg/l	.4	< 0.01 UN	< 0.001 U	< 0.02	< 0.02		< 0.02		< 0.02
Aluminum (Al)	mg/l	2	< 0.0208 U	< 0.092 U	0.05	0.04	0.02	0.49	< 0.1	0.04
Antimony (Sb)	mg/l	.006	< 0.005 U	< 0.0054 U	< 0.01	0.006	0.005	< 0.02	< 0.2	< 0.005
Arsenic (As)	mg/l	.05	0.0077 BN	< 0.0039 U	< 0.05	0.009	0.015	0.015	< 0.05	< 0.005
Barium (Ba)	mg/l	2	0.0779 B	0.0531 N	0.088	0.066	0.07	0.17	0.086	0.065
Beryllium (Be)	mg/l	.003	< 0.0008 U	< 0.00054 UN	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01	< 0.001
Cadmium (Cd)	mg/l	.01	< 0.0016 U	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.005
Calcium (Ca)	mg/l		342	228	350	380	340	320	330	340
Chromium (Cr)	mg/l	.1	0.008 B	0.0022 BN	< 0.005	< 0.005	< 0.005	0.008	< 0.05	< 0.005
Cobalt (Co)	mg/l		< 0.0038 U	< 0.0018 U	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.005
Copper (Cu)	mg/l	1	0.0114 B	< 0.0043 U	0.06	< 0.01	< 0.01	0.02	< 0.1	< 0.01
Iron (Fe)	mg/l	.6	**3.26**	**2.12 N**	**2.1**	**2.3**	**2.1**	**6.2**	**2.7**	**1.9**
Lead (Pb)	mg/l	.05	0.0146	< 0.003 U	< 0.005	< 0.005	< 0.005	0.005	< 0.05	< 0.005
Magnesium (Mg)	mg/l	35	**794 E**	**632**	**880**	**1000**	**870**	**800**	**810**	**910**
Manganese (Mn)	mg/l	.6	0.539	0.404	0.5	0.32	0.34	**0.65**	**0.64**	0.41
Mercury (Hg)	mg/l	.0014	< 0.00016 U	< 0.00007 U	< 0.0002	< 0.0003	< 0.0003	< 0.0003	0.00028	< 0.0003
Nickel (Ni)	mg/l	.2	< 0.0046 U	< 0.0019 U	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 0.01
Potassium (K)	mg/l		676 E	340	340	580	500	380	58	590
Selenium (Se)	mg/l	.02	< 0.0078 U*	< 0.005 UN	< 0.004	< 0.01	< 0.01	< 0.01	< 0.2	< 0.01
Silver (Ag)	mg/l	.1	0.0027 B	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.005
Sodium (Na)	mg/l		10500 E	219	2500	8500	7200	7400	850	6900
Thallium (Tl)	mg/l	.0005	**0.0058 B**	**0.0101 B**	< 0.005	< 0.01	< 0.01	< 0.02	< 0.2	< 0.005
Vanadium (V)	mg/l		0.0085 B	0.0064 N	< 0.005	< 0.005	< 0.005	0.008	< 0.05	< 0.005
Zinc (Zn)	mg/l	5	< 0.005 U	0.0165 B	0.04	0.02	0.03	0.1	< 0.1	0.04

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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 119						
			DISSOLVED		DISSOLVED		DISSOLVED		DISSOLVED
			Mar-08	**Sep-08**	**Sep-08**	**Apr-09**	**Apr-09**	**Oct-09**	**Oct-09**
Cyanide, Total	mg/l	.4		< 0.02		< 0.02	---	< 0.02	---
Aluminum (Al)	mg/l	2	0.01	0.06	< 0.05	**0.02**	< 0.02	< 0.05	< 0.05
Antimony (Sb)	mg/l	.006	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	**0.027**	**0.033**
Arsenic (As)	mg/l	.05	0.006	< 0.025	< 0.025	**0.032**	**0.018**	< 0.025	< 0.025
Barium (Ba)	mg/l	2	0.065	0.078	0.073	**0.073**	**0.069**	**0.071**	**0.072**
Beryllium (Be)	mg/l	.003	< 0.001	< 0.005	< 0.005	< 0.002	< 0.002	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Calcium (Ca)	mg/l		330	300	310	**350**	**340**	**340**	**350**
Chromium (Cr)	mg/l	.1	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Cobalt (Co)	mg/l		< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Copper (Cu)	mg/l	1	< 0.01	0.07	0.08	< 0.02	< 0.02	< 0.05	< 0.05
Iron (Fe)	mg/l	.6	**0.89**	**2.3**	**1.7**	**1.9**	**0.67**	**3.1**	**2.9**
Lead (Pb)	mg/l	.05	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	**870**	**780**	**810**	**920**	**890**	**900**	**900**
Manganese (Mn)	mg/l	.6	0.46	0.36	0.36	**0.34**	**0.32**	**0.52**	**0.5**
Mercury (Hg)	mg/l	.0014	< 0.0003	< 0.001	< 0.001	< 0.0003	< 0.0003	< 0.001	< 0.001
Nickel (Ni)	mg/l	.2	< 0.01	< 0.05	< 0.05	< 0.02	< 0.02	< 0.05	< 0.05
Potassium (K)	mg/l		550	470	470	**430**	**440**	**460**	**470**
Selenium (Se)	mg/l	.02	< 0.01	< 0.05	< 0.05	< 0.02	< 0.02	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Sodium (Na)	mg/l		6600	6600	6600	**8000**	**8000**	**7200**	**7400**
Thallium (Tl)	mg/l	.0005	< 0.005	< 0.05	< 0.05	< 0.01	< 0.01	< 0.025	< 0.025
Vanadium (V)	mg/l		< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Zinc (Zn)	mg/l	5	0.03	0.08	0.07	**0.06**	**0.05**	**0.08**	**0.06**

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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 120							
			Feb-06	May-06	Nov-06	Jul-07	DISSOLVED Jul-07	Dec-07	DISSOLVED Dec-07	DISSOLVED Sep-08
Cyanide, Total	mg/l	.4	< 0.01 UN	< 0.001 U	< 0.02	< 0.02		< 0.02		
Aluminum (Al)	mg/l	2	< 0.0208 U	< 0.092 U	0.04	0.05	0.02	< 0.05	< 0.05	0.06
Antimony (Sb)	mg/l	.006	< 0.005 U	< 0.0054 U	< 0.005	**0.007**	0.006	**0.029**	**0.034**	< 0.025
Arsenic (As)	mg/l	.05	0.0119 BN	0.006 B	< 0.1	0.014	0.017	0.045	0.033	< 0.025
Barium (Ba)	mg/l	2	0.106 B	0.0804 N	0.12	0.12	0.11	0.12	0.12	0.1
Beryllium (Be)	mg/l	.003	< 0.0008 U	< 0.00054 UN	< 0.001	0.001	< 0.001	< 0.005	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.0016 U	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.025
Calcium (Ca)	mg/l		632	399	600	600	580	570	570	510
Chromium (Cr)	mg/l	.1	0.0031 B	< 0.0013 UN	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.025
Cobalt (Co)	mg/l		< 0.0038 U	< 0.0018 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.025
Copper (Cu)	mg/l	1	< 0.0024 U	< 0.0043 U	< 0.2	< 0.01	< 0.01	< 0.05	< 0.05	0.07
Iron (Fe)	mg/l	.6	**1.76**	**1.3 N**	**2.4**	**3.5**	**2.1**	**3**	**2.9**	**1.3**
Lead (Pb)	mg/l	.05	0.0269	< 0.003 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	**634 E**	**506**	**60**	**660**	**650**	**630**	**630**	**590**
Manganese (Mn)	mg/l	.6	**1.15**	**0.853**	**1.2**	**0.78**	**0.77**	**1**	**1**	**0.63**
Mercury (Hg)	mg/l	.0014	< 0.00016 U	< 0.00007 U	< 0.0002	0.00038	0.00068	< 0.001	< 0.001	< 0.001
Nickel (Ni)	mg/l	.2	0.0051 B	0.0042 B	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05
Potassium (K)	mg/l		322 E	223	280	220	220	230	240	200
Selenium (Se)	mg/l	.02	< 0.0078 U*	< 0.005 UN	< 0.004	0.005	< 0.004	< 0.05	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	0.0084 B	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.025
Sodium (Na)	mg/l		9230 E	216	6300	5900	5900	7300	7500	6000
Thallium (Tl)	mg/l	.0005	**0.0188 B**	< 0.01 U	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025	< 0.05
Vanadium (V)	mg/l		< 0.004 U	0.0018 BN	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.025
Zinc (Zn)	mg/l	5	< 0.005 U	< 0.011 U	0.02	0.01	< 0.01	< 0.05	< 0.05	< 0.05

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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 120							
			Sep-08	DISSOLVED Sep-08	Mar-08	DISSOLVED Mar-08	Apr-09	DISSOLVED Apr-09	Oct-09	DISSOLVED Oct-09
Cyanide, Total	mg/l	.4	< 0.02		< 0.02		< 0.02	---	< 0.02	---
Aluminum (Al)	mg/l	2	< 0.05	< 0.05	0.03	0.02	< 0.02	< 0.02	< 0.05	< 0.05
Antimony (Sb)	mg/l	.006	**0.03**	< 0.025	< 0.005	< 0.005	**0.01**	**0.01**	**0.038**	**0.034**
Arsenic (As)	mg/l	.05	< 0.025	< 0.025	0.011	0.015	**0.01**	**0.021**	< 0.025	< 0.025
Barium (Ba)	mg/l	2	0.11	0.11	0.11	0.11	**0.11**	**0.11**	**0.095**	**0.094**
Beryllium (Be)	mg/l	.003	< 0.005	< 0.005	< 0.001	< 0.001	< 0.002	< 0.002	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.025	< 0.025	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Calcium (Ca)	mg/l		570	530	560	550	**600**	**590**	**590**	**580**
Chromium (Cr)	mg/l	.1	< 0.025	< 0.025	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Cobalt (Co)	mg/l		< 0.025	< 0.025	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Copper (Cu)	mg/l	1	0.07	0.07	< 0.01	< 0.01	< 0.02	< 0.02	< 0.05	< 0.05
Iron (Fe)	mg/l	.6	**1.5**	**1.3**	**2.2**	**2.3**	**1.3**	**1.3**	**1.9**	**1.8**
Lead (Pb)	mg/l	.05	< 0.025	< 0.025	< 0.005	0.0056	< 0.01	< 0.01	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	**650**	**610**	**660**	**650**	**640**	**640**	**670**	**660**
Manganese (Mn)	mg/l	.6	**0.69**	< 0.05	**0.95**	**0.96**	**0.68**	**0.68**	**0.94**	**0.92**
Mercury (Hg)	mg/l	.0014	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Nickel (Ni)	mg/l	.2	< 0.05	< 0.05	< 0.01	< 0.01	< 0.02	< 0.02	< 0.05	< 0.05
Potassium (K)	mg/l		200	160	270	270	**400**	**220**	**210**	**200**
Selenium (Se)	mg/l	.02	< 0.05	< 0.05	< 0.01	< 0.01	< 0.02	< 0.02	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	< 0.025	< 0.025	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Sodium (Na)	mg/l		6000	5400	6200	6200	**7400**	**7500**	**6800**	**6700**
Thallium (Tl)	mg/l	.0005	< 0.05	< 0.05	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Vanadium (V)	mg/l		< 0.025	< 0.025	< 0.005	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025
Zinc (Zn)	mg/l	5	< 0.05	< 0.05	0.02	0.02	**0.02**	**0.03**	< 0.05	< 0.05

Table 5B
Groundwater Monitoring Wells
Metals and Cyanide Data Comparison
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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 120B							
			Feb-06	May-06	Nov-06	Jul-07	DISSOLVED Jul-07	Dec-07	DISSOLVED Dec-07	Mar-08
Cyanide, Total	mg/l	.4	< 0.01 UN	< 0.001 U	< 0.02	< 0.02		< 0.02		< 0.02
Aluminum (Al)	mg/l	2	< 0.0208 U	< 0.092 U	0.11	0.04	0.03	< 0.05	< 0.05	0.07
Antimony (Sb)	mg/l	.006	< 0.005 U	< 0.0054 U	< 0.005	0.005	0.006	**0.04**	**0.055**	< 0.005
Arsenic (As)	mg/l	.05	< 0.0062 UN	< 0.0039 U	< 0.05	0.014	0.011	0.026	0.029	0.012
Barium (Ba)	mg/l	2	0.312 B	0.233 N	0.33	0.2	0.2	0.2	0.19	0.2
Beryllium (Be)	mg/l	.003	< 0.0008 U	< 0.00054 UN	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005	< 0.001
Cadmium (Cd)	mg/l	.01	< 0.0016 U	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005
Calcium (Ca)	mg/l		311	214	610	320	320	310	310	290
Chromium (Cr)	mg/l	.1	0.0157 B	0.01 N	0.013	0.006	0.006	< 0.025	< 0.025	0.007
Cobalt (Co)	mg/l		< 0.0038 U	< 0.0018 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005
Copper (Cu)	mg/l	1	< 0.0024 U	< 0.0043 U	< 0.01	0.05	< 0.01	< 0.05	< 0.05	< 0.01
Iron (Fe)	mg/l	.6	0.0724 B	0.144 BN	**2.3**	0.42	0.28	**2.1**	0.16	0.17
Lead (Pb)	mg/l	.05	0.0129	< 0.003 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005
Magnesium (Mg)	mg/l	35	**725 E**	**593**	**680**	**850**	**860**	**850**	**850**	**810**
Manganese (Mn)	mg/l	.6	0.359	0.284	0.3	0.22	0.22	0.11	0.1	0.18
Mercury (Hg)	mg/l	.0014	< 0.00016 U	< 0.00007 U	< 0.0002	0.00099	0.00039	< 0.001	< 0.001	< 0.001
Nickel (Ni)	mg/l	.2	0.0055 B	0.0022 B	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.01
Potassium (K)	mg/l		675 E	361	590	500	500	610	620	580
Selenium (Se)	mg/l	.02	< 0.0078 U*	< 0.005 UN	< 0.004	< 0.004	< 0.004	< 0.05	< 0.05	< 0.01
Silver (Ag)	mg/l	.1	0.0032 B	< 0.0011 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.005
Sodium (Na)	mg/l		9970 E	218	6300	6300	6300	8400	8500	6200
Thallium (Tl)	mg/l	.0005	< 0.0058 U	**0.0155 B**	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025	< 0.005
Vanadium (V)	mg/l		0.0264 B	0.0216 N	0.015	0.016	0.016	< 0.025	< 0.025	0.018
Zinc (Zn)	mg/l	5	< 0.005 U	< 0.011 U	0.03	0.06	0.01	< 0.05	< 0.05	0.02

Table 5B
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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 120B						
			DISSOLVED		DISSOLVED		DISSOLVED		DISSOLVED
			Mar-08	**Sep-08**	**Sep-08**	**Apr-09**	**Apr-09**	**Oct-09**	**Oct-09**
Cyanide, Total	mg/l	.4		< 0.02		< 0.02	---	< 0.02	---
Aluminum (Al)	mg/l	2	0.02	0.06	< 0.05	**0.02**	< 0.02	< 0.05	< 0.05
Antimony (Sb)	mg/l	.006	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	**0.037**	**0.034**
Arsenic (As)	mg/l	.05	0.01	< 0.025	< 0.025	**0.013**	< 0.01	< 0.025	< 0.025
Barium (Ba)	mg/l	2	0.2	0.2	0.2	**0.23**	**0.23**	**0.2**	**0.2**
Beryllium (Be)	mg/l	.003	< 0.001	< 0.005	< 0.005	< 0.002	< 0.002	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Calcium (Ca)	mg/l		290	290	290	**330**	**330**	**320**	**320**
Chromium (Cr)	mg/l	.1	0.007	< 0.025	< 0.025	**0.011**	< 0.01	**0.026**	**0.025**
Cobalt (Co)	mg/l		< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Copper (Cu)	mg/l	1	< 0.01	0.07	0.07	< 0.02	< 0.02	< 0.05	< 0.05
Iron (Fe)	mg/l	.6	0.11	0.2	0.08	**0.07**	**0.06**	**0.25**	**0.19**
Lead (Pb)	mg/l	.05	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	**810**	**820**	**820**	**870**	**850**	**870**	**870**
Manganese (Mn)	mg/l	.6	0.17	0.24	0.23	**0.27**	**0.27**	**0.32**	**0.31**
Mercury (Hg)	mg/l	.0014	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Nickel (Ni)	mg/l	.2	< 0.01	< 0.05	< 0.05	< 0.02	< 0.02	< 0.05	< 0.05
Potassium (K)	mg/l		580	420	480	**470**	**470**	**460**	**450**
Selenium (Se)	mg/l	.02	< 0.01	< 0.05	< 0.05	< 0.02	< 0.02	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	< 0.005	< 0.025	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025
Sodium (Na)	mg/l		6200	6100	6700	**8100**	**8200**	**7300**	**7200**
Thallium (Tl)	mg/l	.0005	< 0.005	< 0.05	< 0.05	< 0.01	< 0.01	< 0.025	< 0.025
Vanadium (V)	mg/l		0.017	< 0.025	< 0.025	**0.016**	**0.015**	< 0.025	< 0.025
Zinc (Zn)	mg/l	5	0.02	< 0.05	< 0.05	**0.02**	**0.03**	< 0.05	< 0.05

Table 5B
Groundwater Monitoring Wells
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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 122							
			Feb-06	**May-06**	**Nov-06**	**Jul-07**	DISSOLVED **Jul-07**	**Dec-07**	DISSOLVED **Dec-07**	**Mar-08**
Cyanide, Total	mg/l	.4	< 0.01 UN	0.152	< 0.02	< 0.02		< 0.02		< 0.02
Aluminum (Al)	mg/l	2	< 0.104 U	< 0.46 U	0.03	0.08	0.03	< 0.05	< 0.05	< 0.05
Antimony (Sb)	mg/l	.006	**0.0269 B**	< 0.027 U	< 0.05	**0.007**	< 0.005	< 0.025	**0.028**	< 0.025
Arsenic (As)	mg/l	.05	< 0.031 UN	< 0.0195 U	0.014	0.023	0.022	0.035	< 0.025	0.039
Barium (Ba)	mg/l	2	1.22 B	**2.05 N**	**2.4**	**2.6**	**2.5**	**2.4**	**2.5**	**2.7**
Beryllium (Be)	mg/l	.003	< 0.004 U	< 0.0027 UN	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.008 U	< 0.0055 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.025
Calcium (Ca)	mg/l		36.3 B	49.4	60	58	57	56	58	53
Chromium (Cr)	mg/l	.1	0.0206 B	0.0505 N	0.062	0.067	0.066	0.068	0.07	0.07
Cobalt (Co)	mg/l		0.0631 B	0.0629	0.071	0.073	0.072	0.075	0.075	0.078
Copper (Cu)	mg/l	1	0.023 B	< 0.0215 U	0.03	0.02	0.02	< 0.05	< 0.05	< 0.05
Iron (Fe)	mg/l	.6	0.101 B	**14.4 N**	**16**	**16**	**15**	**74**	**13**	**13**
Lead (Pb)	mg/l	.05	< 0.019 U	< 0.015 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	**235 E**	**233**	**290**	**290**	**280**	**270**	**290**	**280**
Manganese (Mn)	mg/l	.6	< 0.021 U	< 0.0345 U	0.02	0.02	0.02	< 0.05	< 0.05	< 0.05
Mercury (Hg)	mg/l	.0014	< 0.00016 U	< 0.00007 U	< 0.0002	< 0.0003	< 0.0003	< 0.001	< 0.001	< 0.001
Nickel (Ni)	mg/l	.2	**0.768**	**0.732**	**0.83**	**0.88**	0.09	**0.88**	**0.9**	**0.85**
Potassium (K)	mg/l		242 E	259	380	320	320	320	370	450
Selenium (Se)	mg/l	.02	**0.0827** *	< 0.025 UN	< 0.004	< 0.02	< 0.02	< 0.05	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	< 0.011 U	< 0.0055 U	< 0.005	< 0.005	< 0.005	< 0.025	< 0.025	< 0.025
Sodium (Na)	mg/l		2460 E	928	3200	2600	2500	2800	2800	3000
Thallium (Tl)	mg/l	.0005	< 0.029 U	< 0.05 U	< 0.005	< 0.01	< 0.01	< 0.025	< 0.025	**0.038**
Vanadium (V)	mg/l		< 0.02 U	0.0213 BN	0.033	0.036	0.035	0.037	0.035	0.031
Zinc (Zn)	mg/l	5	0.0272 B	< 0.055 U	0.03	0.02	0.02	< 0.05	< 0.05	< 0.05

Table 5B
Groundwater Monitoring Wells
Metals and Cyanide Data Comparison
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Compounds of Concern	*Unit*	*NYS Ambient Groundwater Quality Standards for Class GA Waters*	MW 122						
			DISSOLVED		DISSOLVED		DISSOLVED		DISSOLVED
			Mar-08	Sep-08	Sep-08	Apr-09	Apr-09	Oct-09	Oct-09
Cyanide, Total	mg/l	.4		< 0.02		< 0.02	--	< 0.02	--
Aluminum (Al)	mg/l	2	< 0.05	0.06	0.03	< 0.05	**0.05**	< 0.05	< 0.05
Antimony (Sb)	mg/l	.006	< 0.025	< 0.02	< 0.02	< 0.025	< 0.025	< 0.025	< 0.025
Arsenic (As)	mg/l	.05	0.042	0.022	0.031	**0.047**	**0.057**	**0.028**	**0.031**
Barium (Ba)	mg/l	2	**2.6**	**2.4**	**2.6**	**2.6**	**2.8**	**2**	**2.1**
Beryllium (Be)	mg/l	.003	< 0.005	< 0.002	< 0.002	< 0.005	< 0.005	< 0.005	< 0.005
Cadmium (Cd)	mg/l	.01	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025	< 0.025	< 0.025
Calcium (Ca)	mg/l		51	51	52	**45**	**50**	**61**	**53**
Chromium (Cr)	mg/l	.1	0.062	0.072	0.075	**0.067**	**0.07**	**0.08**	**0.078**
Cobalt (Co)	mg/l		0.074	0.071	0.074	**0.065**	**0.075**	**0.072**	**0.073**
Copper (Cu)	mg/l	1	< 0.05	0.1	0.1	< 0.05	< 0.05	**0.05**	< 0.05
Iron (Fe)	mg/l	.6	**13**	**13**	**14**	**13**	**12**	**13**	**12**
Lead (Pb)	mg/l	.05	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025	< 0.025	< 0.025
Magnesium (Mg)	mg/l	35	**270**	**280**	**280**	**240**	**270**	**280**	**290**
Manganese (Mn)	mg/l	.6	< 0.05	0.13	0.04	< 0.05	< 0.05	< 0.05	< 0.05
Mercury (Hg)	mg/l	.0014	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Nickel (Ni)	mg/l	.2	**0.83**	**0.89**	**0.92**	**0.85**	**0.95**	**0.92**	**0.94**
Potassium (K)	mg/l		420	300	310	**300**	**360**	**290**	**340**
Selenium (Se)	mg/l	.02	< 0.05	< 0.02	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05
Silver (Ag)	mg/l	.1	< 0.025	< 0.01	< 0.01	< 0.025	< 0.025	< 0.025	< 0.025
Sodium (Na)	mg/l		2900	2600	2700	**2700**	**3100**	**2800**	**3100**
Thallium (Tl)	mg/l	.0005	< 0.025	< 0.02	< 0.02	< 0.025	< 0.025	< 0.025	< 0.025
Vanadium (V)	mg/l		0.03	0.032	0.03	**0.032**	**0.035**	**0.036**	**0.036**
Zinc (Zn)	mg/l	5	< 0.05	0.04	**30**	**0.07**	< 0.05	< 0.05	< 0.05

Table 5B
Groundwater Monitoring Wells
PCB and Pesticides Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-104								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
PCB											
Aroclor 1016		ug/l			< 1						
Aroclor 1221		ug/l			< 1						
Aroclor 1232		ug/l			< 1						
Aroclor 1242		ug/l			< 1						
Aroclor 1248		ug/l			< 1						
Aroclor 1254		ug/l			< 1						
Aroclor 1260		ug/l			< 1						
Pest											
4,4'-DDD	.3	ug/l	0.012 J	< 0.014 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDE	.2	ug/l	0.015 J	< 0.0088 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDT	.2	ug/l		< 0.01 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aldrin		ug/l		< 0.0058 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-BHC	.01	ug/l		< 0.011 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-Chlordane		ug/l		< 0.0055 U						---	---
beta-BHC	.04	ug/l		< 0.013 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
delta-BHC	.04	ug/l	0.017 J	< 0.0022 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	.004	ug/l	**0.0063 J**	< 0.0057 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I		ug/l		< 0.0035 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan II		ug/l		< 0.012 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan Sulfate		ug/l		< 0.014 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin		ug/l		< 0.025 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endrin Aldehyde	5	ug/l		< 0.028 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin ketone	5	ug/l		< 0.016 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
gamma-BHC (Lindane)	.05	ug/l		< 0.0052 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
gamma-Chlordane		ug/l		< 0.0061 U						---	---
Heptachlor	.04	ug/l		< 0.0078 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor Epoxide	.03	ug/l		< 0.0057 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	35	ug/l		< 0.041 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Technical Chlordane	.05	ug/l			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Toxaphene	.06	ug/l		< 0.21 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
PCB and Pesticides Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-106					
			Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
PCB								
Aroclor 1016		ug/l						
Aroclor 1221		ug/l						
Aroclor 1232		ug/l						
Aroclor 1242		ug/l						
Aroclor 1248		ug/l						
Aroclor 1254		ug/l						
Aroclor 1260		ug/l						
Pest								
4,4'-DDD	.3	ug/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDE	.2	ug/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDT	.2	ug/l	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aldrin		ug/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-BHC	.01	ug/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-Chlordane		ug/l					---	---
beta-BHC	.04	ug/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
delta-BHC	.04	ug/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	.004	ug/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I		ug/l	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan II		ug/l	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan Sulfate		ug/l	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin		ug/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endrin Aldehyde	5	ug/l	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin ketone	5	ug/l	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
gamma-BHC (Lindane)	.05	ug/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
gamma-Chlordane		ug/l					---	---
Heptachlor	.04	ug/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor Epoxide	.03	ug/l	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	35	ug/l	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Technical Chlordane	.05	ug/l	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Toxaphene	.06	ug/l	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
PCB and Pesticides Data Comparison
Pelham Bay Landfill Annual Report
March 2009 thru December 2009
Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-109								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
PCB											
Aroclor 1016		ug/l			< 1						
Aroclor 1221		ug/l			< 1						
Aroclor 1232		ug/l			< 1						
Aroclor 1242		ug/l			< 1						
Aroclor 1248		ug/l			< 1						
Aroclor 1254		ug/l			< 1						
Aroclor 1260		ug/l			< 1						
Pest											
4,4'-DDD	.3	ug/l		< 0.014 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDE	.2	ug/l		< 0.0088 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDT	.2	ug/l		< 0.01 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aldrin		ug/l		< 0.0058 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-BHC	.01	ug/l		< 0.011 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-Chlordane		ug/l		< 0.0055 U						---	---
beta-BHC	.04	ug/l		< 0.013 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
delta-BHC	.04	ug/l		< 0.0022 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	.004	ug/l		< 0.0057 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I		ug/l		< 0.0035 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan II		ug/l		< 0.012 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan Sulfate		ug/l	BJVR#	< 0.014 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin		ug/l		< 0.025 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endrin Aldehyde	5	ug/l		< 0.028 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin ketone	5	ug/l		< 0.016 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
gamma-BHC (Lindane)	.05	ug/l		< 0.0052 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
gamma-Chlordane		ug/l		< 0.0061 U						---	---
Heptachlor	.04	ug/l		< 0.0078 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor Epoxide	.03	ug/l		< 0.0057 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	35	ug/l		< 0.041 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Technical Chlordane	.05	ug/l			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Toxaphene	.06	ug/l		< 0.21 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
PCB and Pesticides Data Comparison
Pelham Bay Landfill Annual Report
March 2009 thru December 2009
Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-110								
			Jul-92	May-06	Nov-06	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
PCB											
Aroclor 1016		ug/l			< 1						
Aroclor 1221		ug/l			< 1						
Aroclor 1232		ug/l			< 1						
Aroclor 1242		ug/l		well dry no sample obtained	< 1						
Aroclor 1248		ug/l			< 1						
Aroclor 1254		ug/l			< 1						
Aroclor 1260		ug/l			< 1						
Pest											
4,4'-DDD	.3	ug/l	0.015 J		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDE	.2	ug/l	0.011 J		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDT	.2	ug/l			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aldrin		ug/l			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-BHC	.01	ug/l			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-Chlordane		ug/l								---	---
beta-BHC	.04	ug/l			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
delta-BHC	.04	ug/l	JVR#		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	.004	ug/l			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I		ug/l			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan II		ug/l			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan Sulfate		ug/l			< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin		ug/l			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endrin Aldehyde	5	ug/l			< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin ketone	5	ug/l			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
gamma-BHC (Lindane)	.05	ug/l			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
gamma-Chlordane		ug/l								---	---
Heptachlor	.04	ug/l			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor Epoxide	.03	ug/l			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	35	ug/l			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Technical Chlordane	.05	ug/l			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Toxaphene	.06	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
PCB and Pesticides Data Comparison
Pelham Bay Landfill Annual Report
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-113								
			Jul-92	May-06	Nov-06	Jul-08	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
PCB											
Aroclor 1016		ug/l			< 1						
Aroclor 1221		ug/l			< 1						
Aroclor 1232		ug/l			< 1						
Aroclor 1242		ug/l			< 1						
Aroclor 1248		ug/l			< 1						
Aroclor 1254		ug/l			< 1						
Aroclor 1260		ug/l			< 1						
Pest				< 0.014 U							
4,4'-DDD	.3	ug/l		< 0.0088 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDE	.2	ug/l		< 0.01 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDT	.2	ug/l		< 0.0058 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aldrin		ug/l		< 0.011 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-BHC	.01	ug/l		< 0.0055 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-Chlordane		ug/l		< 0.013 U						---	---
beta-BHC	.04	ug/l		< 0.0022 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
delta-BHC	.04	ug/l		< 0.0057 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	.004	ug/l	**0.033 JV**	< 0.0035 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I		ug/l		< 0.012 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan II		ug/l	0.053 JV	< 0.014 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan Sulfate		ug/l	BJVR#	< 0.025 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin		ug/l		< 0.028 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endrin Aldehyde	5	ug/l		< 0.016 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin ketone	5	ug/l		< 0.0052 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
gamma-BHC (Lindane)	.05	ug/l		0.016 J	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
gamma-Chlordane		ug/l		< 0.0078 U						---	---
Heptachlor	.04	ug/l		0.016 J	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor Epoxide	.03	ug/l		< 0.041 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	35	ug/l			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Technical Chlordane	.05	ug/l		< 0.21 U	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Toxaphene	.06	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
PCB and Pesticides Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-114								
			Aug-02	May-06	Nov-06	Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
PCB											
Aroclor 1016		ug/l			< 1						
Aroclor 1221		ug/l			< 1						
Aroclor 1232		ug/l			< 1						
Aroclor 1242		ug/l			< 1						
Aroclor 1248		ug/l			< 1						
Aroclor 1254		ug/l			< 1						
Aroclor 1260		ug/l			< 1						
Pest				< 0.014 U							
4,4'-DDD	.3	ug/l		< 0.0088 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDE	.2	ug/l		< 0.01 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDT	.2	ug/l		< 0.0058 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aldrin		ug/l		< 0.011 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-BHC	.01	ug/l		< 0.0055 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-Chlordane		ug/l		< 0.013 U						---	---
beta-BHC	.04	ug/l		< 0.0022 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
delta-BHC	.04	ug/l	0.02 J	< 0.0057 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	.004	ug/l		< 0.0035 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I		ug/l		< 0.012 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan II		ug/l		< 0.014 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan Sulfate		ug/l		< 0.025 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin		ug/l		< 0.028 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endrin Aldehyde	5	ug/l		< 0.016 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin ketone	5	ug/l		< 0.0052 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
gamma-BHC (Lindane)	.05	ug/l		0.016 J	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
gamma-Chlordane		ug/l		< 0.0078 U						---	---
Heptachlor	.04	ug/l		0.0094 J	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor Epoxide	.03	ug/l		< 0.041 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	35	ug/l			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Technical Chlordane	.05	ug/l		< 0.21 U	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Toxaphene	.06	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
PCB and Pesticides Data Comparison
Pelham Bay Landfill Annual Report
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-119								
			Aug-02	May-06	Nov-06	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
PCB											
Aroclor 1016		ug/l			< 1						
Aroclor 1221		ug/l			< 1						
Aroclor 1232		ug/l			< 1						
Aroclor 1242		ug/l			< 1						
Aroclor 1248		ug/l			< 1						
Aroclor 1254		ug/l			< 1						
Aroclor 1260		ug/l			< 1						
Pest											
4,4'-DDD	.3	ug/l	0.011 JV	< 0.016 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDE	.2	ug/l		< 0.0098 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDT	.2	ug/l		< 0.012 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aldrin		ug/l		< 0.0064 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-BHC	.01	ug/l		< 0.012 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-Chlordane		ug/l		< 0.0061 U						---	---
beta-BHC	.04	ug/l		< 0.014 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
delta-BHC	.04	ug/l		< 0.0024 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	.004	ug/l		< 0.0063 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I		ug/l		< 0.0039 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan II		ug/l		< 0.014 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan Sulfate		ug/l		< 0.016 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin		ug/l		< 0.028 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endrin Aldehyde	5	ug/l		< 0.031 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin ketone	5	ug/l		< 0.018 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
gamma-BHC (Lindane)	.05	ug/l		< 0.0058 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
gamma-Chlordane		ug/l		< 0.0068 U						---	---
Heptachlor	.04	ug/l		< 0.0087 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor Epoxide	.03	ug/l		< 0.0063 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	35	ug/l		< 0.045 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Technical Chlordane	.05	ug/l			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Toxaphene	.06	ug/l		< 0.24 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
PCB and Pesticides Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit		MW-120								
				Aug-02	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct--09
PCB												
Aroclor 1016		ug/l				< 1						
Aroclor 1221		ug/l				< 1						
Aroclor 1232		ug/l				< 1						
Aroclor 1242		ug/l				< 1						
Aroclor 1248		ug/l				< 1						
Aroclor 1254		ug/l				< 1						
Aroclor 1260		ug/l				< 1						
Pest												
4,4'-DDD	.3	ug/l			< 0.016 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDE	.2	ug/l	R		< 0.0096 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDT	.2	ug/l			< 0.011 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aldrin		ug/l			< 0.0063 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-BHC	.01	ug/l			< 0.012 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-Chlordane		ug/l			< 0.006 U						---	---
beta-BHC	.04	ug/l			< 0.014 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
delta-BHC	.04	ug/l			< 0.0024 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	.004	ug/l	R		< 0.0062 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I		ug/l			< 0.0038 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan II		ug/l			< 0.013 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan Sulfate		ug/l			< 0.015 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin		ug/l			< 0.027 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endrin Aldehyde	5	ug/l			< 0.031 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin ketone	5	ug/l			< 0.018 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
gamma-BHC (Lindane)	.05	ug/l			< 0.0057 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
gamma-Chlordane		ug/l			< 0.0066 U						---	---
Heptachlor	.04	ug/l			< 0.0085 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor Epoxide	.03	ug/l			< 0.0062 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	35	ug/l	R		< 0.044 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Technical Chlordane	.05	ug/l				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Toxaphene	.06	ug/l			< 0.23 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
PCB and Pesticides Data Comparison
Pelham Bay Landfill Annual Report
March 2009 thru December 2009
Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-120B								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
PCB											
Aroclor 1016		ug/l			< 1						
Aroclor 1221		ug/l			< 1						
Aroclor 1232		ug/l			< 1						
Aroclor 1242		ug/l			< 1						
Aroclor 1248		ug/l			< 1						
Aroclor 1254		ug/l			< 1						
Aroclor 1260		ug/l			< 1						
Pest											
4,4'-DDD	.3	ug/l		< 0.014 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDE	.2	ug/l	0.017 JV	< 0.0088 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDT	.2	ug/l		< 0.01 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aldrin		ug/l		< 0.0058 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-BHC	.01	ug/l	**0.011 JV**	< 0.011 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-Chlordane		ug/l		< 0.0055 U						---	---
beta-BHC	.04	ug/l		< 0.013 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
delta-BHC	.04	ug/l		< 0.0022 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	.004	ug/l		< 0.0057 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I		ug/l		< 0.0035 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan II		ug/l		< 0.012 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan Sulfate		ug/l		< 0.014 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin		ug/l		< 0.025 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Endrin Aldehyde	5	ug/l		< 0.028 U	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Endrin ketone	5	ug/l		< 0.016 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
gamma-BHC (Lindane)	.05	ug/l		< 0.0052 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
gamma-Chlordane		ug/l		< 0.0061 U						---	---
Heptachlor	.04	ug/l		< 0.0078 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor Epoxide	.03	ug/l		< 0.0057 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	35	ug/l		< 0.041 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Technical Chlordane	.05	ug/l			< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Toxaphene	.06	ug/l		< 0.21 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
PCB and Pesticides Data Comparison
Pelham Bay Landfill Annual Report
March 2009 thru December 2009
Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-122								
			Aug-02	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
PCB											
Aroclor 1016		ug/l			< 1						
Aroclor 1221		ug/l			< 1						
Aroclor 1232		ug/l			< 1						
Aroclor 1242		ug/l			< 1						
Aroclor 1248		ug/l			< 1						
Aroclor 1254		ug/l			< 1						
Aroclor 1260		ug/l			< 1						
Pest											
4,4'-DDD	.3	ug/l		< 0.016 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4,4'-DDE	.2	ug/l		< 0.0096 U	< 0.05	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.05
4,4'-DDT	.2	ug/l		< 0.011 U	< 0.1	< 0.05	< 0.05	< 0.05	< 0.1	< 0.1	< 0.1
Aldrin		ug/l	0.0093 JV	**0.033 JM**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
alpha-BHC	.01	ug/l		< 0.012 U	< 0.05				< 0.05	< 0.05	< 0.05
alpha-Chlordane		ug/l		< 0.006 U		< 0.05	< 0.05	< 0.05		---	---
beta-BHC	.04	ug/l		**0.24 M**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
delta-BHC	.04	ug/l		0.038 JM	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	.004	ug/l		**0.019 J**	< 0.05	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.05
Endosulfan I		ug/l		< 0.0038 U	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Endosulfan II		ug/l		< 0.013 U	< 0.1	< 0.3	< 0.3	< 0.3	< 0.1	< 0.1	< 0.1
Endosulfan Sulfate		ug/l		< 0.015 U	< 0.3	< 0.05	< 0.05	< 0.05	< 0.3	< 0.3	< 0.3
Endrin		ug/l		< 0.027 U	< 0.05	< 0.3	< 0.3	< 0.3	< 0.05	< 0.05	< 0.05
Endrin Aldehyde	5	ug/l		< 0.031 U	< 0.3	< 0.1	< 0.1	< 0.1	< 0.3	< 0.3	< 0.3
Endrin ketone	5	ug/l		< 0.018 U	< 0.1	< 0.05	< 0.05	< 0.05	< 0.1	< 0.1	< 0.1
gamma-BHC (Lindane)	.05	ug/l		< 0.0057 U	< 0.05				< 0.05	< 0.05	< 0.05
gamma-Chlordane		ug/l		0.0096 JM		< 0.05	< 0.05	< 0.05		---	---
Heptachlor	.04	ug/l		< 0.0085 U	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor Epoxide	.03	ug/l		< 0.0062 U	< 0.05	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.05
Methoxychlor	35	ug/l		< 0.044 U	< 0.1	< 0.2	< 0.2	< 0.2	< 0.1	< 0.1	< 0.1
Technical Chlordane	.05	ug/l			< 0.2	< 1	< 1	< 1	< 0.2	< 0.2	< 0.2
Toxaphene	.06	ug/l		< 0.23 U	< 1				< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
Pelham Bay Landfill Annual Report
March 2009 thru December 2009
Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-104								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
SVOC											
1,2,4-Trichlorobenzene	5	ug/l		< 0.7 U	< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	1 J	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene as a SVOC	3	ug/l		< 0.5 U	5 J	< 1	< 1	< 1	< 1	< 1	< 1
2,2-oxybis (1-chloropropane)	5	ug/l		< 0.6 U	< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1
2,4,5-Trichlorophenol	2 *	ug/l		< 0.8 U	< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1
2,4,6-Trichlorophenol	2 *	ug/l		< 0.8 U	< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol	2 *			< 0.8 U	< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dimethylphenol	2 *	ug/l		< 0.7 U	< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dinitrophenol	2 *	ug/l		< 5 U	< 5 U	< 10	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrotoluene	5	ug/l		< 0.8 U	< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1
2,6-Dinitrotoluene	5	ug/l		< 0.6 U	< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1
2-Chloronaphthalene	10	ug/l		< 0.7 U	< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1
2-Methylnaphthalene		ug/l		< 0.6 U	< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitroaniline	5	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitrophenol	2 *	ug/l		< 0.8 U	< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1
3,3-Dichlorobenzidine	5	ug/l		< 1 U	< 1 U	< 10	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	5	ug/l		< 0.7 U	< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1
4,6-Dinitro-2-methylphenol		ug/l		< 4 U	< 4 U	< 10	< 10	< 10	< 10	< 10	< 10
4-Bromophenyl Phenyl Ether		ug/l		< 0.9 U	< 0.9 U	< 1	< 1	< 1	< 1	< 1	< 1
4-chloro-3-methylphenol		ug/l		< 0.5 U	< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1
4-Chloroaniline	5	ug/l		< 0.4 U	< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1
4-Chlorophenyl Phenyl Ether		ug/l		< 0.8 U	< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1
4-Methylphenol (m/p-cresol)		ug/l		< 0.3 U	< 0.3 U	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitroaniline	5	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitrophenol		ug/l		< 2 U	< 2 U	< 10	< 10	< 10	< 10	< 10	< 10
Acenaphthene	20	ug/l	4 J	< 0.8 U	3 J	< 1	< 1	< 1	< 1	< 1	< 1
Acenaphthylene		ug/l		< 0.8 U	< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1
Anthracene	50	ug/l		< 1 U	7 JH	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
Pelham Bay Landfill Annual Report
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Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-104								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Benzo(a)anthracene	0.002	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(a)pyrene	ND	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(b)fluoranthene	0.002	ug/l		< 2 U	< 2 U	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(ghi)perylene		ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(k)fluoranthene	0.002	ug/l		< 0.9 U	< 0.9 U	< 1	< 1	< 1	< 1	< 1	< 1
Benzyl Alcohol		ug/l		< 1 U	< 1 U					---	---
bis(2-Chloroethoxy)methane	5	ug/l		< 0.5 U	< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Ethylhexyl)phthalate	5	ug/l	4 J	< 1 U	6.8	1.7	< 1	2	< 1	**4.5**	**1.6**
Butyl benzyl phthalate	50	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Carbazole		ug/l		< 1 U	3 J	< 1	< 1	< 1	< 1	< 1	< 1
Chrysene	0.002	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzo(a,h)anthracene		ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzofuran		ug/l		< 0.8 U	< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1
Diethyl phthalate	50	ug/l		< 0.8 U	< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1
Dimethyl Phthalate	50	ug/l		< 0.6 U	< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-butyl phthalate	50	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-octyl phthalate	50	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Fluoranthene	50	ug/l	3 J	< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Fluorene	50	ug/l	2 J	< 0.8 U	< 0.8 UH	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobenzene	0.04	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	0.5	ug/l		< 0.8 U	< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorocyclopentadiene	5	ug/l		< 2 U	< 2 U	< 10	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	5	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Indeno(1,2,3-cd)pyrene	0.002	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Isophorone	50	ug/l		< 0.7 U	< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	10	ug/l	6 J	< 0.7 U	0.9 J	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene	0.4	ug/l		< 0.8 U	< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1
n-Nitroso-di-n-propylamine		ug/l		< 0.7 U	< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1
N-Nitrosodiphenylamine	50	ug/l		< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1
Pentachlorophenol	2 *	ug/l		< 5 U	< 5 U	< 10	< 10	< 10	< 10	< 10	< 10
Phenanthrene	50	ug/l		< 0.7 U	< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1
Pyrene	50	ug/l	2 J	< 1 U	< 1 U	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
Pelham Bay Landfill Annual Report
March 2009 thru December 2009
Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-106					
			Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
SVOC								
1,2,4-Trichlorobenzene	5	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a SVOC	3	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a SVOC	3	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene as a SVOC	3	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
2,2-oxybis (1-chloropropane)	5	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
2,4,5-Trichlorophenol	2 *	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
2,4,6-Trichlorophenol	2 *	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol	2 *		< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dimethylphenol	2 *	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dinitrophenol	2 *	ug/l	< 10	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrotoluene	5	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
2,6-Dinitrotoluene	5	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
2-Chloronaphthalene	10	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
2-Methylnaphthalene		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitroaniline	5	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitrophenol	2 *	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
3,3-Dichlorobenzidine	5	ug/l	< 10	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	5	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
4,6-Dinitro-2-methylphenol		ug/l	< 10	< 10	< 10	< 10	< 10	< 10
4-Bromophenyl Phenyl Ether		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
4-chloro-3-methylphenol		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
4-Chloroaniline	5	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
4-Chlorophenyl Phenyl Ether		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
4-Methylphenol (m/p-cresol)		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitroaniline	5	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitrophenol		ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Acenaphthene	20	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Acenaphthylene		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Anthracene	50	ug/l	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-106					
			Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Benzo(a)anthracene	0.002	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(a)pyrene	ND	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(b)fluoranthene	0.002	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(ghi)perylene		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(k)fluoranthene	0.002	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Benzyl Alcohol		ug/l					---	---
bis(2-Chloroethoxy)methane	5	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Ethylhexyl)phthalate	5	ug/l	< 1	< 1	< 1	< 1	**12**	**2.5**
Butyl benzyl phthalate	50	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Carbazole		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Chrysene	0.002	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzo(a,h)anthracene		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzofuran		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Diethyl phthalate	50	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Dimethyl Phthalate	50	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-butyl phthalate	50	ug/l	< 1	< 1	1.1	< 1	**1.6**	**1.7**
Di-n-octyl phthalate	50	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Fluoranthene	50	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Fluorene	50	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobenzene	0.04	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	0.5	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorocyclopentadiene	5	ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	5	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Indeno(1,2,3-cd)pyrene	0.002	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Isophorone	50	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	10	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene	0.4	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
n-Nitroso-di-n-propylamine		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
N-Nitrosodiphenylamine	50	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Pentachlorophenol	2 *	ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Phenanthrene	50	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Pyrene	50	ug/l	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
Pelham Bay Landfill Annual Report
March 2009 thru December 2009
Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-109								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
SVOC											
1,2,4-Trichlorobenzene	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene as a SVOC	3	ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,2-oxybis (1-chloropropane)	5	ug/l	4 J	< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,5-Trichlorophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,6-Trichlorophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol	2 *			< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dimethylphenol	2 *	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dinitrophenol	2 *	ug/l		< 5 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrotoluene	5	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,6-Dinitrotoluene	5	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Chloronaphthalene	10	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Methylnaphthalene		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	**2.4**	< 1
2-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitrophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
3,3-Dichlorobenzidine	5	ug/l		< 1 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4,6-Dinitro-2-methylphenol		ug/l		< 4 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
4-Bromophenyl Phenyl Ether		ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-chloro-3-methylphenol		ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chloroaniline	5	ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chlorophenyl Phenyl Ether		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Methylphenol (m/p-cresol)		ug/l		< 0.3 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitrophenol		ug/l		< 2 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Acenaphthene	20	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Acenaphthylene		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Anthracene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-109								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Benzo(a)anthracene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(a)pyrene	ND	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(b)fluoranthene	0.002	ug/l		< 2 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(ghi)perylene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(k)fluoranthene	0.002	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzyl Alcohol		ug/l		< 1 U						---	---
bis(2-Chloroethoxy)methane	5	ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Ethylhexyl)phthalate	5	ug/l		3 J	3.8	**5.7**	< 1	< 1	3.9	**4.2**	**3.3**
Butyl benzyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Carbazole		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Chrysene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzo(a,h)anthracene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzofuran		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Diethyl phthalate	50	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dimethyl Phthalate	50	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-butyl phthalate	50	ug/l	BJR#	< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-octyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	**2.2**
Fluoranthene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluorene	50	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobenzene	0.04	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	0.5	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorocyclopentadiene	5	ug/l		< 2 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Indeno(1,2,3-cd)pyrene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Isophorone	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	10	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene	0.4	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
n-Nitroso-di-n-propylamine		ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
N-Nitrosodiphenylamine	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pentachlorophenol	2 *	ug/l		< 5 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Phenanthrene	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pyrene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-110								
			Jul-92	May-06	Nov-06	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
SVOC											
1,2,4-Trichlorobenzene	5	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a SVOC	3	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a SVOC	3	ug/l		well	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene as a SVOC	3	ug/l		well	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,2-oxybis (1-chloropropane)	5	ug/l		well	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,5-Trichlorophenol	2 *	ug/l		well	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,6-Trichlorophenol	2 *	ug/l		dry	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol	2 *			dry	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dimethylphenol	2 *	ug/l		dry	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dinitrophenol	2 *	ug/l			< 20	< 10	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrotoluene	5	ug/l		no	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,6-Dinitrotoluene	5	ug/l		no	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Chloronaphthalene	10	ug/l		no	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Methylnaphthalene		ug/l		sample	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitroaniline	5	ug/l		sample	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitrophenol	2 *	ug/l		sample	< 2	< 1	< 1	< 1	< 1	< 1	< 1
3,3-Dichlorobenzidine	5	ug/l		sample	< 20	< 10	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	5	ug/l		sample	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4,6-Dinitro-2-methylphenol		ug/l		sample	< 20	< 10	< 10	< 10	< 10	< 10	< 10
4-Bromophenyl Phenyl Ether		ug/l		obtained	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-chloro-3-methylphenol		ug/l		obtained	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chloroaniline	5	ug/l		obtained	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chlorophenyl Phenyl Ether		ug/l		obtained	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Methylphenol (m/p-cresol)		ug/l		obtained	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitroaniline	5	ug/l		obtained	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitrophenol		ug/l		obtained	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Acenaphthene	20	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Acenaphthylene		ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Anthracene	50	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-110								
			Jul-92	May-06	Nov-06	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
Benzo(a)anthracene	0.002	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(a)pyrene	ND	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(b)fluoranthene	0.002	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(ghi)perylene		ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(k)fluoranthene	0.002	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzyl Alcohol		ug/l								---	---
bis(2-Chloroethoxy)methane	5	ug/l		w	< 2	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Ethylhexyl)phthalate	5	ug/l		e	3.1	2.1	**130**	**29**	< 1	**4.1**	**3**
Butyl benzyl phthalate	50	ug/l		l	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Carbazole		ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Chrysene	0.002	ug/l		d	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzo(a,h)anthracene		ug/l		r	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzofuran		ug/l		y	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Diethyl phthalate	50	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dimethyl Phthalate	50	ug/l		n	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-butyl phthalate	50	ug/l		o	< 2	< 1	< 1	< 1	< 1	< 1	**2.3**
Di-n-octyl phthalate	50	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluoranthene	50	ug/l		s	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluorene	50	ug/l		a	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobenzene	0.04	ug/l		m	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	0.5	ug/l		p	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorocyclopentadiene	5	ug/l		l	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	5	ug/l		e	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Indeno(1,2,3-cd)pyrene	0.002	ug/l		o	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Isophorone	50	ug/l		b	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	10	ug/l		t	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene	0.4	ug/l		a	< 2	< 1	< 1	< 1	< 1	< 1	< 1
n-Nitroso-di-n-propylamine		ug/l		i	< 2	< 1	< 1	< 1	< 1	< 1	< 1
N-Nitrosodiphenylamine	50	ug/l		n	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pentachlorophenol	2 *	ug/l		e	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Phenanthrene	50	ug/l		d	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pyrene	50	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-113								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
SVOC											
1,2,4-Trichlorobenzene	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene as a SVOC	3	ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,2-oxybis (1-chloropropane)	5	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,5-Trichlorophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,6-Trichlorophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol	2 *			< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dimethylphenol	2 *	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dinitrophenol	2 *	ug/l		< 5 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrotoluene	5	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,6-Dinitrotoluene	5	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Chloronaphthalene	10	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Methylnaphthalene		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	**2.5**	< 1
2-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitrophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
3,3-Dichlorobenzidine	5	ug/l		< 1 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4,6-Dinitro-2-methylphenol		ug/l		< 4 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
4-Bromophenyl Phenyl Ether		ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-chloro-3-methylphenol		ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chloroaniline	5	ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chlorophenyl Phenyl Ether		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Methylphenol (m/p-cresol)		ug/l		< 0.3 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitrophenol		ug/l		< 2 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Acenaphthene	20	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Acenaphthylene		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Anthracene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-113							
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Benzo(a)anthracene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(a)pyrene	ND	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(b)fluoranthene	0.002	ug/l		< 2 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(ghi)perylene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(k)fluoranthene	0.002	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzyl Alcohol		ug/l		< 1 U						---	---
bis(2-Chloroethoxy)methane	5	ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Ethylhexyl)phthalate	5	ug/l		< 1 U	**12**	**6.3**	1	< 1	< 1	**5.7**	**1.7**
Butyl benzyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Carbazole		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Chrysene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzo(a,h)anthracene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzofuran		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Diethyl phthalate	50	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dimethyl Phthalate	50	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-butyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	**1.1**
Di-n-octyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluoranthene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluorene	50	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobenzene	0.04	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	0.5	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorocyclopentadiene	5	ug/l		< 2 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Indeno(1,2,3-cd)pyrene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Isophorone	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	10	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene	0.4	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
n-Nitroso-di-n-propylamine		ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
N-Nitrosodiphenylamine	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pentachlorophenol	2 *	ug/l		< 5 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Phenanthrene	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pyrene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
Pelham Bay Landfill Annual Report
March 2009 thru December 2009
Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-114								
			Aug-02	May-06	Nov-06	Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
SVOC											
1,2,4-Trichlorobenzene	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene as a SVOC	3	ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,2-oxybis (1-chloropropane)	5	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,5-Trichlorophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,6-Trichlorophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol	2 *			< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dimethylphenol	2 *	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dinitrophenol	2 *	ug/l		< 5 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrotoluene	5	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,6-Dinitrotoluene	5	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Chloronaphthalene	10	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Methylnaphthalene		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitrophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
3,3-Dichlorobenzidine	5	ug/l		< 1 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4,6-Dinitro-2-methylphenol		ug/l		< 4 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
4-Bromophenyl Phenyl Ether		ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-chloro-3-methylphenol		ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chloroaniline	5	ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chlorophenyl Phenyl Ether		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Methylphenol (m/p-cresol)		ug/l		< 0.3 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitrophenol		ug/l		< 2 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Acenaphthene	20	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Acenaphthylene		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Anthracene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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March 2009 thru December 2009
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-114								
			Aug-02	May-06	Nov-06	Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Benzo(a)anthracene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(a)pyrene	ND	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(b)fluoranthene	0.002	ug/l		< 2 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(ghi)perylene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(k)fluoranthene	0.002	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzyl Alcohol		ug/l		< 1 U						---	---
bis(2-Chloroethoxy)methane	5	ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Ethylhexyl)phthalate	5	ug/l		< 1 U	2.5	3.4	1.6	30	< 1	3.7	1.1
Butyl benzyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Carbazole		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Chrysene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzo(a,h)anthracene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzofuran		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Diethyl phthalate	50	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dimethyl Phthalate	50	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-butyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-octyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluoranthene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluorene	50	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobenzene	0.04	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	0.5	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorocyclopentadiene	5	ug/l		< 2 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Indeno(1,2,3-cd)pyrene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Isophorone	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	10	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene	0.4	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
n-Nitroso-di-n-propylamine		ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
N-Nitrosodiphenylamine	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pentachlorophenol	2 *	ug/l		< 5 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Phenanthrene	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pyrene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-119							
			Aug-02	May-06	Nov-06	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
SVOC											
1,2,4-Trichlorobenzene	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a SVOC	3	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene as a SVOC	3	ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,2-oxybis (1-chloropropane)	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,5-Trichlorophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,6-Trichlorophenol	2 *	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol	2 *			< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dimethylphenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dinitrophenol	2 *	ug/l		< 6 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrotoluene	5	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,6-Dinitrotoluene	5	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Chloronaphthalene	10	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Methylnaphthalene		ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitrophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
3,3-Dichlorobenzidine	5	ug/l		< 1 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4,6-Dinitro-2-methylphenol		ug/l		< 5 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
4-Bromophenyl Phenyl Ether		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-chloro-3-methylphenol		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chloroaniline	5	ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chlorophenyl Phenyl Ether		ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Methylphenol (m/p-cresol)		ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitrophenol		ug/l		< 2 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Acenaphthene	20	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Acenaphthylene		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Anthracene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
Pelham Bay Landfill Annual Report
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-119								
			Aug-02	May-06	Nov-06	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
Benzo(a)anthracene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(a)pyrene	ND	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(b)fluoranthene	0.002	ug/l		< 2 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(ghi)perylene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(k)fluoranthene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzyl Alcohol		ug/l		< 1 U						---	---
bis(2-Chloroethoxy)methane	5	ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Ethylhexyl)phthalate	5	ug/l		< 1 U	< 2	2.1	1.3	**21**	< 1	**9.6**	**1.9**
Butyl benzyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Carbazole		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Chrysene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzo(a,h)anthracene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzofuran		ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Diethyl phthalate	50	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dimethyl Phthalate	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-butyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	**1.5**	**1.1**
Di-n-octyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluoranthene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluorene	50	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobenzene	0.04	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	0.5	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorocyclopentadiene	5	ug/l		< 2 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Indeno(1,2,3-cd)pyrene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Isophorone	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	10	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene	0.4	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
n-Nitroso-di-n-propylamine		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
N-Nitrosodiphenylamine	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pentachlorophenol	2 *	ug/l		< 5 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Phenanthrene	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pyrene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-120								
			Aug-02	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
SVOC											
1,2,4-Trichlorobenzene	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a SVOC	3	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a SVOC	3	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene as a SVOC	3	ug/l	4 J	< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,2-oxybis (1-chloropropane)	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,5-Trichlorophenol	2 *	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,6-Trichlorophenol	2 *	ug/l		< 4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol	2 *			< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dimethylphenol	2 *	ug/l	68	< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dinitrophenol	2 *	ug/l		< 0.4 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrotoluene	5	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,6-Dinitrotoluene	5	ug/l		< 0.3 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Chloronaphthalene	10	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Methylnaphthalene		ug/l		< 2 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitroaniline	5	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitrophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
3,3-Dichlorobenzidine	5	ug/l		< 1 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4,6-Dinitro-2-methylphenol		ug/l		< 1 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
4-Bromophenyl Phenyl Ether		ug/l		< 2 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-chloro-3-methylphenol		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chloroaniline	5	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chlorophenyl Phenyl Ether		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Methylphenol (m/p-cresol)		ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitrophenol		ug/l		< 1 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Acenaphthene	20	ug/l	4 J	< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Acenaphthylene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Anthracene	50	ug/l	4 J	< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
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SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-120								
			Aug-02	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Benzo(a)anthracene	0.002	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(a)pyrene	ND	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(b)fluoranthene	0.002	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(ghi)perylene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(k)fluoranthene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzyl Alcohol		ug/l		< 1 U						---	---
bis(2-Chloroethoxy)methane	5	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Ethylhexyl)phthalate	5	ug/l	6 J	< 1 U	< 2	3	< 1	< 1	< 1	**10**	**3.4**
Butyl benzyl phthalate	50	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Carbazole		ug/l		< 2 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Chrysene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzo(a,h)anthracene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzofuran		ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Diethyl phthalate	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dimethyl Phthalate	50	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-butyl phthalate	50	ug/l		< 0.7 U	< 2	< 1	1	< 1	< 1	**1.6**	**1.6**
Di-n-octyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluoranthene	50	ug/l	3 J	< 5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluorene	50	ug/l	3 J	< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobenzene	0.04	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	0.5	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorocyclopentadiene	5	ug/l			< 20	< 10	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	5	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Indeno(1,2,3-cd)pyrene	0.002	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Isophorone	50	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	10	ug/l	3 J		< 2	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene	0.4	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
n-Nitroso-di-n-propylamine		ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
N-Nitrosodiphenylamine	50	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pentachlorophenol	2 *	ug/l			< 20	< 10	< 10	< 10	< 10	< 10	< 10
Phenanthrene	50	ug/l	35		< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pyrene	50	ug/l	4 J		< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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March 2009 thru December 2009
Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-120B								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
SVOC											
1,2,4-Trichlorobenzene	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene as a SVOC	3	ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,2-oxybis (1-chloropropane)	5	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,5-Trichlorophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4,6-Trichlorophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol	2 *			< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dimethylphenol	2 *	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dinitrophenol	2 *	ug/l		< 5 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrotoluene	5	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2,6-Dinitrotoluene	5	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Chloronaphthalene	10	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Methylnaphthalene		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitrophenol	2 *	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
3,3-Dichlorobenzidine	5	ug/l		< 1 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	5	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4,6-Dinitro-2-methylphenol		ug/l		< 4 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
4-Bromophenyl Phenyl Ether		ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-chloro-3-methylphenol		ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chloroaniline	5	ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Chlorophenyl Phenyl Ether		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Methylphenol (m/p-cresol)		ug/l		< 0.3 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitroaniline	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitrophenol		ug/l		< 2 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Acenaphthene	20	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Acenaphthylene		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Anthracene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-120B								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Benzo(a)anthracene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(a)pyrene	ND	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(b)fluoranthene	0.002	ug/l		< 2 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(ghi)perylene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzo(k)fluoranthene	0.002	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Benzyl Alcohol		ug/l		< 1 U						---	---
bis(2-Chloroethoxy)methane	5	ug/l		< 0.5 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Ethylhexyl)phthalate	5	ug/l	2 J	< 1 U	2.7	**5.5**	< 1	< 1	1.7	**4.8**	**3.9**
Butyl benzyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Carbazole		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Chrysene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzo(a,h)anthracene		ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibenzofuran		ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Diethyl phthalate	50	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dimethyl Phthalate	50	ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Di-n-butyl phthalate	50	ug/l		< 1 U	< 2	< 1	1.2	< 1	< 1	< 1	**2.7**
Di-n-octyl phthalate	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluoranthene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Fluorene	50	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobenzene	0.04	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	0.5	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorocyclopentadiene	5	ug/l		< 2 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	5	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Indeno(1,2,3-cd)pyrene	0.002	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Isophorone	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	10	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene	0.4	ug/l		< 0.8 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
n-Nitroso-di-n-propylamine		ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
N-Nitrosodiphenylamine	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pentachlorophenol	2 *	ug/l		< 5 U	< 20	< 10	< 10	< 10	< 10	< 10	< 10
Phenanthrene	50	ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Pyrene	50	ug/l		< 1 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-122								
			Aug-02	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
SVOC											
1,2,4-Trichlorobenzene	5	ug/l		< 0.7 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a SVOC	3	ug/l		< 0.7 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a SVOC	3	ug/l		1 J	< 2	< 10	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene as a SVOC	3	ug/l		**5 J**	< 2	< 10	< 1	< 1	< 1	< 1	< 1
2,2-oxybis (1-chloropropane)	5	ug/l		< 0.6 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
2,4,5-Trichlorophenol	2 *	ug/l		< 0.8 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
2,4,6-Trichlorophenol	2 *	ug/l		< 0.8 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol	2 *			< 0.8 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
2,4-Dimethylphenol	2 *	ug/l		< 0.7 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
2,4-Dinitrophenol	2 *	ug/l		< 5 U	< 20	< 100	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrotoluene	5	ug/l		< 0.8 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
2,6-Dinitrotoluene	5	ug/l		< 0.6 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
2-Chloronaphthalene	10	ug/l		< 0.7 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
2-Methylnaphthalene		ug/l		< 0.6 U	< 2	< 10	< 1	< 1	< 1	**1.8**	< 1
2-Nitroaniline	5	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
2-Nitrophenol	2 *	ug/l		< 0.8 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
3,3-Dichlorobenzidine	5	ug/l		< 1 U	< 20	< 100	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	5	ug/l		< 0.7 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
4,6-Dinitro-2-methylphenol		ug/l		< 4 U	< 20	< 100	< 10	< 10	< 10	< 10	< 10
4-Bromophenyl Phenyl Ether		ug/l		< 0.9 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
4-chloro-3-methylphenol		ug/l		< 0.5 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
4-Chloroaniline	5	ug/l		< 0.4 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
4-Chlorophenyl Phenyl Ether		ug/l		< 0.8 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
4-Methylphenol (m/p-cresol)		ug/l		< 0.3 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
4-Nitroaniline	5	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
4-Nitrophenol		ug/l		< 2 U	< 20	< 100	< 10	< 10	< 10	< 10	< 10
Acenaphthene	20	ug/l		3 J	< 2	< 10	1.7	3.9	1.7	**2.4**	< 1
Acenaphthylene		ug/l		< 0.8 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Anthracene	50	ug/l		7 JH	< 2	< 10	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
SVOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-122								
			Aug-02	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Benzo(a)anthracene	0.002	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Benzo(a)pyrene	ND	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Benzo(b)fluoranthene	0.002	ug/l		< 2 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Benzo(ghi)perylene		ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Benzo(k)fluoranthene	0.002	ug/l		< 0.9 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Benzyl Alcohol		ug/l		< 1 U						---	---
bis(2-Chloroethoxy)methane	5	ug/l		< 0.5 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
bis(2-Ethylhexyl)phthalate	5	ug/l		< 1 U	3.3	< 10	< 1	< 1	< 1	**4.9**	**3.4**
Butyl benzyl phthalate	50	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Carbazole		ug/l		3 J	< 2	< 10	< 1	2.3	< 1	< 1	< 1
Chrysene	0.002	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Dibenzo(a,h)anthracene		ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Dibenzofuran		ug/l		< 0.8 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Diethyl phthalate	50	ug/l		< 0.8 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Dimethyl Phthalate	50	ug/l		< 0.6 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Di-n-butyl phthalate	50	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Di-n-octyl phthalate	50	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Fluoranthene	50	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Fluorene	50	ug/l		< 0.8 UH	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Hexachlorobenzene	0.04	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene	0.5	ug/l		< 0.8 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Hexachlorocyclopentadiene	5	ug/l		< 2 U	< 20	< 100	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	5	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Indeno(1,2,3-cd)pyrene	0.002	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Isophorone	50	ug/l		< 0.7 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Naphthalene	10	ug/l		0.9 J	< 2	< 10	< 1	1.3	< 1	< 1	< 1
Nitrobenzene	0.4	ug/l		< 0.8 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
n-Nitroso-di-n-propylamine		ug/l		< 0.7 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
N-Nitrosodiphenylamine	50	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Pentachlorophenol	2 *	ug/l		< 5 U	< 20	< 100	< 10	< 10	< 10	< 10	< 10
Phenanthrene	50	ug/l		< 0.7 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Pyrene	50	ug/l		< 1 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
VOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-104								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
VOC											
1,1,1-Trichloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
1,1,2,2-Tetrachloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
1,1,2-Trichloroethane	1	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
1,1-Dichloroethane	5	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
1,1-Dichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
1,2-Dichlorobenzene as a VOC	3	ug/l								---	---
1,2-Dichloroethane	0.6	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
1,2-Dichloroethene (total)	5 **				< 2	< 2	< 2	< 2	< 10	< 2	< 2
1,2-Dichloropropane	1	ug/l		< 0.9 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
1,3-Dichlorobenzene as a VOC	3	ug/l								---	---
1,4-Dichlorobenzene as a VOC	3	ug/l								---	---
2-Butanone (MEK)	50	ug/l		< 1.2 U	< 10	< 10	< 10	< 10	< 50	< 10	< 10
2-Chloroethylvinylether		ug/l								---	---
2-Chlorophenol		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Hexanone	50	ug/l		< 0.8 U	< 10	< 10	< 10	< 10	< 50	< 10	< 10
2-Methylphenol (o-cresol)		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-methyl-2-pentanone (MIBK)		ug/l		< 0.7 U	< 10	< 10	< 10	< 10	< 50	< 10	< 10
Acetone	50	ug/l		2.5 J	< 10	< 10	< 10	< 10	< 50	< 10	< 10
Benzene	1	ug/l	**2 J**	< 0.4 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Bis(2-chloroethyl)ether	1	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	50	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Bromoform	50	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Bromomethane	5	ug/l		< 1.2 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Carbon Disulfide	60	ug/l	1 J	4.2 J	4	3	1	1	< 5	< 1	< 1
Carbon Tetrachloride	5	ug/l		< 1 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1

Table 5B
Groundwater Monitoring Wells
VOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-104								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Chlorobenzene	5	ug/l	7	< 0.4 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Chloroethane	5	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Chloroform	7	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Chloromethane	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
cis-1,2-Dichloroethene	5	ug/l		< 0.6 U						---	---
cis-1,3-Dichloropropene		ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Dibromochloromethane	50	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Ethylbenzene	5	ug/l		< 1 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
m + p Xylene	5 ***	ug/l			< 2	< 2	< 2	< 2	< 10	< 2	< 2
Methylene Chloride	5	ug/l	BJR#	< 0.4 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
o Xylene	5	ug/l			< 1	< 1	< 1	< 1	< 5	< 1	< 1
Phenol	2 *	ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Silanol, trimethyl		ug/l								---	---
Styrene	930	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Tetrachloroethene	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Toluene	5	ug/l		< 0.3 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
trans-1,2-Dichloroethene	5	ug/l		< 0.5 U						---	---
trans-1,3-Dichloropropene		ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Trichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Vinyl Acetate		ug/l								---	---
Vinyl Chloride	2	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 5	< 1	< 1
Xylenes (Total)	5 ***	ug/l		< 1 U	< 3	< 3	< 3	< 3	< 15	< 3	< 3

Table 5B
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VOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-106					
			Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
VOC								
1,1,1-Trichloroethane	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
1,1,2,2-Tetrachloroethane	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
1,1,2-Trichloroethane	1	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
1,1-Dichloroethane	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
1,1-Dichloroethene	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
1,2-Dichlorobenzene as a VOC	3	ug/l					---	---
1,2-Dichloroethane	0.6	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
1,2-Dichloroethene (total)	5 **		< 2	< 2	< 2	< 10	< 2	< 2
1,2-Dichloropropane	1	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
1,3-Dichlorobenzene as a VOC	3	ug/l					---	---
1,4-Dichlorobenzene as a VOC	3	ug/l					---	---
2-Butanone (MEK)	50	ug/l	< 10	< 10	< 10	< 50	< 10	< 10
2-Chloroethylvinylether		ug/l					---	---
2-Chlorophenol		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
2-Hexanone	50	ug/l	< 10	< 10	< 10	< 50	< 10	< 10
2-Methylphenol (o-cresol)		ug/l	< 1	< 1	< 1	< 1	< 1	< 1
4-methyl-2-pentanone (MIBK)		ug/l	< 10	< 10	< 10	< 50	< 10	< 10
Acetone	50	ug/l	< 10	< 10	< 10	< 50	< 10	< 10
Benzene	1	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Bis(2-chloroethyl)ether	1	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	50	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Bromoform	50	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Bromomethane	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Carbon Disulfide	60	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Carbon Tetrachloride	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1

Table 5B
Groundwater Monitoring Wells
VOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-106					
			Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Chlorobenzene	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Chloroethane	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Chloroform	7	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Chloromethane	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
cis-1,2-Dichloroethene	5	ug/l					---	---
cis-1,3-Dichloropropene		ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Dibromochloromethane	50	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Ethylbenzene	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
m + p Xylene	5 ***	ug/l	< 2	< 2	< 2	< 10	< 2	< 2
Methylene Chloride	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
o Xylene	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Phenol	2 *	ug/l	< 1	< 1	< 1	< 1	< 1	< 1
Silanol, trimethyl		ug/l					---	---
Styrene	930	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Tetrachloroethene	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Toluene	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
trans-1,2-Dichloroethene	5	ug/l					---	---
trans-1,3-Dichloropropene		ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Trichloroethene	5	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Vinyl Acetate		ug/l					---	---
Vinyl Chloride	2	ug/l	< 1	< 1	< 1	< 5	< 1	< 1
Xylenes (Total)	5 ***	ug/l	< 3	< 3	< 3	< 15	< 3	< 3

Table 5B
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VOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-109								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-28	Apr-09	Oct-09
VOC											
1,1,1-Trichloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	1	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	5	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a VOC	3	ug/l								---	---
1,2-Dichloroethane	0.6	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethene (total)	5 **				< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	1	ug/l		< 0.9 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a VOC	3	ug/l								---	---
1,4-Dichlorobenzene as a VOC	3	ug/l								---	---
2-Butanone (MEK)	50	ug/l		< 1.2 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chloroethylvinylether		ug/l								---	---
2-Chlorophenol		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Hexanone	50	ug/l		< 0.8 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Methylphenol (o-cresol)		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-methyl-2-pentanone (MIBK)		ug/l		< 0.7 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	50	ug/l		1.5 J	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	1	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bis(2-chloroethyl)ether	1	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	50	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	50	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	5	ug/l		< 1.2 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	60	ug/l		< 0.9 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Tetrachloride	5	ug/l		< 1 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
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VOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-109								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-28	Apr-09	Oct-09
Chlorobenzene	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroethane	5	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	7	ug/l	2 J	< 0.7 U	< 1	7	< 1	< 1	< 1	< 1	< 1
Chloromethane	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	5	ug/l		< 0.6 U						---	---
cis-1,3-Dichloropropene		ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromochloromethane	50	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	5	ug/l		< 1 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m + p Xylene	5 ***	ug/l			< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methylene Chloride	5	ug/l	BJR#	< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
o Xylene	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Phenol	2 *	ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Silanol, trimethyl		ug/l								---	---
Styrene	930	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5	ug/l		< 0.3 U	< 1	< 1	< 1	< 1	1	< 1	< 1
trans-1,2-Dichloroethene	5	ug/l		< 0.5 U						---	---
trans-1,3-Dichloropropene		ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl Acetate		ug/l								---	---
Vinyl Chloride	2	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylenes (Total)	5 ***	ug/l		< 1 U	< 3	< 3	< 3	< 3	< 3	< 3	< 3

Table 5B
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-110								
			Jul-92	May-06	Nov-06	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
VOC				well dry no sample obtained							
1,1,1-Trichloroethane	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	1	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethene	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a VOC	3	ug/l								---	---
1,2-Dichloroethane	0.6	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethene (total)	5 **				< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	1	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a VOC	3	ug/l								---	---
1,4-Dichlorobenzene as a VOC	3	ug/l								---	---
2-Butanone (MEK)	50	ug/l			< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chloroethylvinylether		ug/l								---	---
2-Chlorophenol		ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Hexanone	50	ug/l			< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Methylphenol (o-cresol)		ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-methyl-2-pentanone (MIBK)		ug/l			< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	50	ug/l			< 10	13	< 10	< 10	< 10	< 10	< 10
Benzene	1	ug/l	JBR#		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bis(2-chloroethyl)ether	1	ug/l			< 2	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	50	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	50	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	60	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Tetrachloride	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-110								
			Jul-92	May-06	Nov-06	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
Chlorobenzene	5	ug/l	5	e	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroethane	5	ug/l		l	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	7	ug/l		i	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloromethane	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	5	ug/l		d						---	---
cis-1,3-Dichloropropene		ug/l		r	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromochloromethane	50	ug/l		y	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
m + p Xylene	5 ***	ug/l		n	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methylene Chloride	5	ug/l		o	< 1	< 1	< 1	< 1	< 1	< 1	< 1
o Xylene	5	ug/l		s	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Phenol	2 *	ug/l		a	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Silanol, trimethyl		ug/l		m						---	---
Styrene	930	ug/l		p	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	5	ug/l		l	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5	ug/l		e	< 1	< 1	< 1	< 1	2	< 1	< 1
trans-1,2-Dichloroethene	5	ug/l		o						---	---
trans-1,3-Dichloropropene		ug/l		b	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	5	ug/l		t	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl Acetate		ug/l		a						---	---
Vinyl Chloride	2	ug/l		i	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylenes (Total)	5 ***	ug/l		n	< 3	< 3	< 3	< 3	< 3	< 3	< 3
				e							

Table 5B
Groundwater Monitoring Wells
VOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-113								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
VOC											
1,1,1-Trichloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	1	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	5	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a VOC	3	ug/l								---	---
1,2-Dichloroethane	0.6	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethene (total)	5 **				< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	1	ug/l		< 0.9 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a VOC	3	ug/l								---	---
1,4-Dichlorobenzene as a VOC	3	ug/l								---	---
2-Butanone (MEK)	50	ug/l		< 1.2 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chloroethylvinylether		ug/l								---	---
2-Chlorophenol		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Hexanone	50	ug/l		< 0.8 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Methylphenol (o-cresol)		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-methyl-2-pentanone (MIBK)		ug/l		< 0.7 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	50	ug/l		4.4 J	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	1	ug/l	1 J	< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bis(2-chloroethyl)ether	1	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	50	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	50	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	5	ug/l		< 1.2 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	60	ug/l		< 0.9 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Tetrachloride	5	ug/l		< 1 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-113								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Chlorobenzene	5	ug/l	19	< 0.4 U	1	1	< 1	< 1	< 1	< 1	< 1
Chloroethane	5	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	7	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloromethane	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	5	ug/l		< 0.6 U						---	---
cis-1,3-Dichloropropene		ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromochloromethane	50	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	5	ug/l		< 1 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m + p Xylene	5 ***	ug/l			< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methylene Chloride	5	ug/l	BJR#	< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
o Xylene	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Phenol	2 *	ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Silanol, trimethyl		ug/l								---	---
Styrene	930	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5	ug/l		< 0.3 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	5	ug/l		< 0.5 U						---	---
trans-1,3-Dichloropropene		ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl Acetate		ug/l								---	---
Vinyl Chloride	2	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylenes (Total)	5 ***	ug/l		< 1 U	< 3	< 3	< 3	< 3	< 3	< 3	< 3

Table 5B
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VOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-114								
			Jul-02	May-06	Nov-06	Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
VOC											
1,1,1-Trichloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	1	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	5	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a VOC	3	ug/l								---	---
1,2-Dichloroethane	0.6	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethene (total)	5 **				< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	1	ug/l		< 0.9 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a VOC	3	ug/l								---	---
1,4-Dichlorobenzene as a VOC	3	ug/l								---	---
2-Butanone (MEK)	50	ug/l		< 1.2 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chloroethylvinylether		ug/l								---	---
2-Chlorophenol		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Hexanone	50	ug/l		< 0.8 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Methylphenol (o-cresol)		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-methyl-2-pentanone (MIBK)		ug/l		< 0.7 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	50	ug/l		2.1 J	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	1	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bis(2-chloroethyl)ether	1	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	50	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	50	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	5	ug/l		< 1.2 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	60	ug/l		< 0.9 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Tetrachloride	5	ug/l		< 1 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
Groundwater Monitoring Wells
VOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-114								
			Jul-02	May-06	Nov-06	Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Chlorobenzene	5	ug/l	14	< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroethane	5	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	7	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloromethane	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	5	ug/l		< 0.6 U						---	---
cis-1,3-Dichloropropene		ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromochloromethane	50	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	5	ug/l		< 1 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m + p Xylene	5 ***	ug/l			< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methylene Chloride	5	ug/l	BJR#	< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
o Xylene	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Phenol	2 *	ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Silanol, trimethyl		ug/l								---	---
Styrene	930	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5	ug/l		< 0.3 U	< 1	< 1	< 1	< 1	1	< 1	< 1
trans-1,2-Dichloroethene	5	ug/l		< 0.5 U						---	---
trans-1,3-Dichloropropene		ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl Acetate		ug/l								---	---
Vinyl Chloride	2	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylenes (Total)	5 ***	ug/l		< 1 U	< 3	< 3	< 3	< 3	< 3	< 3	< 3

Table 5B
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-119								
			Aug-02	May-06	Nov-06	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
VOC											
1,1,1-Trichloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	1	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	5	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene as a VOC	3	ug/l								---	---
1,2-Dichloroethane	0.6	ug/l		< 0.6 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethene (total)	5 **				< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	1	ug/l		< 0.9 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene as a VOC	3	ug/l								---	---
1,4-Dichlorobenzene as a VOC	3	ug/l								---	---
2-Butanone (MEK)	50	ug/l		< 1.2 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chloroethylvinylether		ug/l								---	---
2-Chlorophenol		ug/l		< 0.7 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Hexanone	50	ug/l		< 0.8 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Methylphenol (o-cresol)		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-methyl-2-pentanone (MIBK)		ug/l		< 0.7 U	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	50	ug/l		1.8 J	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	1	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bis(2-chloroethyl)ether	1	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	50	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	50	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	5	ug/l		< 1.2 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	60	ug/l		< 0.9 U	< 1	1	< 1	< 1	< 1	< 1	< 1
Carbon Tetrachloride	5	ug/l		< 1 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 5B
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VOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-119								
			Aug-02	May-06	Nov-06	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
Chlorobenzene	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroethane	5	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	7	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloromethane	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	5	ug/l		< 0.6 U						---	---
cis-1,3-Dichloropropene		ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromochloromethane	50	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	5	ug/l		< 1 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m + p Xylene	5 ***	ug/l			< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methylene Chloride	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
o Xylene	5	ug/l			< 1	< 1	< 1	< 1	< 1	< 1	< 1
Phenol	2 *	ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Silanol, trimethyl		ug/l								---	---
Styrene	930	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5	ug/l		0.31 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	5	ug/l		< 0.5 U						---	---
trans-1,3-Dichloropropene		ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl Acetate		ug/l								---	---
Vinyl Chloride	2	ug/l		< 0.8 U	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylenes (Total)	5 ***	ug/l		< 1 U	< 3	< 3	< 3	< 3	< 3	< 3	< 3

Table 5B
Groundwater Monitoring Wells
VOC Data Comparison
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-120								
			Aug-02	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
VOC											
1,1,1-Trichloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,1,2-Trichloroethane	1	ug/l		< 0.6 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,1-Dichloroethane	5	ug/l		< 0.6 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,1-Dichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,2-Dichlorobenzene as a VOC	3	ug/l								---	---
1,2-Dichloroethane	0.6	ug/l		< 0.6 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,2-Dichloroethene (total)	5 **		1 J		< 2	< 2	< 2	< 10	< 2	< 2	< 2
1,2-Dichloropropane	1	ug/l		< 0.9 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,3-Dichlorobenzene as a VOC	3	ug/l								---	---
1,4-Dichlorobenzene as a VOC	3	ug/l								---	---
2-Butanone (MEK)	50	ug/l		2.3 J	< 10	< 10	< 10	< 50	< 10	< 10	< 10
2-Chloroethylvinylether		ug/l								---	---
2-Chlorophenol		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Hexanone	50	ug/l		< 0.8 U	< 10	< 10	< 10	< 50	< 10	< 10	< 10
2-Methylphenol (o-cresol)		ug/l	51	< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-methyl-2-pentanone (MIBK)		ug/l		< 0.7 U	< 10	< 10	< 10	< 50	< 10	< 10	< 10
Acetone	50	ug/l	JR#	21 B	< 10	< 10	< 10	< 50	< 10	< 10	< 10
Benzene	1	ug/l	**3 J**	< 0.4 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Bis(2-chloroethyl)ether	1	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	50	ug/l		< 0.4 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Bromoform	50	ug/l		< 0.8 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Bromomethane	5	ug/l		< 1.2 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Carbon Disulfide	60	ug/l		< 0.9 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Carbon Tetrachloride	5	ug/l		< 1 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1

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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-120								
			Aug-02	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Chlorobenzene	5	ug/l	12	< 0.4 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Chloroethane	5	ug/l		< 0.8 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Chloroform	7	ug/l		< 0.7 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Chloromethane	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
cis-1,2-Dichloroethene	5	ug/l		< 0.6 U						---	---
cis-1,3-Dichloropropene		ug/l		< 0.5 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Dibromochloromethane	50	ug/l		< 0.5 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Ethylbenzene	5	ug/l	5	< 1 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
m + p Xylene	5 ***	ug/l			< 2	< 2	< 2	< 10	< 2	< 2	< 2
Methylene Chloride	5	ug/l	BJR#	< 0.4 UB	< 1	< 1	< 1	< 5	< 1	< 1	< 1
o Xylene	5	ug/l			< 1	< 1	< 1	< 5	< 1	< 1	< 1
Phenol	2 *	ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Silanol, trimethyl		ug/l								---	---
Styrene	930	ug/l		< 0.5 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Tetrachloroethene	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Toluene	5	ug/l	8	< 0.3 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
trans-1,2-Dichloroethene	5	ug/l		< 0.5 U						---	---
trans-1,3-Dichloropropene		ug/l		< 0.8 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Trichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Vinyl Acetate		ug/l								---	---
Vinyl Chloride	2	ug/l		< 0.8 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Xylenes (Total)	5 ***	ug/l	9	< 1 U	< 3	< 3	< 3	< 15	< 3	< 3	< 3

Table 5B
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-120B							
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
VOC											
1,1,1-Trichloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,1,2-Trichloroethane	1	ug/l		< 0.6 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,1-Dichloroethane	5	ug/l		< 0.6 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,1-Dichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,2-Dichlorobenzene as a VOC	3	ug/l								---	---
1,2-Dichloroethane	0.6	ug/l		< 0.6 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,2-Dichloroethene (total)	5 **				< 2	< 2	< 2	< 10	< 2	< 2	< 2
1,2-Dichloropropane	1	ug/l		< 0.9 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
1,3-Dichlorobenzene as a VOC	3	ug/l								---	---
1,4-Dichlorobenzene as a VOC	3	ug/l								---	---
2-Butanone (MEK)	50	ug/l		< 1.2 U	< 10	< 10	< 10	< 50	< 10	< 10	< 10
2-Chloroethylvinylether		ug/l								---	---
2-Chlorophenol		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
2-Hexanone	50	ug/l		< 0.8 U	< 10	< 10	< 10	< 50	< 10	< 10	< 10
2-Methylphenol (o-cresol)		ug/l		< 0.6 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
4-methyl-2-pentanone (MIBK)		ug/l		< 0.7 U	< 10	< 10	< 10	< 50	< 10	< 10	< 10
Acetone	50	ug/l		5.1 JB	< 10	< 10	< 10	< 50	< 10	< 10	< 10
Benzene	1	ug/l		< 0.4 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Bis(2-chloroethyl)ether	1	ug/l		< 0.9 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	50	ug/l		< 0.4 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Bromoform	50	ug/l		< 0.8 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Bromomethane	5	ug/l		< 1.2 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Carbon Disulfide	60	ug/l		1.2 J	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Carbon Tetrachloride	5	ug/l		< 1 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1

Table 5B
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Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-120B								
			Jul-92	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Chlorobenzene	5	ug/l		< 0.4 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Chloroethane	5	ug/l		< 0.8 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Chloroform	7	ug/l		< 0.7 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Chloromethane	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
cis-1,2-Dichloroethene	5	ug/l		< 0.6 U						---	---
cis-1,3-Dichloropropene		ug/l		< 0.5 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Dibromochloromethane	50	ug/l		< 0.5 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Ethylbenzene	5	ug/l		< 1 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
m + p Xylene	5 ***	ug/l			< 2	< 2	< 2	< 10	< 2	< 2	< 2
Methylene Chloride	5	ug/l	BJR#	< 0.4 UB	< 1	< 1	< 1	< 5	< 1	< 1	< 1
o Xylene	5	ug/l			< 1	< 1	< 1	< 5	< 1	< 1	< 1
Phenol	2 *	ug/l		< 0.4 U	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Silanol, trimethyl		ug/l								---	---
Styrene	930	ug/l		< 0.5 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Tetrachloroethene	5	ug/l		< 0.5 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Toluene	5	ug/l		< 0.3 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
trans-1,2-Dichloroethene	5	ug/l		< 0.5 U						---	---
trans-1,3-Dichloropropene		ug/l		< 0.8 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Trichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Vinyl Acetate		ug/l								---	---
Vinyl Chloride	2	ug/l		< 0.8 U	< 1	< 1	< 1	< 5	< 1	< 1	< 1
Xylenes (Total)	5 ***	ug/l		< 1 U	< 3	< 3	< 3	< 15	< 3	< 3	< 3

Table 5B
Groundwater Monitoring Wells
VOC Data Comparison
PelhamBay Landfill Annual Report
March 2008 thru December 2009
Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-122								
			Aug-02	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
VOC											
1,1,1-Trichloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	5	ug/l		< 0.4 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	1	ug/l		< 0.6 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
1,1-Dichloroethane	5	ug/l		< 0.6 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
1,1-Dichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene as a VOC	3	ug/l								---	---
1,2-Dichloroethane	0.6	ug/l		< 0.6 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
1,2-Dichloroethene (total)	5 **				< 2	< 2	< 20	< 10	< 10	< 10	< 10
1,2-Dichloropropane	1	ug/l		< 0.9 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
1,3-Dichlorobenzene as a VOC	3	ug/l								---	---
1,4-Dichlorobenzene as a VOC	3	ug/l								---	---
2-Butanone (MEK)	50	ug/l		2.4 J	< 10	< 10	< 100	< 50	< 50	< 50	< 50
2-Chloroethylvinylether		ug/l								---	---
2-Chlorophenol		ug/l		< 0.6 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
2-Hexanone	50	ug/l		< 0.8 U	< 10	< 10	< 100	< 50	< 50	< 50	< 50
2-Methylphenol (o-cresol)		ug/l		< 0.6 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
4-methyl-2-pentanone (MIBK)		ug/l		< 0.7 U	< 10	< 10	< 100	< 50	< 50	< 50	< 50
Acetone	50	ug/l	**116 J**	15 B	< 10	13	< 100	< 50	< 50	< 50	< 50
Benzene	1	ug/l	**4 J**	**5.7**	**6**	**5**	< 10	**6**	**6**	**6**	**7**
Bis(2-chloroethyl)ether	1	ug/l		< 0.9 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	50	ug/l		< 0.4 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Bromoform	50	ug/l		< 0.8 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Bromomethane	5	ug/l		< 1.2 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Carbon Disulfide	60	ug/l		< 0.9 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Carbon Tetrachloride	5	ug/l		< 1 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5

Table 5B
Groundwater Monitoring Wells
VOC Data Comparison
PelhamBay Landfill Annual Report
March 2008 thru December 2009
Contract 1140-PEL

Compounds of Concern	*NYSDEC Ambient Water Quality Standards and Guidance Values*	Unit	MW-122								
			Aug-02	May-06	Nov-06	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Chlorobenzene	5	ug/l	25	29	26	24	23	26	27	25	23
Chloroethane	5	ug/l		< 0.8 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Chloroform	7	ug/l		< 0.7 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Chloromethane	5	ug/l		< 0.5 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethene	5	ug/l		< 0.6 U						---	---
cis-1,3-Dichloropropene		ug/l		< 0.5 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Dibromochloromethane	50	ug/l		< 0.5 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Ethylbenzene	5	ug/l	5 J	< 1 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
m + p Xylene	5 ***	ug/l			< 2	< 2	< 20	< 10	< 10	< 10	< 10
Methylene Chloride	5	ug/l	BJR#	< 0.4 UB	< 1	< 1	< 10	< 5	< 5	< 5	< 5
o Xylene	5	ug/l			1	1	< 10	< 5	< 5	< 5	< 5
Phenol	2 *	ug/l		< 0.4 U	< 2	< 10	< 1	< 1	< 1	< 1	< 1
Silanol, trimethyl		ug/l								---	---
Styrene	930	ug/l		< 0.5 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Tetrachloroethene	5	ug/l		< 0.5 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Toluene	5	ug/l	1	3.4 J	4	3	< 10	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	5	ug/l		< 0.5 U						---	---
trans-1,3-Dichloropropene		ug/l		< 0.8 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Trichloroethene	5	ug/l		< 0.7 U	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Vinyl Acetate		ug/l								---	---
Vinyl Chloride	2	ug/l		0.81 J	< 1	< 1	< 10	< 5	< 5	< 5	< 5
Xylenes (Total)	5 ***	ug/l		2.6 J	< 3	< 3	< 30	< 15	< 15	< 15	< 15

Table 5B
Groundwater Monitoring Wells
Conventional Data Comparision
Pelham Bay Landfill Annual Report
March 2008 thru December 2009

Chemical Name	Unit	NYS Ambient Groundwater Quality Standards for Class GA Waters	MW 104						
			Jul-92	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Alkalinity as Bicarbonate	mg/L		**2770**	---	---	---	---	---	---
Alkalinity as Carbonate	mg/L		---	---	---	---	---	---	---
Ammonia (NH3), as N	mg/L		**321**	**9**	**29**	**5.6**	**7.2**	**4.8**	**3.4**
Chemical Oxygen Demand (C(	mg/L		**997**	---	---	---	---	---	---
Chloride	mg/L	500	**3720**	**13000**	**3**	**15000**	**16000**	**15000**	**15000**
Nitrate Nitrogen	mg/L	20	< 0.01 U	< 0.5	**1**	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Total Kjeldahl as N (	mg/L		**451 J**	---	---	---	---	---	---
Sulfate	mg/L	500	**356**	**1800**	**1600**	**1600**	**1700**	**1900**	**1600**
Total Dissolved Solids	mg/L		**9230**	**24000**	**25000**	**25000**	**25000**	**27000**	**27000**

Table 5B
Groundwater Monitoring Wells
Conventional Data Comparision
Pelham Bay Landfill Annual Report
March 2008 thru December 2009

Chemical Name	Unit	NYS Ambient Groundwater Quality Standards for Class GA Waters	MW 106						
			Jul-92	Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Alkalinity as Bicarbonate	mg/L		**2040**	---	---	---	---	---	---
Alkalinity as Carbonate	mg/L		---	---	---	---	---	---	---
Ammonia (NH3), as N	mg/L		**148**	**8.4**	**5.6**	**22**	**41**	**24**	**8.2**
Chemical Oxygen Demand (C(	mg/L		**724 J**	---	---	---	---	---	---
Chloride	mg/L	500	**4270 J**	**14000**	**15000**	**19000**	**15000**	**16000**	**16000**
Nitrate Nitrogen	mg/L	20	**0.22**	**4.1**	**7.9**	**3.5**	< 0.5	**1.5**	**1.6**
Nitrogen, Total Kjeldahl as N (	mg/L		**335 J**	---	---	---	---	---	---
Sulfate	mg/L	500	**542**	**1700**	**1900**	**1500**	**1600**	**1800**	**1500**
Total Dissolved Solids	mg/L		**9870 J**	**24000**	**25000**	**24000**	**25000**	**25000**	**26000**

Table 5B
Groundwater Monitoring Wells
Conventional Data Comparision
Pelham Bay Landfill Annual Report
March 2008 thru December 2009

Chemical Name	Unit	NYS Ambient Groundwater Quality Standards for Class GA Waters	MW 109						
			Jul-92	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Alkalinity as Bicarbonate	mg/L		**34**	---	---	---	---	---	---
Alkalinity as Carbonate	mg/L		---	---	---	---	---	---	---
Ammonia (NH3), as N	mg/L		**2.59**	**4.4**	< 0.2	< 0.05	< 0.05	< 0.05	**0.4**
Chemical Oxygen Demand (C	mg/L		< 50 U	---	---	---	---	---	---
Chloride	mg/L	500	**468**	**11**	**8**	**31**	**14**	**9**	**91**
Nitrate Nitrogen	mg/L	20	< 0.01 U	**0.6**	**2.6**	---	**2.8**	**0.9**	< 0.5
Nitrogen, Total Kjeldahl as N (	mg/L		**0.36 J**	---	---	---	---	---	---
Sulfate	mg/L	500	**125**	**47**	**60**	**65**	**50**	**56**	**160**
Total Dissolved Solids	mg/L		**1170**	**640**	**400**	**600**	**410**	**490**	**690**

Table 5B
Groundwater Monitoring Wells
Conventional Data Comparision
Pelham Bay Landfill Annual Report
March 2008 thru December 2009

Chemical Name	Unit	NYS Ambient Groundwater Quality Standards for Class GA Waters	MW 110						
			Jul-92	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
Alkalinity as Bicarbonate	mg/L		**1064**	---	---	---	---	---	---
Alkalinity as Carbonate	mg/L		---	---	---	---	---	---	---
Ammonia (NH3), as N	mg/L		**113**	**9.4**	**6.6**	**12**	**3.2**	**1.8**	**5.4**
Chemical Oxygen Demand (C(	mg/L		**394 J**	---	---	---	---	---	---
Chloride	mg/L	500	**5120**	**12000**	**76000**	**14000**	**15000**	**21000**	**15000**
Nitrate Nitrogen	mg/L	20	**1.61**	< 0.5	---	---	< 0.05	< 0.5	**0.5**
Nitrogen, Total Kjeldahl as N (T	mg/L		**168 J**	---	---	---	---	---	---
Sulfate	mg/L	500	**435**	**4700**	**1600**	**1700**	**1900**	**1700**	**1900**
Total Dissolved Solids	mg/L		**10540**	**21000**	**23000**	**24000**	**25000**	**27000**	**27000**

Table 5B
Groundwater Monitoring Wells
Conventional Data Comparision
Pelham Bay Landfill Annual Report
March 2008 thru December 2009

Chemical Name	Unit	NYS Ambient Groundwater Quality Standards for Class GA Waters	MW 113						
			Jul-92	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Alkalinity as Bicarbonate	mg/L		**1350**	---	---	---	---	---	---
Alkalinity as Carbonate	mg/L		---	---	---	---	---	---	---
Ammonia (NH3), as N	mg/L		**68.5**	**36**	**6**	**30**	**39**	**29**	**30**
Chemical Oxygen Demand (C	mg/L		**181**	---	---	---	---	---	---
Chloride	mg/L	500	**514**	**200**	**130**	**210**	**330**	**190**	**170**
Nitrate Nitrogen	mg/L	20	< 0.01 U	< 0.5	< 0.5	**0.5**	< 0.5	< 0.5	< 0.5
Nitrogen, Total Kjeldahl as N (	mg/L		**156 J**	---	---	---	---	---	---
Sulfate	mg/L	500	**102**	**150**	**110**	**120**	**90**	**110**	**75**
Total Dissolved Solids	mg/L		**1620**	**1100**	**900**	**930**	**990**	**990**	**1000**

Table 5B
Groundwater Monitoring Wells
Conventional Data Comparision
Pelham Bay Landfill Annual Report
March 2008 thru December 2009

Chemical Name	Unit	NYS Ambient Groundwater Quality Standards for Class GA Waters	MW 114						
			Aug-92	Aug-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Alkalinity as Bicarbonate	mg/L		**1990**	---	---	---	---	---	---
Alkalinity as Carbonate	mg/L		---	---	---	---	---	---	---
Ammonia (NH3), as N	mg/L		**233**	**3.8**	**0.6**	< 0.2	< 0.05	**0.4**	**4.8**
Chemical Oxygen Demand (C	mg/L		**509**	---	---	---	---	---	---
Chloride	mg/L	500	**638**	**520**	**46**	**19**	**2000**	**18**	**28**
Nitrate Nitrogen	mg/L	20	< 0.01 U	**2.1**	**0.7**	---	**1**	**0.5**	**0.9**
Nitrogen, Total Kjeldahl as N (	mg/L		**372 J**	---	---	---	---	---	---
Sulfate	mg/L	500	**55**	**130**	**180**	**110**	**120**	**70**	**40**
Total Dissolved Solids	mg/L		**2680**	**800**	**800**	**580**	**540**	**620**	**670**

Table 5B
Groundwater Monitoring Wells
Conventional Data Comparision
Pelham Bay Landfill Annual Report
March 2008 thru December 2009

Chemical Name	Unit	NYS Ambient Groundwater Quality Standards for Class GA Waters	MW 119						
			Aug-92	Jul-07	Feb-08	Mar-08	Sep-08	Apr-09	Oct-09
Alkalinity as Bicarbonate	mg/L		**574**	---	---	---	---	---	---
Alkalinity as Carbonate	mg/L		---	---	---	---	---	---	---
Ammonia (NH3), as N	mg/L		**33.5**	**4.6**	**0.4**	**0.4**	**0.54**	**0.2**	**0.6**
Chemical Oxygen Demand (C	mg/L		**620 J**	---	---	---	---	---	---
Chloride	mg/L	500	**11240**	**14000**	**13000**	**15000**	**20000**	**19000**	**15000**
Nitrate Nitrogen	mg/L	20	**0.23**	< 0.5	---	---	< 0.5	< 0.5	< 0.5
Nitrogen, Total Kjeldahl as N (	mg/L		**52.6**	---	---	---	---	---	---
Sulfate	mg/L	500	**1680**	**1700**	**1900**	**1700**	**2000**	**1900**	**1500**
Total Dissolved Solids	mg/L		**25200**	**23000**	**23000**	**26000**	**25000**	**27000**	**26000**

Table 5B
Groundwater Monitoring Wells
Conventional Data Comparision
Pelham Bay Landfill Annual Report
March 2008 thru December 2009

Chemical Name	Unit	NYS Ambient Groundwater Quality Standards for Class GA Waters	MW 120					
			Aug-92	Jul-07	Dec-07	Sep-08	Apr-09	Oct-09
Alkalinity as Bicarbonate	mg/L		**5050**	---	---	---	---	---
Alkalinity as Carbonate	mg/L		---	---	---	---	---	---
Ammonia (NH3), as N	mg/L		**690**	**2.7**	**9**	**1.8**	**2.8**	**2.4**
Chemical Oxygen Demand (C(	mg/L		**2360**	---	---	---	---	---
Chloride	mg/L	500	**5320**	**13000**	**13000**	**17000**	**15000**	**14000**
Nitrate Nitrogen	mg/L	20	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Total Kjeldahl as N (	mg/L		**1640**	---	---	---	---	---
Sulfate	mg/L	500	**713**	**650**	**600**	**550**	**630**	**700**
Total Dissolved Solids	mg/L		**15200**	**22000**	**22000**	**22000**	**24000**	**23000**

Table 5B
Groundwater Monitoring Wells
Conventional Data Comparision
Pelham Bay Landfill Annual Report
March 2008 thru December 2009

Chemical Name	Unit	NYS Ambient Groundwater Quality Standards for Class GA Waters	MW 120B							
			Aug-92	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Apr-09	Oct-09
Alkalinity as Bicarbonate	mg/L		**724**	---	---	---	---	---	---	---
Alkalinity as Carbonate	mg/L		---	---	---	---	---	---	---	---
Ammonia (NH3), as N	mg/L		**2.74**	**31**	**19**	**33**	**28**	**43**	**42**	**44**
Chemical Oxygen Demand (C(	mg/L		**628 J**	---	---	---	---	---	---	---
Chloride	mg/L	500	**13560**	**14000**	**14000**	**17000**	**20000**	**16000**	**16000**	**14000**
Nitrate Nitrogen	mg/L	20	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Total Kjeldahl as N (T	mg/L		**4.95**	---	---	---	---	---	---	---
Sulfate	mg/L	500	**494**	**1700**	**2000**	**1600**	**1900**	**1600**	**1500**	**1800**
Total Dissolved Solids	mg/L		**28300**	**25000**	**22000**	**24000**	**25000**	**26000**	**26000**	**25000**

Table 5B
Groundwater Monitoring Wells
Conventional Data Comparision
Pelham Bay Landfill Annual Report
March 2008 thru December 2009

Chemical Name	Unit	NYS Ambient Groundwater Quality Standards for Class GA Waters	MW 122						
			Aug-92	Jul-07	Dec-07	Mar-08	Sep-08	Apr-09	Oct-09
Alkalinity as Bicarbonate	mg/L		**1800**	---	---	---	---	---	---
Alkalinity as Carbonate	mg/L		---	---	---	---	---	---	---
Ammonia (NH3), as N	mg/L		**13.6**	**300**	**290**	**300**	**290**	**290**	**250**
Chemical Oxygen Demand (C	mg/L		**805**	---	---	---	---	---	---
Chloride	mg/L	500	**1840**	**2800**	**2700**	**4000**	**2800**	**3100**	**2900**
Nitrate Nitrogen	mg/L	20	---	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrogen, Total Kjeldahl as N (T	mg/L		**35.1**	---	---	---	---	---	---
Sulfate	mg/L	500	**86**	< 25	< 10	< 50	< 25	< 25	< 25
Total Dissolved Solids	mg/L		**5730**	**9300**	**9200**	**11000**	**8500**	**9500**	**930**

Table 5B
Groundwater Monitoring Wells
Analytical Methods, Data Qualifiers and Footnotes

All Concentrations are in ug/l
U: Analyte was not detected at or above the reporting limit
E: indicates an estimated value because of the presence of interference
B: (inorganics)result is less then the CRDL/RL but greater than or equal to the IDL/MDL
N: MS, MSD : Spike recovery exceeds the upper or lower control limits
ND: Compound not detected
B: (organics) Compound was found in blanks
J: (inorganics)result is less then the RL but greater than or equal to the method detection limit.
J: (organics)Result is an estimated value below the reporting limit or a tentatively un-identified compound
IDL: Instrument detection limit
MDL: method detection limit
RL: reporting limit
R: rejected
NS: No standard available
N/A: Not Applicable
* Guidance Value
Concentration detected at levels above the NYSDEC Ambient Water Quality Standards and Guidance Values are shown in bold font.

Analytical Methods	**May-06**	**Nov-06**
VOC	SW846 8260B	EPA 8260
SVOC	SW846 8270C	EPA 8270
PCB	EPA 608	EPA 608
Pesticides	SW846 8081A	EPA 609
Metals	SW846 6010B	EPA 200.7
Mercury	SW846 7470A	EPA 200.8
Cyanide	SM18 4500CNG	EPA 335.3

Tables 5C

Groundwater Elevation Measurements

Groundwater ElevationMeasurements
Pelham Bay Landfill

Date 4/9/2009 **Time** 7:13 Low tide

Measurer John Matthews

Well Number	Top of Well Elevation	Depth to Groundwater (ft)	Groundwater Table Elev.
MW – 104	19.132	18.35	0.782
MW – 106	18.388	18.52	-0.132
MW – 109	23.952	17.4	6.552
MW – 110	20.013	20.4	-0.387
MW – 113	14.442	12.9	1.542
MW – 114	14.66	9.67	4.99
MW – 115	24.807	20.68	4.127
MW – 115B	24.876	20.7	4.176
MW – 117 *	8.077	5.8	2.277
MW – 117B *	Can't locate		Can't locate
MW – 118	19.113	20.85	-1.737
MW – 119	20.421	24.70	-4.279
MW – 120	18.838	22.14	-3.302
MW – 120B	19.296	24.03	-4.734
MW – 121	15.621		well abandonned
MW – 122	17.575	21.08	-3.505
MW – 124 *	Can't locate		Can't locate
MW – 124B *	Can't locate		Can't locate
MW – 126 (PZ-5)	Abandoned		well abandonned
PZ-A	11.951	Flooded	
PZ-B *	14.254	7.69	6.564
PZ-C	11.374	5.50	5.874
PZ-D *	12.411	6.60	5.811
PZ-E	9.545	Flooded	
PZ-F	9.645	6.89	2.755

* MW -117, MW-117B, MW-124, MW-124B, PZ-B & PZ-D
are located outside landfill on Pelham park side

PZ-A, PZ-C, and PZ-E are piezometer wells upstream of slurry wall

PZ-B, PZ-D, and PZ-F are piezometer wells downstream of slurry wall

Groundwater ElevationMeasurements
Pelham Bay Landfill

Date 4/9/2009 Time 13:03 High Tide

GROUNDWATER ELEVATION			
Well Number	Top of Well Elevation	Depth to Groundwater (ft)	Groundwater Table Elev.
MW – 104	19.132	17.25	1.882
MW – 106	18.388	16.90	1.488
MW – 109	23.952	17.36	6.592
MW – 110	20.013	18	2.013
MW – 113	14.442	17.46	-3.018
MW – 114	14.66	9.7	4.96
MW – 115	24.807	20.46	4.347
MW – 115B	24.876	20.53	4.346
MW – 117 *	8.077	5.3	2.777
MW – 117B *	Can't locate		Can't locate
MW – 118	19.113	17.18	1.933
MW – 119	20.421	18.60	1.821
MW – 120	18.838	18.66	0.178
MW – 120B	19.296	18.14	1.156
MW – 121	15.621		well abandonned
MW – 122	17.575	16.72	0.855
MW – 124 *	Can't locate		Can't locate
MW – 124B *	Can't locate		Can't locate
MW – 126 (PZ-5)	abandonned		well abandonned
PZ-A	11.951	flooded	flooded
PZ-B *	14.254	7.75	6.504
PZ-C	11.374	5.43	5.944
PZ-D *	12.411	6.60	5.811
PZ-E	9.545	flooded	flooded
PZ-F	9.645	6.70	2.945

* MW -117, MW-117B, MW-124, MW-124B, PZ-B & PZ-D
are located outside landfill on Pelham park side
PZ-A, PZ-C, and PZ-E are piezometer wells upstream of slurry wall
PZ-B, PZ-D, and PZ-F are piezometer wells downstream of slurry wall

*** ALL ELEVATIONS REFER TO BRONX HIGHWAY DATUM, WHICH IS 2.608 FEET ABOVE MEAN SEA LEVEL AT SANDY HOOK, NEW JERSEY AS ESTABLISHED BY U.S. COAST AND GEODETIC SURVEY.**

GROUNDWATER ELEVATION CALCULATION SHEET
PELHAM BAY LANDFILL, BRONX, NEW YORK

Date 10/7/2009 **Time** 8:12 am low tide

Measurer JM

Well Number	Top of Well Elevation	Depth to Groundwater (ft)	Groundwater Table Elev.
MW – 104	19.132	19.13	0.002
MW – 106	18.388	20.15	-1.762
MW – 109	23.952	20.4	3.552
MW – 110	20.013	20.48	-0.467
MW – 113	14.442	13.84	0.602
MW – 114	14.66	11.8	2.86
MW – 115	24.807	21.5	3.307
MW – 115B	24.876	21.43	3.446
MW – 117 *	8.077	6.5	1.577
MW – 117B *	Can't locate		
MW – 118	19.113	20.78	-1.667
MW – 119	20.421	24.45	-4.029
MW – 120	18.838	24.74	-5.902
MW – 120B	19.296	24.37	-5.074
MW – 121	15.621		
MW – 122	17.575	21.67	-4.095
MW – 124 *	Can't locate		
MW – 124B *	Can't locate		
MW – 126 (PZ-5)	Can't locate		
PZ-A	11.951	flooded	
PZ-B *	14.254	8.15	6.104
PZ-C	11.374	6.47	4.904
PZ-D *	12.411	6.48	5.931
PZ-E	9.545	7.00	2.545
PZ-F	9.645	7.70	1.945

* MW -117, MW-117B, MW-124, MW-124B, PZ-B & PZ-D are located outside landfill on Pelham park side

GROUNDWATER ELEVATION LOG
PELHAM BAY LANDFILL, BRONX, NEW YORK

Date 10/7/2009 Measurer J. Matthews

GROUNDWATER ELEVATION			
Well Number	**Time**	**Elevation (ft) ***	**Comments**
MW – 104	8:39	0.002	
MW – 106	8:27	20.15	
MW – 109	8:48	3.552	
MW – 110	8:21	-0.467	
MW – 113	8:44	0.602	
MW – 114	8:51	2.86	
MW – 115	8:57	3.307	
MW – 115B	8:55	3.446	
MW – 117	9:09	1.577	
MW – 117B		0	cannot locate
MW – 118	8:24	-1.667	
MW – 119	8:29	-4.029	
MW – 120	8:36	-5.902	
MW – 120B	8:33	-5.074	
MW – 121		0.00	abandonned
MW – 122	8:42	-4.095	
MW – 124		0.00	cannot locate
MW – 124B		0.00	cannot locate
MW – 126 (PZ-5)		0.00	cannot locate
PZ-A	8:00	0	
PZ-B	9:02	6.104	
PZ-C	8:05	4.904	
PZ-D	9:05	6.48	
PZ-E	8:11	2.545	
PZ-F	8:14	1.945	

PZ-A, PZ-C, and PZ-E are piezometer wells upstream of slurry wall
PZ-B, PZ-D, and PZ-F are piezometer wells downstream of slurry wall

*** ALL ELEVATIONS REFER TO BRONX HIGHWAY DATUM, WHICH IS 2.608 FEET ABOVE MEAN SEA LEVEL AT SANDY HOOK, NEW JERSEY AS ESTABLISHED BY U.S. COAST AND GEODETIC SURVEY.**

Table 6

Leachate Schedule A Analytical Results

Table 6
Leachate Schedule A Analysis
Pelham Bay Landfill
Annual Report March 2009 through December 2009
NYCDEP Contract 1140-PEL

Compound of Concern	3/4/2009		9/18/2009	
1,1 Dichloroethane	ug/L	< 1	ug/L	< 1
1,1 Dichloroethene	ug/L	< 1	ug/L	< 1
1,2 Dichloroethane	ug/L	< 1	ug/L	< 1
1,2 Dichloroethene	ug/L	< 2	ug/L	< 2
1,2 Dichloropropane	ug/L	< 1	ug/L	< 1
111 Trichloroethane	ug/L	< 1	ug/L	< 1
112 Trichloroethane	ug/L	< 1	ug/L	< 1
1122Tetrachloroethane	ug/L	< 1	ug/L	< 1
2-Butanone	ug/L	< 10	ug/L	< 10
2-Hexanone	ug/L	< 10	ug/L	< 10
4-Methyl-2-Pentanone	ug/L	< 10	ug/L	< 10
Acetone	ug/L	< 10	ug/L	< 10
Benzene	ug/L	< 1	ug/L	< 1
Bromodichloromethane	ug/L	< 1	ug/L	< 1
Bromoform	ug/L	< 1	ug/L	< 1
Bromomethane	ug/L	< 1	ug/L	< 1
c-1,3Dichloropropene	ug/L	< 1	ug/L	< 1
Carbon disulfide	ug/L	< 1	ug/L	< 1
Carbon Tetrachloride	ug/L	< 1	ug/L	< 1
Chlorobenzene	ug/L	1	ug/L	< 1
Chlorodibromomethane	ug/L	< 1	ug/L	< 1
Chloroethane	ug/L	< 1	ug/L	< 1
Chloroform	ug/L	< 1	ug/L	< 1
Chloromethane	ug/L	< 1	ug/L	< 1
Ethyl Benzene	ug/L	< 1	ug/L	< 1
m + p Xylene	ug/L	< 2	ug/L	< 2
Methylene Chloride	ug/L	< 1	ug/L	< 1
o Xylene	ug/L	< 1	ug/L	< 1
Styrene	ug/L	< 1	ug/L	< 1
t-1,3Dichloropropene	ug/L	< 1	ug/L	< 1
Tetrachloroethene	ug/L	< 1	ug/L	< 1
Toluene	ug/L	< 1	ug/L	< 1
Trichloroethene	ug/L	< 1	ug/L	< 1
Vinyl Chloride	ug/L	< 1	ug/L	< 1
Xylene	ug/L	< 3	ug/L	< 3
1,2 Dichlorobenzene(sv)	ug/L	< 1	ug/L	< 1
1,3 Dichlorobenzene(sv)	ug/L	< 1	ug/L	< 1
1,4 Dichlorobenzene(sv)	ug/L	< 1	ug/L	< 1
124-Trichlorobenzene (sv)	ug/L	< 1	ug/L	< 1
2,4-Dinitrotoluene	ug/L	< 1	ug/L	< 1
2,6-Dinitrotoluene	ug/L	< 1	ug/L	< 1
2-Chloronaphthalene	ug/L	< 1	ug/L	< 1
2-Methylnaphthalene	ug/L	< 1	ug/L	< 1
2-Nitroaniline	ug/L	< 1	ug/L	< 1

Table 6 Leachate Schedule A Analysis Pelham Bay Landfill Annual Report March 2009 through December 2009 NYCDEP Contract 1140-PEL				
3,3'-Dichlorobenzidine	ug/L	< 10	ug/L	< 10
3-Nitroaniline	ug/L	< 1	ug/L	< 1
4-Bromophenyl phenyl ether	ug/L	< 1	ug/L	< 1
4-Chloroaniline	ug/L	< 1	ug/L	< 1
4-Chlorophenyl phenyl ether	ug/L	< 1	ug/L	< 1
4-Nitroaniline	ug/L	< 1	ug/L	< 1
Acenaphthene	ug/L	< 1	ug/L	< 1
Acenaphthylene	ug/L	< 1	ug/L	< 1
Anthracene	ug/L	< 1	ug/L	< 1
Benzo(a)anthracene	ug/L	< 1	ug/L	< 1
Benzo(a)pyrene	ug/L	< 1	ug/L	< 1
Benzo(b)fluoranthene	ug/L	< 1	ug/L	< 1
Benzo(ghi)perylene	ug/L	< 1	ug/L	< 1
Benzo(k)fluoranthene	ug/L	< 1	ug/L	< 1
BenzylButylPhthalate	ug/L	< 1	ug/L	< 1
Bis(2-chloroethoxy)methane	ug/L	< 1	ug/L	< 1
Bis(2-chloroethyl)ether	ug/L	< 1	ug/L	< 1
Bis(2-chloroisopropyl)ether	ug/L	< 1	ug/L	< 1
Bis(2-ethylhexyl)phthalate	ug/L	7.5	ug/L	5.7
Carbazole	ug/L	< 1	ug/L	< 1
Chrysene	ug/L	< 1	ug/L	< 1
Di-n-Butyl Phthalate	ug/L	< 1	ug/L	< 1
Di-n-octyl Phthalate	ug/L	< 1	ug/L	< 1
Dibenzo(a,h)anthracene	ug/L	< 1	ug/L	< 1
Dibenzofuran	ug/L	< 1	ug/L	< 1
Diethyl Phthalate	ug/L	< 1	ug/L	< 1
Dimethyl Phthalate	ug/L	< 1	ug/L	< 1
Fluoranthene	ug/L	< 1	ug/L	2.2
Fluorene	ug/L	< 1	ug/L	< 1
Hexachlorobenzene	ug/L	< 1	ug/L	< 1
Hexachlorobutadiene	ug/L	< 1	ug/L	< 1
Hexachlorocyclopentadiene	ug/L	< 10	ug/L	< 10
Hexachloroethane	ug/L	< 1	ug/L	< 1
Indeno(1,2,3-cd)pyrene	ug/L	< 1	ug/L	< 1
Isophorone	ug/L	< 1	ug/L	< 1
N-Nitrosodi-n-propylamine	ug/L	< 1	ug/L	< 1
N-Nitrosodiphenylamine	ug/L	< 1	ug/L	< 1
Naphthalene(sv)	ug/L	< 1	ug/L	< 1
Nitrobenzene	ug/L	< 1	ug/L	< 1
Phenanthrene	ug/L	< 1	ug/L	1
Pyrene	ug/L	< 1	ug/L	1.9
2,4,5-Trichlorophenol	ug/L	< 1	ug/L	< 1
2,4,6-Trichlorophenol	ug/L	< 1	ug/L	< 1
2,4-Dichlorophenol	ug/L	< 1	ug/L	< 1
2,4-Dimethylphenol	ug/L	< 1	ug/L	< 1
2,4-Dinitrophenol	ug/L	< 10	ug/L	< 10

Table 6 Leachate Schedule A Analysis Pelham Bay Landfill Annual Report March 2009 through December 2009 NYCDEP Contract 1140-PEL				
2-Chlorophenol	ug/L	< 1	ug/L	< 1
2-Methyl-4,6-dinitrophenol	ug/L	< 10	ug/L	< 10
2-Methylphenol (o-cresol)	ug/L	< 1	ug/L	< 1
2-Nitrophenol	ug/L	< 1	ug/L	< 1
4-Chloro-3-methylphenol	ug/L	< 1	ug/L	< 1
4-Methylphenol (p-cresol)	ug/L	< 1	ug/L	< 1
4-Nitrophenol	ug/L	< 10	ug/L	< 10
Pentachlorophenol (ms)	ug/L	< 10	ug/L	< 10
Phenol	ug/L	< 1	ug/L	< 1
TotalPet.Hydro.(GC)	mg/L	0.28	mg/L	0.09
a BHC	ug/L	< 0.05	ug/L	< 0.05
Aldrin	ug/L	< 0.05	ug/L	< 0.05
b BHC	ug/L	< 0.05	ug/L	< 0.05
Chlordane	ug/L	< 0.2	ug/L	< 0.2
d BHC	ug/L	< 0.05	ug/L	< 0.05
Dieldrin	ug/L	< 0.05	ug/L	< 0.05
Endosulfan 1	ug/L	< 0.1	ug/L	< 0.1
Endosulfan 2	ug/L	< 0.1	ug/L	< 0.1
Endosulfan Sulfate	ug/L	< 0.3	ug/L	< 0.3
Endrin	ug/L	< 0.05	ug/L	< 0.05
Endrin Aldehyde	ug/L	< 0.3	ug/L	< 0.3
Endrin Ketone	ug/L	< 0.1	ug/L	< 0.1
Heptachlor	ug/L	< 0.05	ug/L	< 0.05
Heptachlor Epoxide	ug/L	< 0.05	ug/L	< 0.05
Lindane	ug/L	< 0.05	ug/L	< 0.05
Methoxychlor	ug/L	< 0.1	ug/L	< 0.1
p,p-DDD	ug/L	< 0.05	ug/L	< 0.05
p,p-DDE	ug/L	< 0.05	ug/L	< 0.05
p,p-DDT	ug/L	< 0.1	ug/L	< 0.1
Toxaphene	ug/L	< 1	ug/L	< 1
Aroclor 1016	ug/L	< 0.07	ug/L	< 0.07
Aroclor 1221	ug/L	< 0.07	ug/L	< 0.07
Aroclor 1232	ug/L	< 0.07	ug/L	< 0.07
Aroclor 1242	ug/L	< 0.07	ug/L	< 0.07
Aroclor 1248	ug/L	< 0.07	ug/L	< 0.07
Aroclor 1254	ug/L	< 0.07	ug/L	< 0.07
Aroclor 1260	ug/L	< 0.07	ug/L	< 0.07
Aluminum as Al	mg/L	0.03	mg/L	0.1
Antimony as Sb	mg/L	< 0.01	mg/L	< 0.03
Arsenic as As	mg/L	0.01	mg/L	< 0.01
Barium as Ba	mg/L	0.14	mg/L	0.1
Beryllium as Be	mg/L	< 0	mg/L	< 0.01
Cadmium as Cd	mg/L	< 0.01	mg/L	< 0.03
Calcium as Ca	mg/L	58	mg/L	50
Chromium as Cr	mg/L	0.01	mg/L	< 0.03
Cobalt as Co	mg/L	< 0.01	mg/L	< 0.03

Table 6 Leachate Schedule A Analysis Pelham Bay Landfill Annual Report March 2009 through December 2009 NYCDEP Contract 1140-PEL				
Copper as Cu	mg/L	< 0.01	mg/L	< 0.05
Iron as Fe	mg/L	0.48	mg/L	1.3
Lead as Pb	mg/L	< 0.01	mg/L	< 0.03
Magnesium as Mg	mg/L	32	mg/L	25
Manganese as Mn	mg/L	0.18	mg/L	0.22
Mercury as Hg	mg/L	< 0	mg/L	< 0
Nickel as Ni	mg/L	0.02	mg/L	< 0.05
Potassium as K	mg/L	52	mg/L	19
Selenium as Se	mg/L	< 0.01	mg/L	< 0.05
Silver as Ag	mg/L	< 0.01	mg/L	< 0.03
Sodium as Na	mg/L	330	mg/L	190
Thallium as Tl	mg/L	< 0.01	mg/L	< 0.03
Vanadium as V	mg/L	0.02	mg/L	< 0.03
Zinc as Zn	mg/L	0.03	mg/L	0.26
Ammonia as N	mg/L	48	mg/L	9.8
Chloride as Cl	mg/L	440	mg/L	240
Chromium hex as Cr	mg/L	< 0.02	mg/L	< 0.02
Nitrate as N	mg/L	1.6	mg/L	2.9
Sulfate as SO4	mg/L	45	mg/L	32
Tot Dissolved Solids	mg/L	1300	mg/L	780

Table 7

Leachate Schedule B Analytical Results

Table 7
Leachate Schedule B Analysis
Pelham Bay Landfill
Annual Report March 2009 through December 2009
NYCDEP Contract 1140-PEL

Compound of Concern	*3/4/2009*	*9/18/2009*
Arsenic as As	mg/L 0.008	mg/L < 0.005
Cadmium as Cd	mg/L < 0.005	mg/L < 0.025
Copper as Cu	mg/L < 0.01	mg/L < 0.05
Lead as Pb	mg/L < 0.005	mg/L < 0.025
Mercury as Hg	mg/L < 0.00025	mg/L < 0.00025
Molybdenum as Mo		
Nickel as Ni	mg/L 0.02	mg/L < 0.05
Selenium as Se	mg/L < 0.01	mg/L < 0.05
Zinc as Zn	mg/L 0.03	mg/L 0.26
Ammonia as N	mg/L 48	mg/L 9.8
BOD5	mg/L 7.9	mg/L 2.5
Chloride as Cl	mg/L 440	mg/L 240
Chromium hex as Cr	mg/L < 0.02	mg/L < 0.02
CN amen.to chlorin.	mg/L < 0.02	mg/L < 0.02
COD	mg/L 190	mg/L < 40
Nitrate as N	mg/L 1.6	mg/L 2.9
Non-polar Material	mg/L < 5	mg/L < 5
pH (lab) units	7.8	7.4
Tot Suspended Solids	mg/L 8	mg/L 5
Tot. Kjeldahl N.	mg/L 51	mg/L 12

Table 8

Stormwater Monitoring Analytical Results

Table 8
Stormwater Discharge Analysis
Pelham Bay Landfill
Annual Report March 2009 through December 2009
NYCDEP Contract 1140-PEL

Compound of Concern	units	Stormwater Location 1		Stormwater Location 2
		4/17/09	10/19/2009	4/17/09
1,1 Dichloroethane	ug/L	< 1	< 1	< 1
1,1 Dichloroethene	ug/L	< 1	< 1	< 1
1,2 Dichloroethane	ug/L	< 1	< 1	< 1
1,2 Dichloroethene	ug/L	< 2	< 2	< 2
1,2 Dichloropropane	ug/L	< 1	< 1	< 1
111 Trichloroethane	ug/L	< 1	< 1	< 1
112 Trichloroethane	ug/L	< 1	< 1	< 1
1122Tetrachloroethane	ug/L	< 1	< 1	< 1
2-Butanone	ug/L	< 10	< 10	< 10
2-Hexanone	ug/L	< 10	< 10	< 10
4-Methyl-2-Pentanone	ug/L	< 10	< 10	< 10
Acetone	ug/L	< 10	< 10	< 10
Benzene	ug/L	< 1	< 1	< 1
Bromodichloromethane	ug/L	< 1	< 1	< 1
Bromoform	ug/L	< 1	< 1	< 1
Bromomethane	ug/L	< 1	< 1	< 1
c-1,3Dichloropropene	ug/L	< 1	< 1	< 1
Carbon disulfide	ug/L	< 1	< 1	< 1
Carbon Tetrachloride	ug/L	< 1	< 1	< 1
Chlorobenzene	ug/L	< 1	< 1	< 1
Chlorodibromomethane	ug/L	< 1	< 1	< 1
Chloroethane	ug/L	< 1	< 1	< 1
Chloroform	ug/L	< 1	< 1	< 1
Chloromethane	ug/L	< 1	< 1	< 1
Ethyl Benzene	ug/L	< 1	< 1	< 1
m + p Xylene	ug/L	< 2	< 2	< 2
Methylene Chloride	ug/L	< 1	< 1	< 1
o Xylene	ug/L	< 1	< 1	< 1
Styrene	ug/L	< 1	< 1	< 1
t-1,3Dichloropropene	ug/L	< 1	< 1	< 1
Tetrachloroethene	ug/L	< 1	< 1	< 1
Toluene	ug/L	< 1	< 1	< 1
Trichloroethene	ug/L	< 1	< 1	< 1
Vinyl Chloride	ug/L	< 1	< 1	< 1
Xylene	ug/L	< 3	< 3	< 3
1,2 Dichlorobenzene(sv)	ug/L	< 1	< 30	< 1
1,3 Dichlorobenzene(sv)	ug/L	< 1	< 30	< 1
1,4 Dichlorobenzene(sv)	ug/L	< 1	< 30	< 1
124-Trichlorobenzene (sv)	ug/L	< 1	< 30	< 1
2,4-Dinitrotoluene	ug/L	< 1	< 30	< 1
2,6-Dinitrotoluene	ug/L	< 1	< 30	< 1
2-Chloronaphthalene	ug/L	< 1	< 30	< 1
2-Methylnaphthalene	ug/L	< 1	< 30	< 1

Table 8
Stormwater Discharge Analysis
Pelham Bay Landfill
Annual Report March 2009 through December 2009
NYCDEP Contract 1140-PEL

Compound of Concern	units	Stormwater Location 1		Stormwater Location 2
		4/17/09	10/19/2009	4/17/09
2-Nitroaniline	ug/L	< 1	< 30	< 1
3,3'-Dichlorobenzidine	ug/L	< 10	< 300	< 10
3-Nitroaniline	ug/L	< 1	< 30	< 1
4-Bromophenyl phenyl ethe	ug/L	< 1	< 30	< 1
4-Chloroaniline	ug/L	< 1	< 30	< 1
4-Chlorophenyl phenyl ethe	ug/L	< 1	< 30	< 1
4-Nitroaniline	ug/L	< 1	< 30	< 1
Acenaphthene	ug/L	< 1	< 30	< 1
Acenaphthylene	ug/L	< 1	< 30	< 1
Anthracene	ug/L	< 1	< 30	< 1
Benzo(a)anthracene	ug/L	< 1	< 30	< 1
Benzo(a)pyrene	ug/L	< 1	< 30	< 1
Benzo(b)fluoranthene	ug/L	< 1	< 30	< 1
Benzo(ghi)perylene	ug/L	< 1	< 30	< 1
Benzo(k)fluoranthene	ug/L	< 1	< 30	< 1
BenzylButylPhthalate	ug/L	< 1	1.1	< 1
Bis(2-chloroethoxy)methan	ug/L	< 1	< 30	< 1
Bis(2-chloroethyl)ether	ug/L	< 1	< 30	< 1
Bis(2-chloroisopropyl)ether	ug/L	< 1	< 30	< 1
Bis(2-ethylhexyl)phthalate	ug/L	5.6	3	5.1
Carbazole	ug/L	< 1	< 30	< 1
Chrysene	ug/L	< 1	< 30	< 1
Di-n-Butyl Phthalate	ug/L	< 1	1.9	< 1
Di-n-octyl Phthalate	ug/L	< 1	< 30	< 1
Dibenzo(a,h)anthracene	ug/L	< 1	< 30	< 1
Dibenzofuran	ug/L	< 1	< 30	< 1
Diethyl Phthalate	ug/L	< 1	< 30	< 1
Dimethyl Phthalate	ug/L	< 1	< 30	< 1
Fluoranthene	ug/L	< 1	< 30	< 1
Fluorene	ug/L	< 1	< 30	< 1
Hexachlorobenzene	ug/L	< 1	< 30	< 1
Hexachlorobutadiene	ug/L	< 1	< 30	< 1
Hexachlorocyclopentadiene	ug/L	< 10	< 300	< 10
Hexachloroethane	ug/L	< 1	< 30	< 1
Indeno(1,2,3-cd)pyrene	ug/L	< 1	< 30	< 1
Isophorone	ug/L	< 1	< 30	< 1
N-Nitrosodi-n-propylamine	ug/L	< 1	< 30	< 1
N-Nitrosodiphenylamine	ug/L	< 1	< 30	< 1
Naphthalene(sv)	ug/L	< 1	< 30	< 1
Nitrobenzene	ug/L	< 1	< 30	< 1
Phenanthrene	ug/L	< 1	< 30	< 1
Pyrene	ug/L	< 1	< 30	< 1
2,4,5-Trichlorophenol	ug/L	< 1	< 30	< 1

Table 8
Stormwater Discharge Analysis
Pelham Bay Landfill
Annual Report March 2009 through December 2009
NYCDEP Contract 1140-PEL

Compound of Concern	units	Stormwater Location 1		Stormwater Location 2
		4/17/09	10/19/2009	4/17/09
2,4,6-Trichlorophenol	ug/L	< 1	< 30	< 1
2,4-Dichlorophenol	ug/L	< 1	< 30	< 1
2,4-Dimethylphenol	ug/L	< 1	< 30	< 1
2,4-Dinitrophenol	ug/L	< 10	< 300	< 10
2-Chlorophenol	ug/L	< 1	< 30	< 1
2-Methyl-4,6-dinitrophenol	ug/L	< 10	< 300	< 10
2-Methylphenol (o-cresol)	ug/L	< 1	< 30	< 1
2-Nitrophenol	ug/L	< 1	< 30	< 1
4-Chloro-3-methylphenol	ug/L	< 1	< 30	< 1
4-Methylphenol (p-cresol)	ug/L	< 1	< 30	< 1
4-Nitrophenol	ug/L	< 10	< 300	< 10
Pentachlorophenol (ms)	ug/L	< 10	< 300	< 10
Phenol	ug/L	< 1	< 30	< 1
a BHC	ug/L	< 0.05	< 0.05	< 0.05
Aldrin	ug/L	< 0.05	< 0.05	< 0.05
b BHC	ug/L	< 0.05	< 0.05	< 0.05
Chlordane	ug/L	< 0.2	< 0.2	< 0.2
d BHC	ug/L	< 0.05	< 0.05	< 0.05
Dieldrin	ug/L	< 0.05	< 0.05	< 0.05
Endosulfan 1	ug/L	< 0.1	< 0.1	< 0.1
Endosulfan 2	ug/L	< 0.1	< 0.1	< 0.1
Endosulfan Sulfate	ug/L	< 0.3	< 0.3	< 0.3
Endrin	ug/L	< 0.05	< 0.05	< 0.05
Endrin Aldehyde	ug/L	< 0.3	< 0.3	< 0.3
Endrin Ketone	ug/L	< 0.1	< 0.1	< 0.1
Heptachlor	ug/L	< 0.05	< 0.05	< 0.05
Heptachlor Epoxide	ug/L	< 0.05	< 0.05	< 0.05
Lindane	ug/L	< 0.05	< 0.05	< 0.05
Methoxychlor	ug/L	< 0.1	< 0.1	< 0.1
p,p-DDD	ug/L	< 0.05	< 0.05	< 0.05
p,p-DDE	ug/L	< 0.05	< 0.05	< 0.05
p,p-DDT	ug/L	< 0.1	< 0.1	< 0.1
Toxaphene	ug/L	< 1	< 1	< 1
Aroclor 1016	ug/L	< 0.065	< 0.065	< 0.065
Aroclor 1221	ug/L	< 0.065	< 0.065	< 0.065
Aroclor 1232	ug/L	< 0.065	< 0.065	< 0.065
Aroclor 1242	ug/L	< 0.065	< 0.065	< 0.065
Aroclor 1248	ug/L	< 0.065	< 0.065	< 0.065
Aroclor 1254	ug/L	< 0.065	< 0.065	< 0.065
Aroclor 1260	ug/L	< 0.065	< 0.065	< 0.065
Aluminum as Al	mg/L	0.03	0.34	< 0.01
Antimony as Sb	mg/L	< 0.005	< 0.005	< 0.005
Arsenic as As	mg/L	0.009	0.006	0.005

Table 8
Stormwater Discharge Analysis
Pelham Bay Landfill
Annual Report March 2009 through December 2009
NYCDEP Contract 1140-PEL

Compound of Concern	units	Stormwater Location 1		Stormwater Location 2
		4/17/09	10/19/2009	4/17/09
Barium as Ba	mg/L	0.046	0.071	0.075
Beryllium as Be	mg/L	< 0.001	< 0.001	< 0.001
Cadmium as Cd	mg/L	< 0.005	< 0.005	< 0.005
Calcium as Ca	mg/L	130	79	130
Chromium as Cr	mg/L	< 0.005	< 0.005	< 0.005
Cobalt as Co	mg/L	< 0.005	< 0.005	< 0.005
Copper as Cu	mg/L	< 0.01	< 0.01	< 0.01
Iron as Fe	mg/L	0.21	1.8	0.03
Lead as Pb	mg/L	< 0.005	< 0.005	< 0.005
Magnesium as Mg	mg/L	16	13	16
Manganese as Mn	mg/L	0.08	0.35	0.03
Mercury as Hg	mg/L	< 0.00025	< 0.00025	< 0.00025
Nickel as Ni	mg/L	< 0.01	< 0.01	< 0.01
Potassium as K	mg/L	10	13	12
Selenium as Se	mg/L	< 0.002	< 0.01	< 0.002
Silver as Ag	mg/L	< 0.005	< 0.005	< 0.005
Sodium as Na	mg/L	12	18	14
Thallium as Tl	mg/L	< 0.005	< 0.005	< 0.005
Vanadium as V	mg/L	< 0.005	< 0.005	< 0.005
Zinc as Zn	mg/L	0.03	0.02	0.04
Cyanide as CN	mg/L	< 0.05	< 0.05	< 0.05
Ammonia as N	mg/L	13	15	13
Chloride as Cl	mg/L	< 0.02	< 0.02	< 0.02
Nitrate as N	mg/L	< 0.5	< 0.5	0.5
Sulfate as SO4	mg/L	85	68	60
Tot Dissolved Solids	mg/L	530	430	550

Appendix A

Monthly Leachate Daily Flow Logsheets

TABLE-2
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - PUMP STATION D-1 TO STP FORCE MAIN

Date	Totalizer (Hgal)	difference (Hgal)	flow (gal)
3/1/2009		442.33	44,233
3/2/2009	272394	399.00	39,900
3/3/2009	272793	401.00	40,100
3/4/2009	273194	353.00	35,300
3/5/2009	273547	376.00	37,600
3/6/2009	273923	384.67	38,467
3/7/2009		384.67	38,467
3/8/2009		384.67	38,467
3/9/2009	275077	352.00	35,200
3/10/2009	275429	417.00	41,700
3/11/2009	275846	376.00	37,600
3/12/2009	276222	407.00	40,700
3/13/2009	276629	371.00	37,100
3/14/2009		371.00	37,100
3/15/2009		371.00	37,100
3/16/2009	277742	364.00	36,400
3/17/2009	278106	320.00	32,000
3/18/2009	278426	350.00	35,000
3/19/2009	278776	369.00	36,900
3/20/2009	279145	341.33	34,133
3/21/2009		341.33	34,133
3/22/2009		341.33	34,133
3/23/2009	280169	347.00	34,700
3/24/2009	280516	304.00	30,400
3/25/2009	280820	763.00	76,300
3/26/2009	281583	254.50	25,450
3/27/2009		254.50	25,450
3/28/2009		254.50	25,450
3/29/2009		254.50	25,450
3/30/2009	282601	368.00	36,800
3/31/2009	282969	342.00	34,200

Total Flow (cuft)	1,135,933
Average Daily Flow (cuft)	36,643
Min Daily Flow (cuft)	25,450
Max Daily Flow (cuft)	76,300

TABLE-2
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - PUMP STATION D-1 TO STP FORCE MAIN

Date	Totalizer (Hgal)	difference (Hgal)	flow (gal)
4/1/2009	283311	444.00	44,400
4/2/2009	283755	305.00	30,500
4/3/2009	284060	Flow Meter was down, flows are estimated using the daily average from March 2009	36,643
4/4/2009			36,643
4/5/2009			36,643
4/6/2009			36,643
4/7/2009			36,643
4/8/2009	284228	348.00	34,800
4/9/2009	284576	471.00	47,100
4/10/2009	285047	437.67	43,767
4/11/2009		437.67	43,767
4/12/2009		437.67	43,767
4/13/2009	286360	416.00	41,600
4/14/2009	286776	410.00	41,000
4/15/2009	287186	441.00	44,100
4/16/2009	287627	414.00	41,400
4/17/2009	288041	445.67	44,567
4/18/2009		445.67	44,567
4/19/2009		445.67	44,567
4/20/2009	289378	531.00	53,100
4/21/2009	289909	722.00	72,200
4/22/2009	290631	947.00	94,700
4/23/2009	291578	926.00	92,600
4/24/2009	292504	580.33	58,033
4/25/2009		580.33	58,033
4/26/2009		580.33	58,033
4/27/2009	294245	465.00	46,500
4/28/2009	294710	487.00	48,700
4/29/2009	295197	507.00	50,700
4/30/2009	295704	560.00	56,000

Total Flow (cuft)	1,461,715
Average Daily Flow (cuft)	48,724
Min Daily Flow (cuft)	30,500
Max Daily Flow (cuft)	94,700

TABLE-2
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - PUMP STATION D-1 TO STP FORCE MAIN

Date	Totalizer (Hgal)	difference (Hgal)	flow (gal)
5/1/2009	296264	773.33	77,333
5/2/2009		773.33	77,333
5/3/2009		773.33	77,333
5/4/2009	298584	706.00	70,600
5/5/2009	299290	524.00	52,400
5/6/2009	299814	559.00	55,900
5/7/2009	300373	762.00	76,200
5/8/2009	301135	808.67	80,867
5/9/2009		808.67	80,867
5/10/2009		808.67	80,867
5/11/2009	303561	941.00	94,100
5/12/2009	304502	613.00	61,300
5/13/2009	305115	550.00	55,000
5/14/2009	305665	678.00	67,800
5/15/2009	306343	510.33	51,033
5/16/2009		510.33	51,033
5/17/2009		510.33	51,033
5/18/2009	307874	389.00	38,900
5/19/2009	308263	645.00	64,500
5/20/2009	308908	499.00	49,900
5/21/2009	309407	524.00	52,400
5/22/2009	309931	545.25	54,525
5/23/2009		545.25	54,525
5/24/2009		545.25	54,525
5/25/2009		545.25	54,525
5/26/2009	312112	376.00	37,600
5/27/2009	312488	536.00	53,600
5/28/2009	313024	541.00	54,100
5/29/2009	313565	469.33	46,933
5/30/2009		469.33	46,933
5/31/2009		469.33	46,933

Total Flow (cuft)	1,870,900
Average Daily Flow (cuft)	60,352
Min Daily Flow (cuft)	37,600
Max Daily Flow (cuft)	94,100

TABLE-2
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - PUMP STATION D-1 TO STP FORCE MAIN

Date	Totalizer (Hgal)	difference (Hgal)	flow (gal)
6/1/2009	314973	391.00	39,100
6/2/2009	315364	473.00	47,300
6/3/2009	315837	448.00	44,800
6/4/2009	316285	470.00	47,000
6/5/2009	316755	557.00	55,700
6/6/2009		557.00	55,700
6/7/2009		557.00	55,700
6/8/2009	318426	575.00	57,500
6/9/2009	319001	635.00	63,500
6/10/2009	319636	617.00	61,700
6/11/2009	320253	599.00	59,900
6/12/2009	320852	577.00	57,700
6/13/2009		577.00	57,700
6/14/2009		577.00	57,700
6/15/2009	322,583	552.00	55,200
6/16/2009	323135	550.00	55,000
6/17/2009	323685	577.00	57,700
6/18/2009	324262	859.00	85,900
6/19/2009	325121	939.00	93,900
6/20/2009		939.00	93,900
6/21/2009		939.00	93,900
6/22/2009	327938	785.00	78,500
6/23/2009	328723	771.00	77,100
6/24/2009	329494	676.00	67,600
6/25/2009	330170	704.00	70,400
6/26/2009	330874	590.00	59,000
6/27/2009		590.00	59,000
6/28/2009		590.00	59,000
6/29/2009	332644	472.00	47,200
6/30/2009	333116	455.00	45,500

Total Flow (cuft)	1,859,800
Average Daily Flow (cuft)	61,993
Min Daily Flow (cuft)	39,100
Max Daily Flow (cuft)	93,900

TABLE-2
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - PUMP STATION D-1 TO STP FORCE MAIN

Date	Totalizer (Hgal)	difference (Hgal)	flow (gal)
7/1/2009	333571	491.00	49,100
7/2/2009	334062	423.00	42,300
7/3/2009		423.00	42,300
7/4/2009		423.00	42,300
7/5/2009		423.00	42,300
7/6/2009	335754	437.00	43,700
7/7/2009	336191	453.00	45,300
7/8/2009	336644	414.00	41,400
7/9/2009	337058	411.00	41,100
7/10/2009	337469	398.00	39,800
7/11/2009		398.00	39,800
7/12/2009		398.00	39,800
7/13/2009	338663	355.00	35,500
7/14/2009	339018	541.00	54,100
7/15/2009	339,559	623.00	62,300
7/16/2009	340182	358.00	35,800
7/17/2009	340540	501.67	50,167
7/18/2009		501.67	50,167
7/19/2009		501.67	50,167
7/20/2009	342045	426.00	42,600
7/21/2009	342471	372.00	37,200
7/22/2009	342843	556.00	55,600
7/23/2009	343399	361.00	36,100
7/24/2009	343760	377.67	37,767
7/25/2009		377.67	37,767
7/26/2009		377.67	37,767
7/27/2009	344893	383.00	38,300
7/28/2009	345276	214.00	21,400
7/29/2009	345490	252.00	25,200
7/30/2009	345742	254.00	25,400
7/31/2009	345996	250.00	25,000

Total Flow (gal))	1,267,500
Average Daily Flow (gal)	40,887
Min Daily Flow (gal)	21,400
Max Daily Flow (gal)	62,300

TABLE-2
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - PUMP STATION D-1 TO STP FORCE MAIN

Date	Totalizer (Hgal)	difference (Hgal)	flow (gal)
8/1/2009		250.00	25,000
8/2/2009		250.00	25,000
8/3/2009	346746	231.00	23,100
8/4/2009	346977	360.00	36,000
8/5/2009	347337	697.00	69,700
8/6/2009	348034	97.00	9,700
8/7/2009	348131	52.00	5,200
8/8/2009		52.00	5,200
8/9/2009		52.00	5,200
8/10/2009	348287	63.00	6,300
8/11/2009	348350	67.00	6,700
8/12/2009	348417	39.00	3,900
8/13/2009	348456	45.00	4,500
8/14/2009	348501	96.50	9,650
8/15/2009		96.50	9,650
8/16/2009		96.50	9,650
8/17/2009		96.50	9,650
8/18/2009	348887	326.00	32,600
8/19/2009	349213	474.00	47,400
8/20/2009	349687	258.00	25,800
8/21/2009		258.00	25,800
8/22/2009		258.00	25,800
8/23/2009		258.00	25,800
8/24/2009	350719	122.00	12,200
8/25/2009	350841	128.00	12,800
8/26/2009	350969	111.00	11,100
8/27/2009	351080	109.00	10,900
8/28/2009	351189	103.00	10,300
8/29/2009		103.00	10,300
8/30/2009		103.00	10,300
8/31/2009	351498	98.00	9,800

Total Flow (gal))	535,000
Average Daily Flow (gal)	17,258
Min Daily Flow (gal)	3,900
Max Daily Flow (gal)	69,700

TABLE-2
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - PUMP STATION D-1 TO STP FORCE MAIN

Date	Totalizer (Hgal)	difference (Hgal)	flow (gal)
9/1/2009	351596	76.00	7,600
9/2/2009	351672	155.00	15,500
9/3/2009	351827	25.00	2,500
9/4/2009	351852	61.25	6,125
9/5/2009		61.25	6,125
9/6/2009		61.25	6,125
9/7/2009		61.25	6,125
9/8/2009	352097	61.00	6,100
9/9/2009	352158	66.00	6,600
9/10/2009	352224	57.00	5,700
9/11/2009	352281	67.00	6,700
9/12/2009		67.00	6,700
9/13/2009		67.00	6,700
9/14/2009	352482	65.00	6,500
9/15/2009	352547	59.00	5,900
9/16/2009	352606	63.00	6,300
9/17/2009	352669	58.00	5,800
9/18/2009	352727	55.33	5,533
9/19/2009		55.33	5,533
9/20/2009		55.33	5,533
9/21/2009	352893	58.00	5,800
9/22/2009	352951	51.00	5,100
9/23/2009	353002	51.00	5,100
9/24/2009	353053	43.00	4,300
9/25/2009	353096	48.33	4,833
9/26/2009		48.33	4,833
9/27/2009		48.33	4,833
9/28/2009	353241	53.00	5,300
9/29/2009	353294	66.00	6,600
9/30/2009	353360	65.00	6,500

Total Flow (gal))	182,900
Average Daily Flow (gal)	6,097
Min Daily Flow (gal)	2,500
Max Daily Flow (gal)	15,500

TABLE-2
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - PUMP STATION D-1 TO STP FORCE MAIN

Date	Totalizer (Hgal)	difference (Hgal)	flow (gal)
10/1/2009	353425	51.00	5100
10/2/2009	353476	59.67	5967
10/3/2009		59.67	5967
10/4/2009		59.67	5967
10/5/2009	353655	62.00	6200
10/6/2009	353717	73.00	7300
10/7/2009	353790	66.00	6600
10/8/2009	353856	84.00	8400
10/9/2009	353940	62.00	6200
10/10/2009		62.00	6200
10/11/2009		62.00	6200
10/12/2009	354126	40.00	4000
10/13/2009	354166	69.00	6900
10/14/2009	354235	55.00	5500
10/15/2009	354,290	55.00	5500
10/16/2009	354345	63.00	6300
10/17/2009		63.00	6300
10/18/2009		63.00	6300
10/19/2009	354534	63.00	6300
10/20/2009	354597	63.00	6300
10/21/2009	354660	63.00	6300
10/22/2009	354723	56.00	5600
10/23/2009	354779	92.33	9233
10/24/2009		92.33	9233
10/25/2009		92.33	9233
10/26/2009	355056	127.00	12700
10/27/2009	355183	154.00	15400
10/28/2009	355337	312.00	31200
10/29/2009	355649	305.00	30500
10/30/2009	355954	287.50	28750
10/31/2009		287.50	28750

Total Flow (gal)	310,400
Average Daily Flow (gal)	10,013
Min Daily Flow (gal)	4,000
Max Daily Flow (gal)	31,200

TABLE-2
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - PUMP STATION D-1 TO STP FORCE MAIN

Date	Totalizer (Hgal)	difference (Hgal)	flow (gal)
11/1/2009		0.0	-
11/2/2009	356529	0.0	-
11/3/2009	356529	0.0	-
11/4/2009	356529	0.0	-
11/5/2009	356529	0.0	-
11/6/2009	356529	0.0	-
11/7/2009		0.0	-
11/8/2009		0.0	-
11/9/2009	356529	0.0	-
11/10/2009	356529	0.0	-
11/11/2009	356529	0.0	-
11/12/2009	356529	0.0	-
11/13/2009	356529	0.0	-
11/14/2009		0.0	-
11/15/2009		0.0	-
11/16/2009	356529	703.0	70,300
11/17/2009	357232	490.0	49,000
11/18/2009	357722	193.0	19,300
11/19/2009	357915	104.0	10,400
11/20/2009	358019	161.3	16,133
11/21/2009		161.3	16,133
11/22/2009		161.3	16,133
11/23/2009	358503	107.0	10,700
11/24/2009	358610	101.0	10,100
11/25/2009	358711	94.5	9,450
11/26/2009		94.5	9,450
11/27/2009	358900	91.0	9,100
11/28/2009		91.0	9,100
11/29/2009		91.0	9,100
11/30/2009		91.0	9,100

Total Flow (gal)	273,500
Average Daily Flow (gal)	9117
Min Daily Flow (gal)	0
Max Daily Flow (gal)	70300

TABLE-2
PELHAM BAY LANDFILL
FLOW TOTALIZER READINGS - PUMP STATION D-1 TO STP FORCE MAIN

Date	Totalizer (Hgal)	difference (Hgal)	flow (gal)
12/1/2009	359264	50	5000
12/2/2009	359314	167	16700
12/3/2009	359481	260	26000
12/4/2009	359741	230	23000
12/5/2009		230	23000
12/6/2009		230	23000
12/7/2009	360431	160	16000
12/8/2009	360591	208	20800
12/9/2009	360799	449	44900
12/10/2009	361248	680	68000
12/11/2009	361928	512	51200
12/12/2009		512	51200
12/13/2009		512	51200
12/14/2009	363464	450	45000
12/15/2009	363914	307	30700
12/16/2009	364221	237	23700
12/17/2009	364458	160	16000
12/18/2009	364618	198	19833
12/19/2009		198	19833
12/20/2009		198	19833
12/21/2009	365213	167	16700
12/22/2009	365380	178	17800
12/23/2009	365558	181	18100
12/24/2009	365739	451	45075
12/25/2009		451	45075
12/26/2009		451	45075
12/27/2009		451	45075
12/28/2009	367542	591	59100
12/29/2009	368133	547	54700
12/30/2009	368680	272	27220
12/31/2009		272	27220

Total Flow (gal)	996,040
Average Daily Flow (gal)	32,130
Min Daily Flow (gal)	5,000
Max Daily Flow (gal)	68,000

Appendix B

Monthly Landfill Gas Daily Flow Logsheets

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

Date	Totalizer (MSCF)	difference (MSCF)	flow (CF)
3/1/2009		0.0000	0
3/2/2009	680.373	0.0318	31,800
3/3/2009	680.4048	0.5281	528,100
3/4/2009	680.9329	0.4220	422,000
3/5/2009	681.3549	0.7044	704,400
3/6/2009	682.0593	0.4672	467,200
3/7/2009		0.0000	0
3/8/2009		0.0000	0
3/9/2009	682.5265	0.2361	236,100
3/10/2009	682.7626	0.1348	134,800
3/11/2009	682.8974	0.4164	416,400
3/12/2009	683.3138	0.1455	145,500
3/13/2009	683.4593	0.6263	626,300
3/14/2009		0.0000	0
3/15/2009		0.0000	0
3/16/2009	684.0856	0.7012	701,200
3/17/2009	684.7868	0.4087	408,700
3/18/2009	685.1955	0.5734	573,400
3/19/2009	685.7689	0.8563	856,300
3/20/2009	686.6252	0.5119	511,900
3/21/2009		0.0000	0
3/22/2009		0.0000	0
3/23/2009	687.1371	0.5582	558,200
3/24/2009	687.6953	0.0680	68,000
3/25/2009	687.7633	0.4899	489,900
3/26/2009	688.2532	0.3777	377,700
3/27/2009	688.631	0.0841	84,100
3/28/2009		0.0000	0
3/29/2009		0.0000	0
3/30/2009	688.715	0.2528	252,800
3/31/2009	688.9678	0.4555	455,500

Total Flow (cuft)	9,050,300
Average Daily Flow (cuft)	291,945
Min Daily Flow (cuft)	0
Max Daily Flow (cuft)	856,300

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

Date	Totalizer (MSCF)	difference (MSCF)	flow (CF)
4/1/2009	689.4233	0.70	697,600
4/2/2009	690.1209	0.11	105,600
4/3/2009	690.2265	0.02	22,400
4/4/2009		0.00	0
4/5/2009		0.00	0
4/6/2009	690.2489	0.05	50,600
4/7/2009	690.2995	0.63	628,500
4/8/2009	690.9280	0.44	435,600
4/9/2009	691.3636	0.57	573,100
4/10/2009	691.9367	0.18	176,667
4/11/2009		0.00	0
4/12/2009		0.00	0
4/13/2009	692.4667	0.41	410,500
4/14/2009	692.8772	0.02	18,700
4/15/2009	692.8959	0.61	610,100
4/16/2009	693.5060	0.27	267,400
4/17/2009	693.7734	0.20	203,867
4/18/2009		0.00	0
4/19/2009		0.00	0
4/20/2009	694.3850	0.02	17,000
4/21/2009	694.4020	0.00	0
4/22/2009	694.4020	0.10	102,000
4/23/2009	694.5040	0.49	487,800
4/24/2009	694.9918	0.19	185,933
4/25/2009		0.00	0
4/26/2009		0.00	0
4/27/2009	695.5496	0.31	309,300
4/28/2009	695.8589	0.48	483,600
4/29/2009	696.3425	0.60	600,600
4/30/2009	696.9431	0.50	495,900

Total Flow (cuft)	6,882,767
Average Daily Flow (cuft)	229,426
Min Daily Flow (cuft)	0
Max Daily Flow (cuft)	697,600

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

Date	Totalizer (MSCF)	difference (MSCF)	flow (CF)
5/1/2009	697.439	0.0000	0
5/2/2009		0.0000	0
5/3/2009		0.00	0
5/4/2009	697.439	0.00	0
5/5/2009	697.439	0.45	449,100
5/6/2009	697.8881	0.05	53,000
5/7/2009	697.9411	0.34	339,000
5/8/2009	698.2801	0.17	173,800
5/9/2009		0.00	0
5/10/2009		0.00	0
5/11/2009	698.4539	0.36	355,700
5/12/2009	698.8096	0.00	0
5/13/2009	698.8096	0.00	0
5/14/2009	698.8096	0.00	0
5/15/2009	698.8096	0.00	200
5/16/2009		0.00	200
5/17/2009		0.00	200
5/18/2009	698.8098	0.20	204,700
5/19/2009	699.0145	0.78	776,500
5/20/2009	699.791	0.45	451,900
5/21/2009	700.2429	0.62	618,300
5/22/2009	700.8612	1.00	1,000,300
5/23/2009		0.00	0
5/24/2009		0.00	0
5/25/2009		0.00	0
5/26/2009	701.8615	0.08	81,000
5/27/2009	701.9425	0.56	556,300
5/28/2009	702.4988	0.03	28,100
5/29/2009	702.5269	0.03	30,300
5/30/2009		0.00	0
5/31/2009		0.00	0

Total Flow (cuft)	5,118,600
Average Daily Flow (cuft)	165,116
Min Daily Flow (cuft)	0
Max Daily Flow (cuft)	1,000,300

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

Date	Totalizer (MSCF)	difference (MSCF)	flow (CF)
6/1/2009	702.5572	0.56	562,700
6/2/2009	703.1199	0.14	139,600
6/3/2009	703.2595	0.02	23,100
6/4/2009	703.2826	0.08	80,100
6/5/2009	703.3627	0.03	29,600
6/6/2009		0.00	0
6/7/2009		0.00	0
6/8/2009	703.3923	0.00	0
6/9/2009	703.3923	0.00	0
6/10/2009	703.3923	0.04	44,500
6/11/2009	703.4368	1.60	1,604,900
6/12/2009	705.0417	2.34	2,336,967
6/13/2009		2.34	2,336,967
6/14/2009		2.34	2,336,967
6/15/2009	712.0526	2.13	2,126,200
6/16/2009	714.1788	2.11	2,112,600
6/17/2009	716.2914	2.20	2,202,100
6/18/2009	718.4935	2.31	2,305,800
6/19/2009	720.7993	2.10	2,102,867
6/20/2009		2.10	2,102,867
6/21/2009		2.10	2,102,867
6/22/2009	727.1079	1.92	1,918,500
6/23/2009	729.0264	2.00	2,001,200
6/24/2009	731.0276	1.82	1,815,500
6/25/2009	732.8431	1.89	1,891,800
6/26/2009	734.7349	1.83	1,829,533
6/27/2009		1.83	1,829,533
6/28/2009		1.83	1,829,533
6/29/2009	740.2235	1.76	1,760,400
6/30/2009	741.9839	1.75	1,746,100

Total Flow (cuft)	41,172,800
Average Daily Flow (cuft)	1,372,427
Min Daily Flow (cuft)	0
Max Daily Flow (cuft)	2,336,967

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

Date	Totalizer (MSCF)	difference (MSCF)	flow (ft^3)
7/1/2009	743.7300	2.0177	2,017,700
7/2/2009	745.7477	0.5673	567,300
7/3/2009		0.0000	0
7/4/2009		0.0000	0
7/5/2009		0.0000	0
7/6/2009	746.3150	1.7532	1,753,200
7/7/2009	748.0682	1.7102	1,710,200
7/8/2009	749.7784	1.6503	1,650,300
7/9/2009	751.4287	1.7108	1,710,800
7/10/2009	753.1395	0.4456	445,600
7/11/2009		0.0000	0
7/12/2009		0.0000	0
7/13/2009	753.5851	0.0000	0
7/14/2009	753.5851	0.0000	0
7/15/2009	753.5851	0.0000	0
7/16/2009	753.6558	1.6385	1,638,500
7/17/2009	755.2943	0.5181	518,100
7/18/2009		0.0000	0
7/19/2009		0.0000	0
7/20/2009	755.8124	0.0000	0
7/21/2009	755.8124	0.1971	197,100
7/22/2009	756.0095	1.5205	1,520,500
7/23/2009	757.5300	1.8302	1,830,200
7/24/2009	759.3602	1.6843	1,684,333
7/25/2009		1.6843	1,684,333
7/26/2009		1.6843	1,684,333
7/27/2009	764.4132	1.6747	1,674,700
7/28/2009	766.0879	1.5980	1,598,000
7/29/2009	767.6859	1.8298	1,829,800
7/30/2009	769.5157	1.6019	1,601,900
7/31/2009	771.1176	1.6776	1,677,633

Total Flow (cuft)	28,994,533
Average Daily Flow (cuft)	935,308
Min Daily Flow (cuft)	0
Max Daily Flow (cuft)	2,017,700

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

Date	Totalizer (MSCF)	difference (MSCF)	flow (ft^3)
8/1/2009		1.6776	1,677,633
8/2/2009		1.6776	1,677,633
8/3/2009	776.1505	1.6441	1,644,100
8/4/2009	777.7946	1.6629	1,662,900
8/5/2009	779.4575	1.7184	1,718,400
8/6/2009	781.1759	1.5922	1,592,200
8/7/2009	782.7681	1.6899	1,689,867
8/8/2009		1.6899	1,689,867
8/9/2009		1.6899	1,689,867
8/10/2009	787.8377	1.7013	1,701,300
8/11/2009	789.5390	1.9354	1,935,400
8/12/2009	791.4744	1.3327	1,332,700
8/13/2009	792.8071	1.7517	1,751,700
8/14/2009	794.5588	1.6208	1,620,800
8/15/2009		1.6208	1,620,800
8/16/2009		1.6208	1,620,800
8/17/2009		1.6208	1,620,800
8/18/2009	801.0420	1.0830	1,083,000
8/19/2009	802.1250	0.0000	0
8/20/2009	802.1250	0.0351	35,100
8/21/2009		0.0000	0
8/22/2009		0.0000	0
8/23/2009		0.0000	0
8/24/2009	802.1601	0.0000	0
8/25/2009	802.1601	0.0369	36,900
8/26/2009	802.1970	1.1814	1,181,400
8/27/2009	803.3784	1.8345	1,834,500
8/28/2009	805.2129	0.5020	502,000
8/29/2009		0.0000	0
8/30/2009		0.0000	0
8/31/2009	805.7149	1.6222	1,622,200

Total Flow (cuft)	34,541,867
Average Daily Flow (cuft)	1,114,254
Min Daily Flow (cuft)	0
Max Daily Flow (cuft)	1,935,400

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

Date	Totalizer (MSCF)	difference (MSCF)	flow (ft^3)
9/1/2009	807.3371	0.2199	219,900
9/2/2009	807.5570	1.8048	1,804,800
9/3/2009	809.3618	1.8042	1,804,200
9/4/2009	811.1660	0.5057	505,700
9/5/2009		0.0000	0
9/6/2009		0.0000	0
9/7/2009		0.0000	0
9/8/2009	811.6717	1.7171	1,717,100
9/9/2009	813.3888	1.8491	1,849,100
9/10/2009	815.2379	0.5539	553,900
9/11/2009	815.7918	0.0000	0
9/12/2009		0.0000	0
9/13/2009		0.0000	0
9/14/2009	815.7918	0.0000	0
9/15/2009	815.7918	0.0000	0
9/16/2009	815.7918	0.0000	0
9/17/2009	815.7918	0.0000	0
9/18/2009	815.7918	0.0000	0
9/19/2009		0.0000	0
9/20/2009		0.0000	0
9/21/2009	815.7918	0.0000	0
9/22/2009	815.7918	0.0000	0
9/23/2009	815.7918	0.0000	0
9/24/2009	815.7918	0.0000	0
9/25/2009	815.7918	0.0000	0
9/26/2009		0.0000	0
9/27/2009		0.0000	0
9/28/2009	815.7918	0.0000	0
9/29/2009	815.7918	0.0000	0
9/30/2009	815.7918	0.0000	0

Total Flow (cuft)	8,454,700
Average Daily Flow (cuft)	281,823
Min Daily Flow (cuft)	0
Max Daily Flow (cuft)	1,849,100

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

Date	Totalizer (MSCF)	difference (MSCF)	Flow (ft^3)
10/1/2009	815.7918	0.0000	0
10/2/2009	815.7918	0.0000	0
10/3/2009		0.0000	0
10/4/2009		0.0000	0
10/5/2009	815.7918	0.0000	0
10/6/2009	815.7918	0.0000	0
10/7/2009	815.7918	0.0000	0
10/8/2009	815.7918	0.0000	0
10/9/2009	815.7918	0.0000	0
10/10/2009		0.0000	0
10/11/2009		0.0000	0
10/12/2009	815.7918	0.0000	0
10/13/2009	815.7918	0.0710	71000
10/14/2009	815.8628	1.5932	1593200
10/15/2009	817.4560	1.6461	1646100
10/16/2009	819.1021	1.6461	1646100
10/17/2009		1.6461	1646100
10/18/2009		1.6461	1646100
10/19/2009	819.4963	0.0000	0
10/20/2009	819.4963	0.0000	0
10/21/2009	819.4963	0.1770	177000
10/22/2009	819.6733	1.4465	1446500
10/23/2009	821.1198	1.4465	1446500
10/24/2009		1.4465	1446500
10/25/2009		1.4465	1446500
10/26/2009	821.1331	1.9698	1969800
10/27/2009	823.1029	1.5309	1530900
10/28/2009	824.6338	0.2927	292700
10/29/2009	824.9265	0.0050	5000
10/30/2009	824.9315	0.5620	562000
10/31/2009		0.0000	0

Total Flow (ft^3)	18,572,000
Average Daily Flow (ft^3)	599,097
Min Daily Flow (ft^3)	0
Max Daily Flow (ft^3)	1,969,800

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

Date	Totalizer (MSCF)	difference (MSCF)	Flow (ft^3)
11/1/2009		0.0000	-
11/2/2009	825.4935	1.3693	1,369,300
11/3/2009	826.8628	1.6665	1,666,500
11/4/2009	828.5293	1.6092	1,609,200
11/5/2009	830.1385	0.3525	352,500
11/6/2009	830.4910	0.0000	-
11/7/2009		0.0000	-
11/8/2009		0.0000	-
11/9/2009	830.4910	0.0000	-
11/10/2009	830.4910	0.0000	-
11/11/2009	830.4910	0.0000	-
11/12/2009	830.4910	0.0000	-
11/13/2009	830.4910	0.0000	-
11/14/2009		0.0000	-
11/15/2009		0.0000	-
11/16/2009	830.4910	1.6365	1,636,500
11/17/2009	832.1275	1.7978	1,797,800
11/18/2009	833.9253	1.9627	1,962,700
11/19/2009	835.8880	1.5031	1,503,100
11/20/2009	837.3911	0.3635	363,500
11/21/2009		0.0000	-
11/22/2009		0.0000	-
11/23/2009	837.7546	1.7301	1,730,100
11/24/2009	839.4847	1.8859	1,885,900
11/25/2009	841.3706	1.7953	1,795,300
11/26/2009		1.7953	1,795,300
11/27/2009	844.9612	0.0000	-
11/28/2009		0.0000	-
11/29/2009		0.0000	-
11/30/2009	844.9612	1.1698	1,169,800

Total Flow (ft^3)	20,637,500
Average Daily Flow (ft^3)	687,917
Min Daily Flow (ft^3)	-
Max Daily Flow (ft^3)	1,962,700

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

Date	Totalizer (MSCF)	difference (MSCF)	Flow (ft^3)
12/1/2009	846.1310	1.1068	1,106,800
12/2/2009	847.2378	2.2225	2,222,500
12/3/2009	849.4603	1.8475	1,847,500
12/4/2009	851.3078	0.6178	617,800
12/5/2009		0.0000	-
12/6/2009		0.0000	-
12/7/2009	851.9256	1.2892	1,289,200
12/8/2009	853.2148	1.7073	1,707,300
12/9/2009	854.9221	0.0000	-
12/10/2009	854.9221	0.0000	-
12/11/2009	854.9221	0.0000	-
12/12/2009		0.0000	-
12/13/2009		0.0000	-
12/14/2009	854.9221	0.0000	-
12/15/2009	854.9221	0.0000	-
12/16/2009	854.9221	0.1544	154,400
12/17/2009	855.0765	1.4631	1,463,100
12/18/2009	856.5396	0.3876	387,600
12/19/2009		0.0000	-
12/20/2009		0.0000	-
12/21/2009	856.9272	1.6551	1,655,100
12/22/2009	858.5823	1.7084	1,708,400
12/23/2009	860.2907	0.1373	137,300
12/24/2009	860.4280	0.0884	88,400
12/25/2009		0.0000	-
12/26/2009		0.0000	-
12/27/2009		0.0000	-
12/28/2009	860.5164	1.5965	1,596,500
12/29/2009	862.1129	0.2955	295,500
12/30/2009	862.4084	1.4079	1,407,920
12/31/2009		1.4079	1,407,920

Total Flow (ft^3)	19,093,240
Average Daily Flow (ft^3)	615,911
Min Daily Flow (ft^3)	-
Max Daily Flow (ft^3)	2,222,500

Appendix C

Groundwater/Leachate System Inspections

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

Date: 3/5/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	H [L X] O		H [L X] O		H [L X] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 22592.5		P-1 49348.8		P-1 76600.4	
	P-2 21740.5		P-2 30742.9		P-2 53796.3	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 273547 x 100 = 27,354,700

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9388.4	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14753.3	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57525.0	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2250.1	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 3/10/2009 Initials JM

1. Downgradient Collection Sumps

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

Pumps	ETM
P-1	22641.3
P-2	21740.5

Pumps	ETM
P-1	49469.3
P-2	30742.9

Pumps	ETM
P-1	76715.9
P-2	53796.3

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 275429 x 100 = 27,542,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9398.8	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14754.2	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57540.8	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2250.1	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 3/12/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	H [L X] O		H [L X] O		H [L X] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 22662.5		P-1 49519.6		P-1 76766.1	
	P-2 21740.5		P-2 30742.9		P-2 53796.3	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 276222 x 100 = 27,622,200

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9402.6	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14754.7	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57545.8	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2250.1	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 3/17/2009 Initials RH

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ][ ][X]	H O A [ ][ ][X]	H O A [ ][ ][X]	H O A [ ][ ][X]	H O A [ ][ ][ ]	H O A [ ][ ][ ]
D. Liquid Level in Sump	H L O [ ][ ][X]		H L O [ ][ ][X]		H L O [ ][ ][X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 22715.8		P-1 49644.8		P-1 76885.1	
	P-2 21740.5		P-2 30742.9		P-2 53796.8	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 278106 x 100 = 27,810,600

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9410.9	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14755.4	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57551.6	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2250.2	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 3/20/2009 Initials RH

1. Downgradient Collection Sumps

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

D-1 Pumps	ETM
P-1	22743.7
P-2	21740.5

D-8 Pumps	ETM
P-1	49708.1
P-2	30742.9

D-10 Pumps	ETM
P-1	76946.6
P-2	53797.8

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 279145 x 100 = 27,914,500

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9414.8	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14755.7	[ ]	[ ]	[ ]
P-2	2691.4	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57553.9	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2250.2	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 3/24/2009 Initials JM

1. Downgradient Collection Sumps

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

Pumps	ETM
P-1	22780.3
P-2	21740.5

Pumps	ETM
P-1	49790.3
P-2	30742.9

Pumps	ETM
P-1	77027.4
P-2	53798.9

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 280516 x 100 = 28,051,600

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9419.9	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14756.8	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57556.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2250.2	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 3/26/2009 Initials JM

1. Downgradient Collection Sumps

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

Pumps	ETM
P-1	22798.6
P-2	21740.5

Pumps	ETM
P-1	49830.2
P-2	30742.9

Pumps	ETM
P-1	77067.4
P-2	53798.9

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 281176 x 100 = 28,117,600

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9422.3	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14756.2	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57556.9	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2250.3	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 1/6/2009 Initials JM

1. Downgradient Collection Sumps

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

Pumps	ETM
P-1	22573.4
P-2	21740.5

Pumps	ETM
P-1	49304.5
P-2	30742.9

Pumps	ETM
P-1	76557.9
P-2	53796.3

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 272793 x 100 = 27,279,300

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9384.0	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14753.1	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57523.9	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2249.1	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 3/31/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H [L] O		H [L] O		H [L] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 22847.4		P-1 49941.7		P-1 77177.6	
	P-2 21740.5		P-2 30742.9		P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 282969 x 100 = 28,296,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9430.0	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14757.1	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57579.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2250.3	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

D. Check liquid level in sump [X] Low [ ] High [ ] Other

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

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1 [ ] Yes [ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 4/14/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H [L] O		H [L] O		H [L] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 23013.6		P-1 50361.9		P-1 77590.1	
	P-2 21740.5		P-2 30742.9		P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 286776 x 100 = 28,677,600

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9469.4	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14760.8	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57667.8	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2251.3	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 4/16/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	X On ☐ Off	X On ☐ Off	X On ☐ Off	X On ☐ Off	X On ☐ Off	X On ☐ Off
B. Running Light On	X Yes ☐ No	☐ Yes X No	☐ Yes X No	☐ Yes X No	☐ Yes X No	☐ Yes X No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X
D. Liquid Level in Sump	H L O ☐ ☐ X		H L O ☐ ☐ X		H L O ☐ ☐ X	
E. Leak in Manifold Piping	☐ Yes X No		☐ Yes X No		☐ Yes X No	
	Pumps ETM P-1 23037.0 P-2 21740.5		Pumps ETM P-1 50421.7 P-2 30742.9		Pumps ETM P-1 77649.1 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 287627 x 100 = 28,762,700

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9474.1	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14761.3	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57680.2	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2251.4	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 4/2/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H [L] O		H [L] O		H [L] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
Pumps / ETM	P-1 22868.6 P-2 21740.5		P-1 49991.9 P-2 30742.9		P-1 77225.1 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 283755 x 100 = 28,375,500

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9433.1	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14757.3	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57590.3	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2250.3	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

D. Check liquid level in sump [X] Low [ ] High [ ] Other

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

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1 [ ] Yes [ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 4/21/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A
D. Liquid Level in Sump	H [X]L O		H [X]L O		H [X]L O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 23096.1 P-2 21740.5		Pumps ETM P-1 50586.5 P-2 30742.9		Pumps ETM P-1 77811.8 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 289909 x 100 = 28,990,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9490.0	[ ]	[ ]	[ ]
P-2	5643.1	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14762.2	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57738.4	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2252.1	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 4/23/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	[H X] O A	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	H [L X] O		H [L X] O		H [L X] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
Pumps	ETM		ETM		ETM	
P-1	23137.7		50658.6		77890.9	
P-2	21762.7		30742.9		53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 291578 x 100 = 29,157,800

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9500.5	[ ]	[ ]	[ ]
P-2	5643.1	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14763.1	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57755.4	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2252.4	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 4/28/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A
D. Liquid Level in Sump	H [X]L O		H [X]L O		H [X]L O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 23205.4		P-1 50823.3		P-1 78063.1	
	P-2 21790.9		P-2 30742.9		P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 294710 x 100 = 29,471,000

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9513.7	[ ]	[ ]	[ ]
P-2	5643.1	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14764.5	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57761.7	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2252.6	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] 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: 4/30/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H [L] O		H [L] O		H [L] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
Pumps / ETM	P-1 23228.2 P-2 21791.0		P-1 50888.1 P-2 30742.9		P-1 78128.3 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 295704 x 100 = 29,570,400

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9517.4	[ ]	[ ]	[ ]
P-2	5643.1	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14764.8	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57762.2	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2252.6	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 4/7/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]
D. Liquid Level in Sump	H L O [ ] [X] [ ]		H L O [ ] [ ] [X]		H L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
Pumps / ETM	P-1 22924.8 P-2 21740.5		P-1 50142.7 P-2 30742.9		P-1 77371.8 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 284160 x 100 = 28,416,000

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9451.5	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14758.7	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57642.6	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2251.0	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 4/9/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[X] Yes [ ] No	[ ] Yes [X] No	[X] Yes [ ] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	H [L X] O		H [L X] O		H [L X] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 22952.4 P-2 21740.5		Pumps ETM P-1 50210.1 P-2 30742.9		Pumps ETM P-1 77439.6 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 284576 x 100 = 28,457,600

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9457.5	[ ]	[ ]	[ ]
P-2	5641.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14759.7	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57647.5	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2251.1	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

D. Check liquid level in sump [X] Low [ ] High [ ] Other

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

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1 [ ] Yes [ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 5/5/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H [L] O		H [L] O		H [L] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 23282.0		P-1 51036.6		P-1 78274.1	
	P-2 21791.0		P-2 30742.9		P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 299290 x 100 = 29,929,000

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9526.8	[ ]	[ ]	[ ]
P-2	5643.1	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14765.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57781.0	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2252.6	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 5/7/2009 Initials JM

	D-1		D-8		D-10	
1. Downgradient Collection Sumps	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A
D. Liquid Level in Sump	H [X]L O		H [ ]L [X]O		H [ ]L [X]O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 23306.7 P-2 21791.0		Pumps ETM P-1 51104.7 P-2 30742.9		Pumps ETM P-1 78339.1 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 300373 x 100 = 30,037,300

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9534.7	[ ]	[ ]	[ ]
P-2	5643.1	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14766.2	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57824.5	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2253.0	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 5/13/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 23416.2		P-1 51338.7		P-1 78589.5	
	P-2 21791.0		P-2 30742.9		P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 305115 x 100 = 30,511,500

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9567.9	[ ]	[ ]	[ ]
P-2	5643.4	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14767.6	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57886.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2253.6	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 5/15/2009 Initials RH

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A
D. Liquid Level in Sump	H L [X]O		H L [X]O		H L [X]O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 23442.7 P-2 21791.0		Pumps ETM P-1 P-2		Pumps ETM P-1 P-2	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 306343 x 100 = 30,634,300

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

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

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

4. LIFT STATION NO. 2

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

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

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57889.8	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2253.7	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 5/19/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	H L [O X]		H L [O X]		H L [O X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 23507.4		P-1 51519.9		P-1 78772.2	
	P-2 21791.0		P-2 30742.9		P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 308263 x 100 = 30,826,300

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9577.0	[ ]	[ ]	[ ]
P-2	5643.4	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14768.7	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57894.3	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2253.7	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 5/21/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
Pumps	ETM		ETM		ETM	
P-1	23527.9		51579.1		78830.4	
P-2	21791.0		30742.9		53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 309407 x 100 = 30,940,700

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9579.4	[ ]	[ ]	[ ]
P-2	5643.4	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14768.7	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57894.6	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2253.7	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 5/26/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 23580.2 P-2 21791.0		Pumps ETM P-1 51727.1 P-2 30743		Pumps ETM P-1 78976.6 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 312112 x 100 = 31,211,200

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9585.2	[ ]	[ ]	[ ]
P-2	5643.4	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14769.3	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57895.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2253.7	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 5/28/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	H [L X] O		H [L X] O		H [L X] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 23597.0		P-1 51772.5		P-1 79021.1	
	P-2 21791.0		P-2 30743.1		P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 313024 x 100 = 31,302,400

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9586.9	[ ]	[ ]	[ ]
P-2	5643.4	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14769.6	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57895.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2253.7	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

Alarm Indicators:

	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

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

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

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

Date: 6/2/2009 Initials JM

1. Downgradient Collection Sumps	D-1	D-8	D-10
	Pump 1 / Pump 2	Pump 1 / Pump 2	Pump 1 / Pump 2
A. Circuit Breakers	[X] On [ ] Off / [X] On [ ] Off	[X] On [ ] Off / [X] On [ ] Off	[X] On [ ] Off / [X] On [ ] Off
B. Running Light On	[X] Yes [ ] No / [ ] Yes [X] No	[ ] Yes [X] No / [ ] Yes [X] No	[ ] Yes [X] No / [ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A: [ ] [ ] [X] / H O A: [ ] [ ] [X]	H O A: [ ] [ ] [X] / H O A: [ ] [ ] [X]	H O A: [ ] [ ] [X] / H O A: [ ] [ ] [X]
D. Liquid Level in Sump	H L O: [ ] [ ] [X]	H L O: [ ] [ ] [X]	H L O: [ ] [ ] [X]
E. Leak in Manifold Piping	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
	Pumps / ETM: P-1 23645.8, P-2 21791.0	Pumps / ETM: P-1 51902.5, P-2 30769.7	Pumps / ETM: P-1 79148.9, P-2 53798.9

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 315364 x 100 = 31,536,400

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9592.3	[ ]	[ ]	[ ]
P-2	5643.5	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14770.3	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57904.8	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2253.8	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 6/4/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
Pumps / ETM	P-1 23665.8 P-2 21791.0		P-1 51954.5 P-2 30782.5		P-1 79200 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 316285 x 100 = 31,628,500

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9594.8	[ ]	[ ]	[ ]
P-2	5643.5	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14770.3	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57923.4	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2254.0	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 6/9/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A
D. Liquid Level in Sump	H L [X]O		H L [X]O		H L [X]O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 23720.0		P-1 52116.5		P-1 79374.7	
	P-2 21791.0		P-2 30855.7		P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 319001 x 100 = 31,900,100

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9603.6	[ ]	[ ]	[ ]
P-2	5643.5	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14770.8	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57965.4	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2254.5	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

D. Check liquid level in sump [X] Low [ ] High [ ] Other

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

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 6/11/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ][ ][X]	H O A [ ][ ][X]	H O A [ ][ ][X]	H O A [ ][ ][X]	H O A [ ][ ][X]	H O A [ ][ ][X]
D. Liquid Level in Sump	H L O [ ][ ][X]		H L O [ ][ ][X]		H L O [ ][ ][X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 23742.5 P-2 21791.0		Pumps ETM P-1 52183.2 P-2 30868.3		Pumps ETM P-1 79435.9 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 320253 x 100 = 32,025,300

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9609.6	[ ]	[ ]	[ ]
P-2	5643.5	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14770.9	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	57995.0	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2254.8	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 6/16/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A
D. Liquid Level in Sump	H L [X]O		H L [X]O		H L [X]O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
Pumps / ETM	P-1 23801.8 P-2 21791.0		P-1 52362.8 P-2 30980.1		P-1 79597.2 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 323135 x 100 = 32,313,500

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9625.3	[ ]	[ ]	[ ]
P-2	5643.5	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58054.4	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2255.5	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 6/18/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	X On ☐ Off	X On ☐ Off	X On ☐ Off	X On ☐ Off	X On ☐ Off	X On ☐ Off
B. Running Light On	X Yes ☐ No	☐ Yes X No	☐ Yes X No	☐ Yes X No	☐ Yes X No	☐ Yes X No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X
D. Liquid Level in Sump	H L O ☐ ☐ X		H L O ☐ ☐ X		H L O ☐ ☐ X	
E. Leak in Manifold Piping	☐ Yes X No		☐ Yes X No		☐ Yes X No	
	Pumps ETM P-1 23826.1 P-2 21791.0		Pumps ETM P-1 52435.7 P-2 31013.8		Pumps ETM P-1 79664.3 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 324262 x 100 = 32,426,200

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9631.2	[ ]	[ ]	[ ]
P-2	5643.5	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58060.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2255.5	[ ]	[ ]	[ ]
P-2	3355.6	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 6/23/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
Pumps / ETM	P-1 23917.9 P-2 21796.0		P-1 52674.6 P-2 31013.8		P-1 79938.7 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 328723 x 100 = 32,872,300

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9683.6	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58178.7	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2294.5	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 6/25/2009 Initials JM

	D-1		D-8		D-10	
1. Downgradient Collection Sumps	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [X] A	H O [X] A	H O [X] A	H O [X] A	H O [X] A	H O [X] A
D. Liquid Level in Sump	H L [X] O		H L [X] O		H L [X] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 23948.3 P-2 21796.0		Pumps ETM P-1 52749.4 P-2 31013.8		Pumps ETM P-1 80025.8 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 330170 x 100 = 33,017,000

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9690.2	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58183.8	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2294.6	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 6/30/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A	H O [X]A
D. Liquid Level in Sump	H L [X]O		H L [X]O		H L [X]O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24008.7 P-2 21796.0		Pumps ETM P-1 52929.1 P-2 31013.8		Pumps ETM P-1 80217.1 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 333116 x 100 = 33,311,600

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	92702.1	[ ]	[ ]	[ ]
P-2	5629.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58201.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2295.1	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

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

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

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

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

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-1-1			
	D-1 Valve Box	Appears one or both Check valves has failed	Contact DEP and Inform them of the problem and locate replacement valves. Valves ordered June 18th with a 2 to 3 week lead time.

DATE:6/17//09

INSPECTED BY: JM

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

Date: 7/2/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]
D. Liquid Level in Sump	**H** L O [ ] [ ] [X]		**H** L O [ ] [ ] [X]		**H** L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps / ETM		Pumps / ETM		Pumps / ETM	
	P-1 24028.1		P-1 52998.1		P-1 80287.3	
	P-2 21796.0		P-2 31013.8		P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 334062 x 100 = 33,406,200

4. D-1 Forcemain Pressure

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

Date: 7/2/2009 Initials JM

1. Downgradient Collection Sumps

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

Pumps	ETM
P-1	24028.1
P-2	21796.0

Pumps	ETM
P-1	52998.1
P-2	31013.8

Pumps	ETM
P-1	80287.3
P-2	53798.9

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 334062 x 100 = 33,406,200

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9705.5	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58209.9	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2295.1	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 7/7/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]
D. Liquid Level in Sump	[H] L O [X]		[H] L O [X]		[H] L O [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24073.2 P-2 21796.0		Pumps ETM P-1 53164.1 P-2 31013.8		Pumps ETM P-1 80449 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 336191 x 100 = 33,619,100

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9712.8	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58213.0	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2295.1	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 7/10/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	H L [O X]		H L [O X]		H L [O X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24099.0 P-2 21796.0		Pumps ETM P-1 53258.3 P-2 31013.8		Pumps ETM P-1 80538.8 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 337469 x 100 = 33,746,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9716.7	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58219.4	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2295.7	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 7/16/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]
D. Liquid Level in Sump	H L [O] [X]		H L [O] [X]		H L [O] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24149.8		P-1 53435.2		P-1 80759.7	
	P-2 21796.0		P-2 31013.8		P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 340182 x 100 = 34,018,200

4. D-1 Forcemain Pressure

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

Date: 7/23/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]
D. Liquid Level in Sump	**H** L O [ ][ ][X]		**H** L O [ ][ ][X]		**H** L O [ ][ ][X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24209.7 P-2 21796.0		Pumps ETM P-1 53621.3 P-2 31013.8		Pumps ETM P-1 81277.2 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 343399 x 100 = 34,339,900

4. D-1 Forcemain Pressure

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

Date: 7/14/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	H L [O X]		H L [O X]		H L [O X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24133.4 P-2 21796.0		Pumps ETM P-1 53378.4 P-2 31013.8		Pumps ETM P-1 80706.4 P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 339018 x 100 = 33,901,800

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9721.4	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58230.6	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2295.8	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

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

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

* Alarm panel has been removed from Site

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

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

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

Date: 7/16/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]
D. Liquid Level in Sump	**H** L O [X]		**H** L O [X]		**H** L O [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24149.8		P-1 53435.2		P-1 80759.7	
	P-2 21796.0		P-2 31013.8		P-2 53798.9	

2. Downgradient and Curtain Drain

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

3. D-1 Forcemain Flow Totalizer 340182 x 100 = 34,018,200

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9723.5	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

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

4. LIFT STATION NO. 2

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

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

5. DECONTAMINATION TRAILER

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

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58232.2	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

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

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

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

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2295.9	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

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

8. CARBON ADSROPTION SYSTEM

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

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

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

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

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 7/21/2009 Initials JM

	D-1		D-8		D-10	
1. Downgradient Collection Sumps	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24191.9 P-2 21796.0		Pumps ETM P-1 53569.3 P-2 31013.8		Pumps ETM P-1 81226.8 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 342471 x 100 = 34,247,100

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9729.1	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other	
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping	[ ] Yes	[X] No	
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate	[ ] Yes	[X] No	
G. Check if a pump is out of service	[ ] Pump 1	[ ] Pump 2	

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating	[ ]	Yes	[X]	No		
C. Alarm indicator Lights	[ ]	Yes	[X]	No		

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58249.0	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating	[ ]	Yes	[X]	No		
C. Alarm indicator Lights	[ ]	Yes	[X]	No		

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2296.0	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping	[ ]	Yes	[X]	No		
G. Check if a pump is out of service	[ ]	Pump 1	[ ]	Pump 2		

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 7/23/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]
D. Liquid Level in Sump	**H** L O [ ] [ ] [X]		**H** L O [ ] [ ] [X]		**H** L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24209.7 P-2 21796.0		Pumps ETM P-1 53621.3 P-2 31013.8		Pumps ETM P-1 81277.2 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 343399 x 100 = 34,339,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9732.2	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58265.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2296.2	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 7/28/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	H L [O X]		H L [O X]		H L [O X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24209.7		P-1 53621.3		P-1 81277.2	
	P-2 21796.0		P-2 31013.8		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 345276 x 100 = 34,527,600

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9741.1	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58307.6	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2296.6	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 7/30/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]
D. Liquid Level in Sump	H L O [ ] [ ] [X]		H L O [ ] [ ] [X]		H L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24275.0 P-2 21796.1		Pumps ETM P-1 53835.5 P-2 31013.8		Pumps ETM P-1 81481 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 345742 x 100 = 34,574,200

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9745.4	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other	
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58332.2	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2296.9	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-1			
	D-1 Valve Box	Appears one or both Check valves has failed	Received replacement check valves on 7/16/09 and the installation is being scheduled.
GWL-1	D-8	Breaker to pump#2 is tripping	Problem found on 7/23. Further invest on 7/24 revealed that a replacement of the pump is needed. On 7/28 replacement pumps were located and inspected. Installation is being scheduled. A confined space entry is needed.

DATE: ~~6/17/09~~ 7/30/09

INSPECTED BY: JM

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/4/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[X] Yes [ ] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24324.6 P-2 21796.1		Pumps ETM P-1 54006.2 P-2 31013.8		Pumps ETM P-1 81641.1 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 346977 x 100 = 34,697,700

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9756.8	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58380.2	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2297.4	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/6/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A] X	H O [A] X	H O [A] X	H O [A] X	H O [A] X	H O [A] X
D. Liquid Level in Sump	H L [O] X		H L [O] X		H L [O] X	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24341.6		P-1 54105.3		P-1 81704.7	
	P-2 21796.7		P-2 31035.9		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 348034 x 100 = 34,803,400

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9759.6	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other	
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping	[ ] Yes	[X] No	
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate	[ ] Yes	[X] No	
G. Check if a pump is out of service	[ ] Pump 1	[ ] Pump 2	

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58381.2	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2297.4	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/11/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A] X	H O [A] X	H O [A] X	H O [A] X	H O [A] X	H O [A] X
D. Liquid Level in Sump	H L [O] X		H L [O] X		H L [O] X	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24355.7		P-1 54329.7		P-1 81845.2	
	P-2 21796.7		P-2 31108.6		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 348350 x 100 = 34,835,000

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9764.9	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other	
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58386.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2297.5	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/13/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]
D. Liquid Level in Sump	**H** L O [ ] [ ] [X]		**H** L O [ ] [ ] [X]		**H** L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24360.3 P-2 21796.8		Pumps ETM P-1 54415.3 P-2 31133.4		Pumps ETM P-1 81894.3 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 348456 x 100 = 34,845,600

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9767.9	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58390.9	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2297.5	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/18/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** [X]	H O **A** [X]	H O **A** [X]	H O **A** [X]	H O **A** [X]	H O **A** [X]
D. Liquid Level in Sump	**H** L O [X]		**H** L O [X]		**H** L O [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24370.7 P-2 21796.8		Pumps ETM P-1 54634.5 P-2 31190.7		Pumps ETM P-1 82011.5 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 348887 x 100 = 34,888,700

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9771.3	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other	
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping	[ ] Yes	[X] No	
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate	[ ] Yes	[X] No	
G. Check if a pump is out of service	[ ] Pump 1	[ ] Pump 2	

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58397.7	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2297.5	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/20/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24378.0 P-2 21796.8		Pumps ETM P-1 54727.4 P-2 31211.2		Pumps ETM P-1 82059.2 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 349687 x 100 = 34,968,700

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9774.8	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other	
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58417.8	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2297.8	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/25/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]
D. Liquid Level in Sump	H L [O] [X]		H L [O] [X]		H L [O] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24394.4		P-1 54805.4		P-1 82188.2	
	P-2 21796.8		P-2 31252		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 350841 x 100 = 35,084,100

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9783.5	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58460.6	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2298.5	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 8/27/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** [X]	H O **A** [X]	H O **A** [X]	H O **A** [X]	H O **A** [X]	H O **A** [X]
D. Liquid Level in Sump	**H** L O [X]		**H** L O [X]		**H** L O [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24400.7 P-2 21796.8		Pumps ETM P-1 54830.1 P-2 31271.2		Pumps ETM P-1 82238.9 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 351080 x 100 = 35,108,000

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9785.4	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58466.6	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2298.6	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-1			
	D-1 Valve Box	Appears one or both Check valves has failed	Failed Valve replaced on August 4th
	D-8	Breaker to pump#2 is tripping	Problem found on 7/23, pump replaced on August 4th
	D-1 Valve Box	Valve Vault cover loose requires new Hinges	Problem Identified on August 11th and repaired completed August 12th
	D-8	High Level Float failed and requires replacement	Problem Identified on August 20th and float replaced on August 20th.

DATE: 8/27/09 INSPECTED BY: JM

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 9/1/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ][ ][X]	H O A [ ][ ][X]	H O A [ ][ ][X]	H O A [ ][ ][X]	H O A [ ][ ][X]	H O A [ ][ ][X]
D. Liquid Level in Sump	H L O [ ][ ][X]		H L O [ ][ ][X]		H L O [ ][ ][X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24414.8 P-2 21796.8		Pumps ETM P-1 54882.5 P-2 31318.4		Pumps ETM P-1 82355.9 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 351596 x 100 = 35,159,600

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9790.3	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58485.2	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2298.9	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[ ] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Inspected By : John Matthews

Signature :

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 9/3/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	**H** L O [X]		**H** L O [X]		**H** L O [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	

D-1 Pumps	ETM
P-1	24421.5
P-2	21796.8

D-8 Pumps	ETM
P-1	54912.9
P-2	31342.3

D-10 Pumps	ETM
P-1	82400
P-2	53798.9

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 351827 x 100 = 35,182,700

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9792.8	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other	
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping	[ ] Yes	[X] No	
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate	[ ] Yes	[X] No	
G. Check if a pump is out of service	[ ] Pump 1	[ ] Pump 2	

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58491.2	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2298.9	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[ ] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Inspected By : John Matthews

Signature :

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 9/8/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]
D. Liquid Level in Sump	H L O [ ] [ ] [X]		H L O [ ] [ ] [X]		H L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24429.4 P-2 21796.8		Pumps ETM P-1 54945.3 P-2 31372.9		Pumps ETM P-1 82499.6 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 352097 x 100 = 35,209,700

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9795.8	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58495.8	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2299.0	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ]	Yes	[ ]	No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Inspected By : John Matthews

Signature :

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 9/10/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]
D. Liquid Level in Sump	**H** L O [ ] [ ] [X]		**H** L O [ ] [ ] [X]		**H** L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps / ETM		Pumps / ETM		Pumps / ETM	
	P-1 24433.2		P-1 54968.7		P-1 82537.8	
	P-2 21796.8		P-2 31381.4		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 352224 x 100 = 35,222,400

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9797.2	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58497.3	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2299.0	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Inspected By: John Matthews

Signature :

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 9/15/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	H L [O X]		H L [O X]		H L [O X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
Pumps / ETM	P-1 24442.5 P-2 21796.8		P-1 55017.3 P-2 31410.7		P-1 82732.1 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 352547 x 100 = 35,254,700

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9801.5	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58520.4	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2299.3	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Inspected By: John Matthews

Signature:

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 9/17/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]
D. Liquid Level in Sump	H L O [ ] [ ] [X]		H L O [ ] [ ] [X]		H L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24446.0		P-1 55031.9		P-1 82769.9	
	P-2 21796.8		P-2 31424.7		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 352669 x 100 = 35,266,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9803.0	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58522.5	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High	
B. Are sump pumps operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2299.3	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[ ] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Inspected by: John Matthews

Signature:

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 9/22/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]
D. Liquid Level in Sump	H L O [ ] [ ] [X]		H L O [ ] [ ] [X]		H L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24453.7 P-2 21796.8		Pumps ETM P-1 55065.7 P-2 31456.9		Pumps ETM P-1 82858.2 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 352951 x 100 = 35,295,100

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9806.2	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58524.2	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2299.4	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Inspected by: John Matthews

Signature:

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 9/24/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]
D. Liquid Level in Sump	[H] L O [X]		[H] L O [X]		[H] L O [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24456.5		P-1 55080.2		P-1 82890.5	
	P-2 21796.8		P-2 31467.3		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 353053 x 100 = 35,305,300

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9807.3	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other	
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58524.2	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2299.4	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[ ] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Inspected by : John Matthews

Signature_

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 9/29/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]: [X]	H O [A]: [X]	H O [A]: [X]	H O [A]: [X]	H O [A]: [X]	H O [A]: [X]
D. Liquid Level in Sump	[H] L O: [X]		[H] L O: [X]		[H] L O: [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps / ETM		Pumps / ETM		Pumps / ETM	
	P-1 24462.8		P-1 55104.7		P-1 82990.4	
	P-2 21796.8		P-2 31503.4		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 353294 x 100 = 35,329,400

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9811.4	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other	
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping	[ ] Yes	[X] No	
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate	[ ] Yes	[X] No	
G. Check if a pump is out of service	[ ] Pump 1	[ ] Pump 2	

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58556.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2299.7	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

Inspected by: John Matthews

Signature -

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 10/1/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]	H O [A X]
D. Liquid Level in Sump	H L [O X]		H L [O X]		H L [O X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24466.1 P-2 21796.8		Pumps ETM P-1 55116.0 P-2 31516.2		Pumps ETM P-1 83022.1 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 353425 x 100 = 35,342,500

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9813.1	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58558.5	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2299.8	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 10/6/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]
D. Liquid Level in Sump	H L O [ ] [ ] [X]		H L O [ ] [ ] [X]		H L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24473.1 P-2 21796.8		Pumps ETM P-1 55142.4 P-2 31550.8		Pumps ETM P-1 83101.7 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 353717 x 100 = 35,371,700

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9817.7	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain		[ ] Yes	[X] No
B. Are sump pumps operating		[ ] Yes	[X] No
C. Are the alarms or indicator lights on		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58582.7	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2300.1	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 10/8/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]
D. Liquid Level in Sump	[H] L O [X]		[H] L O [X]		[H] L O [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24476.4		P-1 55154.4		P-1 83134.5	
	P-2 21796.8		P-2 31564.2		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 353856 x 100 = 35,385,600

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9819.4	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58589.3	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2300.2	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 10/13/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps / ETM		Pumps / ETM		Pumps / ETM	
	P-1 24483.7		P-1 55181.8		P-1 83317.1	
	P-2 21796.8		P-2 31593..7		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 354166 x 100 = 35,416,600

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9822.9	[ ]	[ ]	[ ]
P-2	5649.8	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58595.6	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2300.4	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 10/15/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]
D. Liquid Level in Sump	**H** L O [ ][ ][X]		H L O [ ][ ][X]		H L O [ ][ ][X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24486.5 P-2 21796.8		Pumps ETM P-1 55195.4 P-2 31603.8		Pumps ETM P-1 83348.4 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 354290 x 100 = 35,429,000

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9824.8	[ ]	[ ]	[ ]
P-2	5649.9	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58599.7	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2300.5	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 10/20/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24493.3		P-1 55217.4		P-1 83535.8	
	P-2 21796.8		P-2 31639.5		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 354597 x 100 = 35,459,700

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9830.7	[ ]	[ ]	[ ]
P-2	5649.9	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58626.8	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2300.7	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 10/22/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24496.1 P-2 21796.8		Pumps ETM P-1 55228.9 P-2 31650.5		Pumps ETM P-1 83568.1 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 354723 x 100 = 35,472,300

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9832.4	[ ]	[ ]	[ ]
P-2	5649.9	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58629.5	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2300.8	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 10/27/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]	H O **A** [ ][ ][X]
D. Liquid Level in Sump	**H** L O [ ][ ][X]		H L O [ ][ ][X]		H L O [ ][ ][X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24506.2		P-1 55263.6		P-1 83737	
	P-2 21796.8		P-2 31689.5		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 355183 x 100 = 35,518,300

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9844.5	[ ]	[ ]	[ ]
P-2	5650.3	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58686.7	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2301.4	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 10/29/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24516.4		P-1 55287.1		P-1 83845.7	
	P-2 21796.8		P-2 31713.1		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 355649 x 100 = 35,564,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9861.7	[ ]	[ ]	[ ]
P-2	5650.4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58750.5	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2302.0	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 11/3/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]
D. Liquid Level in Sump	H L O [ ] [ ] [X]		H L O [ ] [ ] [X]		H L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24535.8 P-2 21796.8		Pumps ETM P-1 55348.7 P-2 31769.8		Pumps ETM P-1 83945.6 P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 356529 x 100 = 35,652,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9877.4	[ ]	[ ]	[ ]
P-2	5650.4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58762.9	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2302.3	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 11/5/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]
D. Liquid Level in Sump	H L O [X] [ ] [ ]		H L O [ ] [X] [ ]		H L O [ ] [X] [ ]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24535.8		P-1 55369.8		P-1 83945.6	
	P-2 21796.8		P-2 31788		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 356529 x 100 = 35,652,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating	[ ]		[ ]	Yes	[X]	No
C. Alarm indicator Lights	[ ]		[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9877.4	[ ]	[ ]	[ ]
P-2	5650.4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Check for leak in manifold leachate piping			[X]	yes check completed	[ ]	No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ]	Yes			[X]	No
B. Are sump pumps operating	[ ]	Yes			[X]	No
C. Are the alarms or indicator lights on	[X]	Yes			[ ]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X]	Low	[ ]	High	[ ]	Other
E. Any leaks in the manifold discharge piping			[ ]	Yes	[X]	No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ]	Yes	[*]	No
B. Is sump pump operating	[ ]	Yes	[X]	No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58762.9	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2302.3	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [ ] 1/4 [ ] 1/2 [X] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 11/10/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]
D. Liquid Level in Sump	H L O [X] [ ] [ ]		H L O [ ] [X] [ ]		H L O [ ] [X] [ ]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24535.8		P-1 55369.8		P-1 83945.6	
	P-2 21796.8		P-2 31788.9		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 356529 x 100 = 35,652,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9877.4	[ ]	[ ]	[ ]
P-2	5650.4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[X] Yes	[ ] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58762.9	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2302.4	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [ ] 1/4 [ ] 1/2 [X] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 11/12/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]	H O A [ ] [X] [ ]
D. Liquid Level in Sump	H L O [X] [ ] [ ]		H L O [ ] [X] [ ]		H L O [ ] [X] [ ]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24535.8		P-1 55369.8		P-1 83945.6	
	P-2 21796.8		P-2 31788.9		P-2 53798.9	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 356529 x 100 = 35,652,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9877.4	[ ]	[ ]	[ ]
P-2	5650.4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[X] Yes	[ ] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58762.9	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2302.4	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [ ] 1/4 [ ] 1/2 [X] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 11/17/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H [L] O	H [L] O	H [L] O	H [L] O	H [L] O	H [L] O
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24551.3		P-1 55585.4		P-1 84033.4	
	P-2 21797.4		P-2 31998.2		P-2 53806.4	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 357232 x 100 = 35,723,200

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9884.2	[ ]	[ ]	[ ]
P-2	5652.2	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[X] Yes	[ ] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes [X] Low [ ] Normal [ ] High
B. Are Sump Pumps Operating [ ] Yes [X] No
C. Alarm indicator Lights [ ] Yes [X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58765.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter [X]
E. Check for leak in manifold discharge piping [X] yes check [ ] No
F. Check if pump is out of service [ ] P-1 [ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes [X] Low [ ] Normal [ ] High
B. Are sump pumps operating [ ] Yes [X] No
C. Alarm indicator Lights [ ] Yes [X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2302.6	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump [X] Low [ ] High [ ] Other

E. Is there any leak in the storage tanks and manifold discharge piping [ ] Yes [X] No

G. Check if a pump is out of service [ ] Pump 1 [ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on [ ] Yes [X] No
B. Activated carbon canisters operating (On Line) [X] Yes [ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1 [ ] Yes [ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [ ] 1/4 [X] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 11/19/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H [L] O	H [L] O	H [L] O		H [L] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	

Pumps	ETM
P-1	24566.3
P-2	21797.3

Pumps	ETM
P-1	55611.1
P-2	32018.2

Pumps	ETM
P-1	84107.5
P-2	53806.6

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 357915 x 100 = 35,791,500

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9890.2	[ ]	[ ]	[ ]
P-2	5652.2	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[X] Yes	[ ] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58765.8	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2302.7	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 11/24/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]	H O A [ ] [ ] [X]
D. Liquid Level in Sump	H L O [ ] [X] [ ]		H L O [ ] [X] [ ]		H L O [ ] [X] [ ]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24581.9 P-2 21797.4		Pumps ETM P-1 55669.4 P-2 32062.5		Pumps ETM P-1 84273.1 P-2 53806.4	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 358610 x 100 = 35,861,000

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9906.8	[ ]	[ ]	[ ]
P-2	5652..4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[X] Yes	[ ] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are Sump Pumps Operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58790.7	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]	
E. Check for leak in manifold discharge piping	[X]	yes check	[ ]	No
F. Check if pump is out of service	[ ]	P-1	[ ]	P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X]	Low	[ ]	Normal	[ ]	High
B. Are sump pumps operating			[ ]	Yes	[X]	No
C. Alarm indicator Lights			[ ]	Yes	[X]	No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2302.9	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X]	Low	[ ]	High	[ ]	Other
E. Is there any leak in the storage tanks and manifold discharge piping			[ ]	Yes	[X]	No
G. Check if a pump is out of service			[ ]	Pump 1	[ ]	Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ]	Yes	[X]	No
B. Activated carbon canisters operating (On Line)	[X]	Yes	[ ]	No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ]	Yes	[ ]	No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 11/27/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]	H O [A] [X]
D. Liquid Level in Sump	[H] L O [X]		[H] L O [X]		[H] L O [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24588.7		P-1 55702.3		P-1 84322.5	
	P-2 21797.4		P-2 32087.9		P-2 53806.4	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 358900 x 100 = 35,890,000

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9914.8	[ ]	[ ]	[ ]
P-2	5652..4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[X] Yes	[ ] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes [X] Low [ ] Normal [ ] High
B. Are Sump Pumps Operating [ ] Yes [X] No
C. Alarm indicator Lights [ ] Yes [X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58792.3	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter [X]
E. Check for leak in manifold discharge piping [X] yes check [ ] No
F. Check if pump is out of service [ ] P-1 [ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes [X] Low [ ] Normal [ ] High
B. Are sump pumps operating [ ] Yes [X] No
C. Alarm indicator Lights [ ] Yes [X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2302.9	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump [X] Low [ ] High [ ] Other

E. Is there any leak in the storage tanks and manifold discharge piping [ ] Yes [X] No

G. Check if a pump is out of service [ ] Pump 1 [ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on [ ] Yes [X] No
B. Activated carbon canisters operating (On Line) [X] Yes [ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1 [ ] Yes [ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-1	LS#2	Fault light on pump #2	Repaired wires inside of the panel
	D-1	High water level	System manually turned off as per Rupac. Will turn system back on and correct the problem when instructed by Rupac Raha. On 11/16/2009 problem corrected.
	Storage tanks	High water level	System manually turned off as per Rupac. Will turn system back on and correct the problem when instructed by Rupac Raha. On 11/16/2009 problem corrected.

DATE: 11/5/2009 INSPECTED BY: JM

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 12/3/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A] X	H O [A] X	H O [A] X	H O [A] X	H O [A] X	H O [A] X
D. Liquid Level in Sump	H L [O] X		H L [O] X		H L [O] X	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24600.9 P-2 21797.4		Pumps ETM P-1 55743.7 P-2 32146.8		Pumps ETM P-1 84456.5 P-2 53806.4	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 359433 x 100 = 35,943,300

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[X] Yes	[ ] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9931.0	[ ]	[ ]	[ ]
P-2	5652.6	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No	
B. Are sump pumps operating	[ ] Yes	[X] No	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping	[ ] Yes	[X] No	
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate	[ ] Yes	[X] No	
G. Check if a pump is out of service	[ ] Pump 1	[ ] Pump 2	

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58823.4	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High	
B. Are sump pumps operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2303.2	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 12/4/2009 Initials JM

1. Downgradient Collection Sumps	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]	H O **A** [ ] [ ] [X]
D. Liquid Level in Sump	**H** L O [ ] [ ] [X]		**H** L O [ ] [ ] [X]		**H** L O [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM P-1 24601.5 P-2 21797.4		Pumps ETM P-1 55803.1 P-2 32157.3		Pumps ETM P-1 84497.6 P-2 53806.4	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 359741 x 100 = 35,974,100

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[X] Yes	[ ] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9933.2	[ ]	[ ]	[ ]
P-2	5652.6	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58824.1	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter [X]
E. Check for leak in manifold discharge piping [X] yes check [ ] No
F. Check if pump is out of service [ ] P-1 [ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2303.3	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump [X] Low [ ] High [ ] Other

E. Is there any leak in the storage tanks and manifold discharge piping [ ] Yes [X] No

G. Check if a pump is out of service [ ] Pump 1 [ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on [ ] Yes [X] No
B. Activated carbon canisters operating (On Line) [X] Yes [ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1 [ ] Yes [ ] No
B. Settlement along alignment of forcemain 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	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 12/8/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H L [O]		H L [O]		H L [O]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24628.5		P-1 55814.3		P-1 84614.7	
	P-2 21797.4		P-2 32206.1		P-2 53807.4	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 360591 x 100 = 36,059,100

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[X] Low	[ ] Normal	[ ] High	
B. Are Sump Pumps Operating		[X] Yes	[ ] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	9983.9	[ ]	[ ]	[ ]
P-2	5652.6	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[ ] Yes	[X] No
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[ ] Low	[ ] High	[X] Other
E. Any leaks in the manifold discharge piping	[ ] Yes		[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate	[ ] Yes		[X] No
G. Check if a pump is out of service	[ ] Pump 1		[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58860.3	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[X] Low	[ ] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2303.7	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[ ] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[ ] No

FORM GWL-1 (continued)

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 12/10/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	X On ☐ Off	X On ☐ Off	X On ☐ Off	X On ☐ Off	X On ☐ Off	X On ☐ Off
B. Running Light On	X Yes ☐ No	☐ Yes X No	☐ Yes X No	☐ Yes X No	☐ Yes X No	☐ Yes X No
C. Selector Switch Position Han-Off Automatic (HOA)	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X	H O A ☐ ☐ X
D. Liquid Level in Sump	H L O ☐ ☐ X		H L O ☐ ☐ X		H L O ☐ ☐ X	
E. Leak in Manifold Piping	☐ Yes X No		☐ Yes X No		☐ Yes X No	
	Pumps ETM P-1 24643.3 P-2 21800.8		Pumps ETM P-1 55855.1 P-2 32238.5		Pumps ETM P-1 84725.8 P-2 53809.7	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain ☐ Yes X No

3. D-1 Forcemain Flow Totalizer 361248 x 100 = 36,124,800

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	10009.0	[ ]	[ ]	[ ]
P-2	5657.4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain		[ ] Yes	[X] No
B. Are sump pumps operating		[X] Yes	[ ]
C. Are the alarms or indicator lights on		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[ ] Low	[ ] High	[X] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58922.0	[ ]	[ ]	[ ]
P-2	22798.5	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2305.4	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [ ] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 12/15/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A**: [ ] [ ] [X]	H O **A**: [ ] [ ] [X]	H O **A**: [ ] [ ] [X]	H O **A**: [ ] [ ] [X]	H O **A**: [ ] [ ] [X]	H O **A**: [ ] [ ] [X]
D. Liquid Level in Sump	**H** L O: [ ] [X] [ ]		**H** L O: [ ] [ ] [X]		**H** L O: [ ] [ ] [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps / ETM		Pumps / ETM		Pumps / ETM	
	P-1 24705.8		P-1 55936.0		P-1 84952.7	
	P-2 21800.8		P-2 32307.6		P-2 53809.7	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 363914 x 100 = 36,391,400

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	10037.2	[ ]	[ ]	[ ]
P-2	5657.4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain		[ ] Yes	[X] No
B. Are sump pumps operating		[X] Yes	[ ]
C. Are the alarms or indicator lights on		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[ ] Low	[ ] High	[X] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58961.9	[ ]	[ ]	[ ]
P-2	22798.6	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter		[X]
E. Check for leak in manifold discharge piping	[X] yes check	[ ] No
F. Check if pump is out of service	[ ] P-1	[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2305.9	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 12/17/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O **A** [X]	H O **A** [X]	H O **A** [X]	H O **A** [X]	H O **A** [X]	H O **A** [X]
D. Liquid Level in Sump	**H** L O [X]		H L O [X]		**H** L O [X]	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24718.5		P-1 55970.8		P-1 85186.8	
	P-2 21800.8		P-2 32335.4		P-2 53809.7	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 364458 x 100 = 36,445,800

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	10046.3	[ ]	[ ]	[ ]
P-2	5657.4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No
B. Are sump pumps operating	[X] Yes	[ ]
C. Are the alarms or indicator lights on	[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58968.2	[ ]	[ ]	[ ]
P-2	22798.6	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2305.9	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 12/22/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[X] Yes [ ] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H [L] O		H [L] O		H [L] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24739.7		P-1 56033.9		P-1 85343.3	
	P-2 21800.8		P-2 32388.8		P-2 53809.7	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 365380 x 100 = 36,538,000

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[ ] Low	[X] Normal	[ ] High	
B. Are Sump Pumps Operating		[ ] Yes	[X] No	
C. Alarm indicator Lights		[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	10057.9	[ ]	[ ]	[ ]
P-2	5657.4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other	
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No	

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain	[ ] Yes	[X] No	
B. Are sump pumps operating	[X] Yes	[ ]	
C. Are the alarms or indicator lights on	[ ] Yes	[X] No	

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping	[ ] Yes	[X] No	
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate	[ ] Yes	[X] No	
G. Check if a pump is out of service	[ ] Pump 1	[ ] Pump 2	

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58975.9	[ ]	[ ]	[ ]
P-2	22798.6	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2306.3	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 12/24/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A] X	H O [A] X	H O [A] X	H O [A] X	H O [A] X	H O [A] X
D. Liquid Level in Sump	[H] [L] [O] X		[H] [L] [O] X		[H] [L] [O] X	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24747.6		P-1 56060.4		P-1 85399.5	
	P-2 21800.8		P-2 32406.4		P-2 53809.7	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 365739 x 100 = 36,573,900

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	10062.1	[ ]	[ ]	[ ]
P-2	5657.4	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain		[ ] Yes	[X] No
B. Are sump pumps operating		[X] Yes	[ ]
C. Are the alarms or indicator lights on		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	58978.8	[ ]	[ ]	[ ]
P-2	22798.6	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter		[X]
E. Check for leak in manifold discharge piping	[X] yes check	[ ] No
F. Check if pump is out of service	[ ] P-1	[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2306.3	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM GWL-1
WEEKLY (TWICE WEEKLY) O & M INSPECTION CHECKLIST
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

Date: 12/29/2009 Initials JM

1. Downgradient Collection Sumps

	D-1		D-8		D-10	
	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2
A. Circuit Breakers	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off	[X] On [ ] Off
B. Running Light On	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No	[ ] Yes [X] No
C. Selector Switch Position Han-Off Automatic (HOA)	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]	H O [A]
D. Liquid Level in Sump	H [L] O	H [L] O	H [L] O		H [L] O	
E. Leak in Manifold Piping	[ ] Yes [X] No		[ ] Yes [X] No		[ ] Yes [X] No	
	Pumps ETM		Pumps ETM		Pumps ETM	
	P-1 24803.7		P-1 56149.8		P-1 85627.5	
	P-2 21800.8		P-2 32478.4		P-2 53809.7	

2. Downgradient and Curtain Drain

A. Is there settlement along alignment of downgradient curtain drain [ ] Yes [X] No

3. D-1 Forcemain Flow Totalizer 368133 x 100 = 36,813,300

4. D-1 Forcemain Pressure

FORM GWL-1 (continued)

3. LIFT STATION NO. 1

A. Flow from Curtain Drain	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	10103.0	[ ]	[ ]	[ ]
P-2	5661.2	[ ]	[ ]	[ ]

D. Check liquid level in sump	[ ] Low	[ ] High	[X] Other
E. Check for leak in manifold leachate piping		[X] yes check completed	[ ] No

4. LIFT STATION NO. 2

A. Settlement along buried section of forcemain		[ ] Yes	[X] No
B. Are sump pumps operating		[X] Yes	
C. Are the alarms or indicator lights on		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	14771.0	[ ]	[ ]	[ ]
P-2	2691.1	[ ]	[ ]	[ ]

D. Check liquid level around stop planks Is the level,	[X] Low	[ ] High	[ ] Other
E. Any leaks in the manifold discharge piping		[ ] Yes	[X] No
F. Check surface water in the Bay and Rip-Rap Are there any signs of leachate		[ ] Yes	[X] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

5. DECONTAMINATION TRAILER

A. Is the trailer clean/sanitary	[ ] Yes	[*] No
B. Is sump pump operating	[ ] Yes	[X] No

* Decontamination trailer has been removed from site

FORM GWL-1 (continued)

6. DECONTAMINATION PAD/TRUCK FILL AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are Sump Pumps Operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	59073.6	[ ]	[ ]	[ ]
P-2	22798.6	[ ]	[ ]	[ ]

D. Check Decon-Area for leachate flow out of gravel perimeter			[X]
E. Check for leak in manifold discharge piping	[X] yes check		[ ] No
F. Check if pump is out of service	[ ] P-1		[ ] P-2

F. Truck Fill Totalizer 853743

7. LEACHATE STORAGE CONTAINMENT AREA AND SUMP

A. Flow through sump weep holes	[ ] Low	[X] Normal	[ ] High
B. Are sump pumps operating		[ ] Yes	[X] No
C. Alarm indicator Lights		[ ] Yes	[X] No

Pumps	ETM	High Temp	Seal Fail	Fault
P-1	2307.3	[ ]	[ ]	[ ]
P-2	3389.7	[ ]	[ ]	[ ]

D. Check liquid level in sump	[X] Low	[ ] High	[ ] Other
E. Is there any leak in the storage tanks and manifold discharge piping		[X] Yes	[ ] No
G. Check if a pump is out of service		[ ] Pump 1	[ ] Pump 2

8. CARBON ADSROPTION SYSTEM

A. Air Compressors on	[ ] Yes	[X] No
B. Activated carbon canisters operating (On Line)	[X] Yes	[ ] No

	ETM
Blower 1	31542.3
Blower 2	

9. CONTRACT HP-877 FORCE MAIN DISCHARGE TO POTW

A. Leakage from pipework in valve box beside Lift Station No. 1	[ ] Yes	[X] No
B. Settlement along alignment of forcemain to Burr Avenue manhole	[ ] Yes	[X] No

10. MOTOR CONTROL CENTER (MCC)

A. Are all breakers, for the following equipment, in the ON position:

Lift Station No. 1	[X] Yes	[ ] No
Lift Station No. 2	[X] Yes	[ ] No
Decontamination Sump	[X] Yes	[ ] No
Storage Containment Sump	[X] Yes	[ ] No
Site Lighting	[X] Yes	[ ] No

11. SECURITY TRAILER AND FENCING

A. Sign-In-Review Visitors log and Check-In with Guards [X] Yes

B. Check cleanliness of trailer
Is trailer clean [X] Yes [ ] No

C. Check Collection System Alarm Panel
Storage Tank Levels: [X] 1/4 [ ] 1/2 [ ] 3/4 [ ] Full

Alarm Indicators:	Yes	No
Lift Stations	N/A	N/A
Sumps	N/A	N/A
Storage Tanks	N/A	N/A

* Alarm panel has been removed from Site

D. Is the security fencing surrounding the equipment in good condition [X] Yes [ ] No

Notes: For noted deficiencies and problems provide description on form DP-1. Attached additional sheets if necessary.

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
GWL-1	Leachate Tanks	Bottom of level indicators are leaking appears flange gaskets have deteriorated and cracked	Replaced the gaskets on all 5 level indicators. Closed valves too and drained all the indicator stand pipes.

DATE: 12/10/09 INSPECTED BY: RH

FORM GWL-2
MONTHLY INSPECTION CHECKLIST
MANHOLE AND SUMPS
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: March 16, 2009 INITIALS: RH

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: DS-1 Decon sump is abandoned
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

FORM GWL-2
MONTHLY INSPECTION CHECKLIST
MANHOLE AND SUMPS
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 4/27/2009 INITIALS: JM

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: DS-1 Decon sump is abandoned

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

FORM GWL-2
MONTHLY INSPECTION CHECKLIST
MANHOLE AND SUMPS
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 5/22/2009 INITIALS: JM

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: DS-1 Decon sump is abandoned

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

FORM GWL-2
MONTHLY INSPECTION CHECKLIST
MANHOLE AND SUMPS
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 6/22/2009 INITIALS: JM

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: DS-1 Decon sump is abandoned

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.

000055

FORM GWL-2
MONTHLY INSPECTION CHECKLIST
MANHOLE AND SUMPS
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 9/21/2009 INSPECTED BY : John Matthews

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		-

Signature :

Notes: DS-1 Decon sump is abandoned
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

FORM GWL-2
MONTHLY INSPECTION CHECKLIST
MANHOLE AND SUMPS
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 8/5/2009 INITIALS: JM

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: DS-1 Decon sump is abandoned

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

FORM GWL-2
MONTHLY INSPECTION CHECKLIST
MANHOLE AND SUMPS
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 7/21/2009 INITIALS: JM

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: DS-1 Decon sump is abandoned

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

FORM GWL-2
MONTHLY INSPECTION CHECKLIST
MANHOLE AND SUMPS
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 12/1/09 INITIALS: RH

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: DS-1 Decon sump is abandoned
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

FORM GWL-2
MONTHLY INSPECTION CHECKLIST
MANHOLE AND SUMPS
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 10/20/09 INITIALS: JM

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: DS-1 Decon sump is abandoned

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.

Signature:_____

FORM GWL-2
MONTHLY INSPECTION CHECKLIST
MANHOLE AND SUMPS
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
(REFERENCE VOLUME III SECTION 4)

DATE: 11/17/09 INITIALS: JM

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: DS-1 Decon sump is abandoned

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary
4. *DS-2 was provided for the Decon Trailer which is no longer on the site. DS-2 is no longer in use.

FORM GWL-3
QUARTERLY INSPECTION CHECKLIST
MONITORING WELL
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDILL
(REFERENCE VOLUME III SECTION 4)

DATE: 3/23/09 INITIALS: RH

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	NA	OK	NA	NA	NA
2. Settlement	OK	OK	OK	OK	NA	OK	NA	NA	NA
3. Accessibility	OK	OK	OK	OK	NA	OK	NA	NA	NA

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

FORM GWL-3
QUARTERLY INSPECTION CHECKLIST
MONITORING WELL
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDILL
(REFERENCE VOLUME III SECTION 4)

DATE: 6/29/09 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	NA	OK	NA	NA	NA
2. Settlement	OK	OK	OK	OK	NA	OK	NA	NA	NA
3. Accessibility	OK	OK	OK	OK	NA	OK	NA	NA	NA

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

0000056

FORM GWL-3
QUARTERLY INSPECTION CHECKLIST
MONITORING WELL
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDILL
(REFERENCE VOLUME III SECTION 4)

DATE: 9/25/09 INSPECTED BY: John Matthews

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	NA	OK	NA	NA	NA
2. Settlement	OK	OK	OK	OK	NA	OK	NA	NA	NA
3. Accessibility	OK	OK	OK	OK	NA	OK	NA	NA	NA

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

Signature :

FORM GWL-3
QUARTERLY INSPECTION CHECKLIST
MONITORING WELL
GROUNDWATER/LEACHATE MANAGEMENT SYSTEM
PELHAM BAY LANDILL
(REFERENCE VOLUME III SECTION 4)

DATE: 12/1/2009 INITIALS: RH

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	NA	OK	NA	NA	NA
2. Settlement	OK	OK	OK	OK	NA	OK	NA	NA	NA
3. Accessibility	OK	OK	OK	OK	NA	OK	NA	NA	NA

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

Appendix D

Groundwater Sampling Laboratory Report and Deliverable

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0800

MATRIX:Water SAMPLE: MW-120

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
loromethane	ug/L	< 1		042009	1	EPA8260
omomethane	ug/L	< 1		042009	1	EPA8260
nyl Chloride	ug/L	< 1		042009	1	EPA8260
loroethane	ug/L	< 1		042009	1	EPA8260
thylene Chloride	ug/L	< 1		042009	1	EPA8260
etone	ug/L	< 10		042009	10	EPA8260
rbon disulfide	ug/L	< 1		042009	1	EPA8260
1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
loroform	ug/L	< 1		042009	1	EPA8260
2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
Butanone	ug/L	< 10		042009	10	EPA8260
1 Trichloroethane	ug/L	< 1		042009	1	EPA8260
rbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
omodichloromethane	ug/L	< 1		042009	1	EPA8260
2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
ichloroethene	ug/L	< 1		042009	1	EPA8260
lorodibromomethane	ug/L	< 1		042009	1	EPA8260
2 Trichloroethane	ug/L	< 1		042009	1	EPA8260
zene	ug/L	< 1		042009	1	EPA8260
,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
moform	ug/L	< 1		042009	1	EPA8260
ethyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0800
MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
-Hexanone	ug/L	< 10		042009	10	EPA8260
etrachloroethene	ug/L	< 1		042009	1	EPA8260
oluene	ug/L	< 1		042009	1	EPA8260
22Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
lorobenzene	ug/L	< 1		042009	1	EPA8260
hyl Benzene	ug/L	< 1		042009	1	EPA8260
yrene	ug/L	< 1		042009	1	EPA8260
Xylene	ug/L	< 1		042009	1	EPA8260
+ p Xylene	ug/L	< 2		042009	2	EPA8260
lene	ug/L	< 3		042009	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler P0#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0800
MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
is(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
.3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
.4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
arbazole	ug/L	< 1		042209	1	EPA8270
2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
.s(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
·Nitrosodi-n-propylamine	ug/L	< 1		042209	1	EPA8270
exachloroethane	ug/L	< 1		042209	1	EPA8270
trobenzene	ug/L	< 1		042209	1	EPA8270
ophorone	ug/L	< 1		042209	1	EPA8270
s(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
4-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
phthalene(sv)	ug/L	< 1		042209	1	EPA8270
Chloroaniline	ug/L	< 1		042209	1	EPA8270
xachlorobutadiene	ug/L	< 1		042209	1	EPA8270
Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
xachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
Nitroaniline	ug/L	< 1		042209	1	EPA8270
ethyl Phthalate	ug/L	< 1		042209	1	EPA8270
enaphthylene	ug/L	< 1		042209	1	EPA8270
6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
Nitroaniline	ug/L	< 1		042209	1	EPA8270
enaphthene	ug/L	< 1		042209	1	EPA8270
benzofuran	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0800
MATRIX:Water SAMPLE: MW-120

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
,4-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
iethyl Phthalate	ug/L	< 1		042209	1	EPA8270
-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
luorene	ug/L	< 1		042209	1	EPA8270
-Nitroaniline	ug/L	< 1		042209	1	EPA8270
-Nitrosodiphenylamine	ug/L	< 1		042209	1	EPA8270
-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
exachlorobenzene	ug/L	< 1		042209	1	EPA8270
ienanthrene	ug/L	< 1		042209	1	EPA8270
ithracene	ug/L	< 1		042209	1	EPA8270
-n-Butyl Phthalate	ug/L	1.6		042209	1	EPA8270
uoranthene	ug/L	< 1		042209	1	EPA8270
rene	ug/L	< 1		042209	1	EPA8270
nzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
nzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @No recovery in ms/msd.

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0800
MATRIX:Water SAMPLE: MW-120

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
rysene	ug/L	< 1		042209	1	EPA8270
s(2-ethylhexyl)phthalate	ug/L	10	#	042209	1	EPA8270
-n-octyl Phthalate	ug/L	< 1		042209	1	EPA8270
nzo(b)fluoranthene	ug/L	< 1		042209	1	EPA8270
nzo(k)fluoranthene	ug/L	< 1		042209	1	EPA8270
nzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
deno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
benzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
nzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 0.32 ug/L in method blank.

DIRECTOR

rn = 7926 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.291475.01 05/04/09

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ATTN: Ross Hibler PO#:1317

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0800
MATRIX:Water SAMPLE: MW-120

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
enol	ug/L	< 1		042209	1	EPA8270
Chlorophenol	ug/L	< 1		042209	1	EPA8270
Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
Nitrophenol	ug/L	< 1		042209	1	EPA8270
4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
Nitrophenol	ug/L	< 10		042209	10	EPA8270
Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
ntachlorophenol (ms)	ug/L	< 10		042209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0800
MATRIX:Water SAMPLE: MW-120

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
indane	ug/L	< 0.05		042309	0.05	EPA608
eptachlor	ug/L	< 0.05		042309	0.05	EPA608
ldrin	ug/L	< 0.05		042309	0.05	EPA608
eptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
,p-DDE	ug/L	< 0.05		042309	0.05	EPA608
ieldrin	ug/L	< 0.05		042309	0.05	EPA608
ıdrin	ug/L	< 0.05		042309	0.05	EPA608
,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
,p-DDT	ug/L	< 0.1		042309	0.1	EPA608
ılordane	ug/L	< 0.2		042309	0.2	EPA608
oxaphene	ug/L	< 1		042309	1	EPA608
ıdrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
dosulfan 1	ug/L	< 0.1		042309	0.1	EPA608

cc:

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REMARKS:

DIRECTOR

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LAB NO.291475.01 05/04/09

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0800
MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
ndosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
ndosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
ethoxychlor	ug/L	< 0.1		042309	0.1	EPA608
ndrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
roclor 1016	ug/L	< 0.065		042309	0.065	EPA608
roclor 1221	ug/L	< 0.065		042309	0.065	EPA608
roclor 1232	ug/L	< 0.065		042309	0.065	EPA608
roclor 1242	ug/L	< 0.065		042309	0.065	EPA608
roclor 1248	ug/L	< 0.065		042309	0.065	EPA608
roclor 1254	ug/L	< 0.065		042309	0.065	EPA608
roclor 1260	ug/L	< 0.065		042309	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7929 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0800
MATRIX:Water SAMPLE: MW-120

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
uminum as Al	mg/L	< 0.02		042209	0.02	EPA200.7
timony as Sb	mg/L	0.01		042209	0.01	EPA200.7
senic as As	mg/L	0.01		042209	0.01	EPA200.7
rium as Ba	mg/L	0.11		042209	0.01	EPA200.7
ryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
dmium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
lcium as Ca	mg/L	600		042209	4	EPA200.7
romium as Cr	mg/L	< 0.01		042209	0.01	EPA200.7
balt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
pper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
on as Fe	mg/L	1.3		042209	0.02	EPA200.7
ad as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
gnesium as Mg	mg/L	640		042209	0.1	EPA200.7
nganese as Mn	mg/L	0.68		042209	0.02	EPA200.7
rcury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
ckel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
assium as K	mg/L	400		042409	200	EPA200.7
lenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
ver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
dium as Na	mg/L	7400		042409	200	EPA200.7
allium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
nadium as V	mg/L	< 0.01		042209	0.01	EPA200.7
nc as Zn	mg/L	0.02		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7930 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0800
MATRIX:Water SAMPLE: MW-120

IALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
anide as CN	mg/L	< 0.02		042009	0.02	EPA335.4
monia as N	mg/L	2.8		042209	0.2	4500NH3C
loride as Cl	mg/L	15000		042209	1000	SM204500C1
trate as N	mg/L	< 0.5		042109	0.5	EPA353.2
lfate as SO4	mg/L	630		042309	125	ASTMD51602
t Dissolved Solids	mg/L	24000		042709	100	SM2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7931 NYSDOH ID # 10320

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0800
MATRIX:Water SAMPLE: MW-120 DISSOLVED

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
uminum as Al	mg/L	< 0.02		042209	0.02	EPA200.7
timony as Sb	mg/L	0.01		042209	0.01	EPA200.7
senic as As	mg/L	0.021		042209	0.01	EPA200.7
rium as Ba	mg/L	0.11		042209	0.01	EPA200.7
ryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
dmium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
lcium as Ca	mg/L	590		042209	4	EPA200.7
romium as Cr	mg/L	< 0.01		042209	0.01	EPA200.7
balt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
pper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
on as Fe	mg/L	1.3		042209	0.02	EPA200.7
ad as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
gnesium as Mg	mg/L	640		042209	0.1	EPA200.7
nganese as Mn	mg/L	0.68		042209	0.02	EPA200.7
rcury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
ckel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
tassium as K	mg/L	220		042409	200	EPA200.7
lenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
ver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
dium as Na	mg/L	7500		042409	200	EPA200.7
llium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
adium as V	mg/L	< 0.01		042209	0.01	EPA200.7
c as Zn	mg/L	0.03		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 7932 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO.291475.03 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
ıloromethane	ug/L	21		042009	1	EPA8260
·omomethane	ug/L	17		042009	1	EPA8260
nyl Chloride	ug/L	22		042009	1	EPA8260
ıloroethane	ug/L	20		042009	1	EPA8260
ıthylene Chloride	ug/L	22		042009	1	EPA8260
ıetone	ug/L	170		042009	10	EPA8260
rbon disulfide	ug/L	21		042009	1	EPA8260
1 Dichloroethene	ug/L	22		042009	1	EPA8260
1 Dichloroethane	ug/L	22		042009	1	EPA8260
2 Dichloroethene	ug/L	43		042009	2	EPA8260
loroform	ug/L	22		042009	1	EPA8260
2 Dichloroethane	ug/L	22		042009	1	EPA8260
Butanone	ug/L	170		042009	10	EPA8260
1 Trichloroethane	ug/L	21		042009	1	EPA8260
rbon Tetrachloride	ug/L	20		042009	1	EPA8260
omodichloromethane	ug/L	20		042009	1	EPA8260
2 Dichloropropane	ug/L	20		042009	1	EPA8260
1,3Dichloropropene	ug/L	20		042009	1	EPA8260
ichloroethene	ug/L	20		042009	1	EPA8260
lorodibromomethane	ug/L	21		042009	1	EPA8260
2 Trichloroethane	ug/L	23		042009	1	EPA8260
nzene	ug/L	20		042009	1	EPA8260
1,3Dichloropropene	ug/L	21		042009	1	EPA8260
omoform	ug/L	22		042009	1	EPA8260
Methyl-2-Pentanone	ug/L	160		042009	10	EPA8260

cc:

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REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830

MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
-Hexanone	ug/L	160		042009	10	EPA8260
etrachloroethene	ug/L	19		042009	1	EPA8260
luene	ug/L	19		042009	1	EPA8260
22Tetrachloroethane	ug/L	26		042009	1	EPA8260
lorobenzene	ug/L	19		042009	1	EPA8260
hyl Benzene	ug/L	19		042009	1	EPA8260
yrene	ug/L	19		042009	1	EPA8260
Xylene	ug/L	19		042009	1	EPA8260
+ p Xylene	ug/L	37		042009	2	EPA8260
lene	ug/L	56		042009	3	EPA8260

cc:

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DIRECTOR

rn = 7934 NYSDOH ID # 10320

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MS

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
is(2-chloroethyl)ether	ug/L	4.0		042209	1	EPA8270
.3 Dichlorobenzene(sv)	ug/L	4.2		042209	1	EPA8270
.4 Dichlorobenzene(sv)	ug/L	4.1		042209	1	EPA8270
arbazole	ug/L	8.0		042209	1	EPA8270
.2 Dichlorobenzene(sv)	ug/L	4.4		042209	1	EPA8270
is(2-chloroisopropyl)ether	ug/L	5.3		042209	1	EPA8270
-Nitrosodi-n-propylamine	ug/L	5.6		042209	1	EPA8270
exachloroethane	ug/L	4.5		042209	1	EPA8270
trobenzene	ug/L	4.0		042209	1	EPA8270
ophorone	ug/L	4.8		042209	1	EPA8270
s(2-chloroethoxy)methane	ug/L	4.6		042209	1	EPA8270
4-Trichlorobenzene (sv)	ug/L	5.1		042209	1	EPA8270
phthalene(sv)	ug/L	5.5		042209	1	EPA8270
Chloroaniline	ug/L	1.0		042209	1	EPA8270
xachlorobutadiene	ug/L	4.8		042209	1	EPA8270
Methylnaphthalene	ug/L	8.6		042209	1	EPA8270
xachlorocyclopentadiene	ug/L	3.6		042209	10	EPA8270
Chloronaphthalene	ug/L	6.7		042209	1	EPA8270
Nitroaniline	ug/L	6.3		042209	1	EPA8270
ethyl Phthalate	ug/L	5.1		042209	1	EPA8270
enaphthylene	ug/L	7.1		042209	1	EPA8270
-Dinitrotoluene	ug/L	5.9		042209	1	EPA8270
Nitroaniline	ug/L	5.0		042209	1	EPA8270
enaphthene	ug/L	7.3		042209	1	EPA8270
enzofuran	ug/L	8.7		042209	1	EPA8270

cc:

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DIRECTOR

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MS

IALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
4-Dinitrotoluene	ug/L	5.6		042209	1	EPA8270
ethyl Phthalate	ug/L	6.8		042209	1	EPA8270
-Chlorophenyl phenyl ether	ug/L	7.5		042209	1	EPA8270
uorene	ug/L	7.4		042209	1	EPA8270
-Nitroaniline	ug/L	11		042209	1	EPA8270
-Nitrosodiphenylamine	ug/L	11		042209	1	EPA8270
-Bromophenyl phenyl ether	ug/L	9.5		042209	1	EPA8270
xachlorobenzene	ug/L	8.4		042209	1	EPA8270
enanthrene	ug/L	8.7		042209	1	EPA8270
thracene	ug/L	8.9		042209	1	EPA8270
-n-Butyl Phthalate	ug/L	11		042209	1	EPA8270
uoranthene	ug/L	8.7		042209	1	EPA8270
rene	ug/L	9.2		042209	1	EPA8270
nzylButylPhthalate	ug/L	9.4		042209	1	EPA8270
3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
nzo(a)anthracene	ug/L	8.9		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.
@No recovery in ms/msd.

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.03 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
ırysene	ug/L	9.0		042209	1	EPA8270
is(2-ethylhexyl)phthalate	ug/L	19		042209	1	EPA8270
i-n-octyl Phthalate	ug/L	12		042209	1	EPA8270
ɜnzo(b)fluoranthene	ug/L	9.2		042209	1	EPA8270
ɜnzo(k)fluoranthene	ug/L	8.6		042209	1	EPA8270
ɜnzo(a)pyrene	ug/L	8.7		042209	1	EPA8270
ıdeno(1,2,3-cd)pyrene	ug/L	7.8		042209	1	EPA8270
.benzo(a,h)anthracene	ug/L	7.9		042209	1	EPA8270
ɜnzo(ghi)perylene	ug/L	7.6		042209	1	EPA8270

cc:

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DIRECTOR:

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MS

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
enol	ug/L	20		042209	1	EPA8270
Chlorophenol	ug/L	46		042209	1	EPA8270
Methylphenol (o-cresol)	ug/L	47		042209	1	EPA8270
Methylphenol (p-cresol)	ug/L	45		042209	1	EPA8270
Nitrophenol	ug/L	41		042209	1	EPA8270
4-Dimethylphenol	ug/L	64		042209	1	EPA8270
4-Dichlorophenol	ug/L	48		042209	1	EPA8270
Chloro-3-methylphenol	ug/L	50		042209	1	EPA8270
4,6-Trichlorophenol	ug/L	46		042209	1	EPA8270
4,5-Trichlorophenol	ug/L	51		042209	1	EPA8270
4-Dinitrophenol	ug/L	48		042209	10	EPA8270
Nitrophenol	ug/L	15		042209	10	EPA8270
Methyl-4,6-dinitrophenol	ug/L	57		042209	10	EPA8270
ntachlorophenol (ms)	ug/L	58		042209	10	EPA8270

cc:

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DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.03 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MS

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
ndane	ug/L	0.83		042209	0.05	EPA608
ptachlor	ug/L	0.8		042209	0.05	EPA608
drin	ug/L	0.77		042209	0.05	EPA608
ptachlor Epoxide	ug/L	0.81		042209	0.05	EPA608
p-DDE	ug/L	0.78		042209	0.05	EPA608
eldrin	ug/L	0.83		042209	0.05	EPA608
drin	ug/L	0.86		042209	0.05	EPA608
p-DDD	ug/L	0.8		042209	0.05	EPA608
p-DDT	ug/L	0.8		042209	0.1	EPA608
lordane	ug/L	< 0.2		042209	0.2	EPA608
xaphene	ug/L	< 1		042209	1	EPA608
drin Ketone	ug/L	< 0.1		042209	0.1	EPA608
BHC	ug/L	0.82		042209	0.05	EPA608
BHC	ug/L	0.81		042209	0.05	EPA608
BHC	ug/L	0.85		042209	0.05	EPA608
dosulfan 1	ug/L	0.8		042209	0.1	EPA608

cc:

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DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830

MATRIX:Water SAMPLE: MW-120 MS

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
ndosulfan 2	ug/L	0.83		042209	0.1	EPA608
ndosulfan Sulfate	ug/L	0.85		042209	0.3	EPA608
ethoxychlor	ug/L	0.89		042209	0.1	EPA608
ndrin Aldehyde	ug/L	0.81		042209	0.3	EPA608
roclor 1016	ug/L	< 0.065		042309	0.065	EPA608
roclor 1221	ug/L	< 0.065		042309	0.065	EPA608
roclor 1232	ug/L	< 0.065		042309	0.065	EPA608
roclor 1242	ug/L	< 0.065		042309	0.065	EPA608
roclor 1248	ug/L	< 0.065		042309	0.065	EPA608
roclor 1254	ug/L	< 0.065		042309	0.065	EPA608
roclor 1260	ug/L	0.16		042309	0.065	EPA608

cc:

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REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

rn = 7940 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.03 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MS

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
uminum as Al	mg/L	27		042209	0.02	EPA200.7
itimony as Sb	mg/L	0.23		042209	0.01	EPA200.7
senic as As	mg/L	0.45		042209	0.01	EPA200.7
rium as Ba	mg/L	0.54		042209	0.01	EPA200.7
ryllium as Be	mg/L	0.42		042209	0.002	EPA200.7
dmium as Cd	mg/L	0.37		042209	0.01	EPA200.7
lcium as Ca	mg/L	620		042209	4	EPA200.7
romium as Cr	mg/L	0.4		042209	0.01	EPA200.7
balt as Co	mg/L	0.37		042209	0.01	EPA200.7
pper as Cu	mg/L	0.52		042209	0.02	EPA200.7
on as Fe	mg/L	21		042209	0.02	EPA200.7
ad as Pb	mg/L	0.36		042209	0.01	EPA200.7
gnesium as Mg	mg/L	660		042209	0.1	EPA200.7
nganese as Mn	mg/L	1.1		042209	0.02	EPA200.7
rcury as Hg	mg/L	0.0035		042209	0.001	EPA245.2
ckel as Ni	mg/L	0.37		042209	0.02	EPA200.7
tassium as K	mg/L	220		042409	200	EPA200.7
lenium as Se	mg/L	0.44		042209	0.02	EPA200.7
ver as Ag	mg/L	0.058		042209	0.01	EPA200.7
dium as Na	mg/L	7400		042409	200	EPA200.7
llium as Tl	mg/L	0.31		042209	0.01	EPA200.7
nadium as V	mg/L	0.41		042209	0.01	EPA200.7
c as Zn	mg/L	0.46		042209	0.02	EPA200.7

cc:

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DIRECTOR

rn = 7941 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.03 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830

MATRIX:Water SAMPLE: MW-120 MS

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
anide as CN	mg/L	0.19		042009	0.02	EPA335.4
monia as N	mg/L	13		042209	0.2	4500NH3C
loride as Cl	mg/L	15000		042209	1000	SM204500C1
trate as N	mg/L	0.15		042109	0.5	EPA353.2
lfate as SO4	mg/L	44		042309	125	ASTMD51602
t Dissolved Solids	mg/L	24000		042709	100	SM2540C

cc:

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DIRECTOR

rn = 7942 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.04 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler P0#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MS DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
luminum as Al	mg/L	27		042209	0.02	EPA200.7
ıtimony as Sb	mg/L	0.23		042209	0.01	EPA200.7
senic as As	mg/L	0.45		042209	0.01	EPA200.7
ırium as Ba	mg/L	0.54		042209	0.01	EPA200.7
ıryllium as Be	mg/L	0.42		042209	0.002	EPA200.7
ıdmium as Cd	mg/L	0.37		042209	0.01	EPA200.7
ılcium as Ca	mg/L	640		042209	4	EPA200.7
ıromium as Cr	mg/L	0.4		042209	0.01	EPA200.7
ıbalt as Co	mg/L	0.38		042209	0.01	EPA200.7
ıpper as Cu	mg/L	0.52		042209	0.02	EPA200.7
on as Fe	mg/L	21		042209	0.02	EPA200.7
ad as Pb	mg/L	0.36		042209	0.01	EPA200.7
gnesium as Mg	mg/L	680		042209	0.1	EPA200.7
nganese as Mn	mg/L	1.1		042209	0.02	EPA200.7
rcury as Hg	mg/L	0.0032		042209	0.001	EPA245.2
ckel as Ni	mg/L	0.37		042209	0.02	EPA200.7
tassium as K	mg/L	220		042409	200	EPA200.7
lenium as Se	mg/L	0.44		042209	0.02	EPA200.7
lver as Ag	mg/L	0.06		042209	0.01	EPA200.7
dium as Na	mg/L	7700		042409	200	EPA200.7
allium as Tl	mg/L	0.31		042209	0.01	EPA200.7
nadium as V	mg/L	0.41		042209	0.01	EPA200.7
nc as Zn	mg/L	0.47		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE. Sample was Filtered in the field.

DIRECTOR

rn = 7943 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.05 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
ıloromethane	ug/L	24		042009	1	EPA8260
·omomethane	ug/L	17		042009	1	EPA8260
nyl Chloride	ug/L	23		042009	1	EPA8260
ıloroethane	ug/L	21		042009	1	EPA8260
thylene Chloride	ug/L	23		042009	1	EPA8260
etone	ug/L	140		042009	10	EPA8260
rbon disulfide	ug/L	21		042009	1	EPA8260
1 Dichloroethene	ug/L	22		042009	1	EPA8260
1 Dichloroethane	ug/L	22		042009	1	EPA8260
2 Dichloroethene	ug/L	43		042009	2	EPA8260
loroform	ug/L	22		042009	1	EPA8260
2 Dichloroethane	ug/L	20		042009	1	EPA8260
Butanone	ug/L	120		042009	10	EPA8260
1 Trichloroethane	ug/L	21		042009	1	EPA8260
rbon Tetrachloride	ug/L	20		042009	1	EPA8260
omodichloromethane	ug/L	21		042009	1	EPA8260
2 Dichloropropane	ug/L	20		042009	1	EPA8260
1,3Dichloropropene	ug/L	20		042009	1	EPA8260
ichloroethene	ug/L	20		042009	1	EPA8260
lorodibromomethane	ug/L	21		042009	1	EPA8260
2 Trichloroethane	ug/L	22		042009	1	EPA8260
nzene	ug/L	20		042009	1	EPA8260
,3Dichloropropene	ug/L	20		042009	1	EPA8260
omoform	ug/L	20		042009	1	EPA8260
Methyl-2-Pentanone	ug/L	130		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

rn = 7944 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.05 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MSD

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Hexanone	ug/L	130		042009	10	EPA8260
trachloroethene	ug/L	19		042009	1	EPA8260
luene	ug/L	20		042009	1	EPA8260
22Tetrachloroethane	ug/L	23		042009	1	EPA8260
lorobenzene	ug/L	20		042009	1	EPA8260
hyl Benzene	ug/L	19		042009	1	EPA8260
yrene	ug/L	18		042009	1	EPA8260
Xylene	ug/L	19		042009	1	EPA8260
+ p Xylene	ug/L	38		042009	2	EPA8260
lene	ug/L	56		042009	3	EPA8260

cc:

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DIRECTOR

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LAB NO.291475.05 05/04/09

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Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MSD

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
is(2-chloroethyl)ether	ug/L	16		042209	1	EPA8270
,3 Dichlorobenzene(sv)	ug/L	10		042209	1	EPA8270
,4 Dichlorobenzene(sv)	ug/L	11		042209	1	EPA8270
arbazole	ug/L	20		042209	1	EPA8270
,2 Dichlorobenzene(sv)	ug/L	11		042209	1	EPA8270
is(2-chloroisopropyl)ether	ug/L	16		042209	1	EPA8270
-Nitrosodi-n-propylamine	ug/L	17		042209	1	EPA8270
exachloroethane	ug/L	10		042209	1	EPA8270
itrobenzene	ug/L	14		042209	1	EPA8270
sophorone	ug/L	16		042209	1	EPA8270
s(2-chloroethoxy)methane	ug/L	15		042209	1	EPA8270
4-Trichlorobenzene (sv)	ug/L	12		042209	1	EPA8270
phthalene(sv)	ug/L	13		042209	1	EPA8270
Chloroaniline	ug/L	15		042209	1	EPA8270
xachlorobutadiene	ug/L	11		042209	1	EPA8270
Methylnaphthalene	ug/L	19		042209	1	EPA8270
xachlorocyclopentadiene	ug/L	9.7		042209	10	EPA8270
Chloronaphthalene	ug/L	16		042209	1	EPA8270
Nitroaniline	ug/L	20		042209	1	EPA8270
methyl Phthalate	ug/L	16		042209	1	EPA8270
enaphthylene	ug/L	18		042209	1	EPA8270
6-Dinitrotoluene	ug/L	19		042209	1	EPA8270
Nitroaniline	ug/L	20		042209	1	EPA8270
enaphthene	ug/L	17		042209	1	EPA8270
benzofuran	ug/L	21		042209	1	EPA8270

cc:

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DIRECTOR

rn = 7946 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291475.05 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830

MATRIX:Water SAMPLE: MW-120 MSD

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
,4-Dinitrotoluene	ug/L	18		042209	1	EPA8270
iethyl Phthalate	ug/L	17		042209	1	EPA8270
-Chlorophenyl phenyl ether	ug/L	18		042209	1	EPA8270
luorene	ug/L	19		042209	1	EPA8270
-Nitroaniline	ug/L	27		042209	1	EPA8270
-Nitrosodiphenylamine	ug/L	19		042209	1	EPA8270
-Bromophenyl phenyl ether	ug/L	20		042209	1	EPA8270
exachlorobenzene	ug/L	18		042209	1	EPA8270
ienanthrene	ug/L	19		042209	1	EPA8270
ithracene	ug/L	19		042209	1	EPA8270
-n-Butyl Phthalate	ug/L	21		042209	1	EPA8270
uoranthene	ug/L	19		042209	1	EPA8270
rene	ug/L	20		042209	1	EPA8270
nzylButylPhthalate	ug/L	21		042209	1	EPA8270
3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
nzo(a)anthracene	ug/L	19		042209	1	EPA8270

cc:

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REMARKS: RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.
@No recovery in ms/msd.

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.05 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
hrysene	ug/L	19		042209	1	EPA8270
is(2-ethylhexyl)phthalate	ug/L	28		042209	1	EPA8270
i-n-octyl Phthalate	ug/L	22		042209	1	EPA8270
enzo(b)fluoranthene	ug/L	20		042209	1	EPA8270
enzo(k)fluoranthene	ug/L	21		042209	1	EPA8270
enzo(a)pyrene	ug/L	19		042209	1	EPA8270
ndeno(1,2,3-cd)pyrene	ug/L	17		042209	1	EPA8270
ibenzo(a,h)anthracene	ug/L	17		042209	1	EPA8270
enzo(ghi)perylene	ug/L	17		042209	1	EPA8270

cc:

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TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	18		042209	1	EPA8270
2-Chlorophenol	ug/L	38		042209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	40		042209	1	EPA8270
3-Methylphenol (p-cresol)	ug/L	37		042209	1	EPA8270
2-Nitrophenol	ug/L	36		042209	1	EPA8270
2,4-Dimethylphenol	ug/L	54		042209	1	EPA8270
2,4-Dichlorophenol	ug/L	40		042209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	42		042209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	44		042209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	47		042209	1	EPA8270
2,4-Dinitrophenol	ug/L	45		042209	10	EPA8270
4-Nitrophenol	ug/L	14		042209	10	EPA8270
4-Methyl-4,6-dinitrophenol	ug/L	49		042209	10	EPA8270
Pentachlorophenol (ms)	ug/L	49		042209	10	EPA8270

cc:

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	0.85		042309	0.05	EPA608
Heptachlor	ug/L	0.81		042309	0.05	EPA608
Aldrin	ug/L	0.78		042309	0.05	EPA608
Heptachlor Epoxide	ug/L	0.82		042309	0.05	EPA608
o,p-DDE	ug/L	0.8		042309	0.05	EPA608
Dieldrin	ug/L	0.85		042309	0.05	EPA608
Endrin	ug/L	0.88		042309	0.05	EPA608
o,p-DDD	ug/L	0.82		042309	0.05	EPA608
o,p-DDT	ug/L	0.83		042309	0.1	EPA608
Chlordane	ug/L	< 0.2		042309	0.2	EPA608
Toxaphene	ug/L	< 1		042309	1	EPA608
Endrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
a BHC	ug/L	0.85		042309	0.05	EPA608
b BHC	ug/L	0.83		042309	0.05	EPA608
d BHC	ug/L	0.87		042309	0.05	EPA608
Endosulfan 1	ug/L	0.82		042309	0.1	EPA608

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TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	0.84		042309	0.1	EPA608
Endosulfan Sulfate	ug/L	0.86		042309	0.3	EPA608
Methoxychlor	ug/L	0.9		042309	0.1	EPA608
Endrin Aldehyde	ug/L	0.82		042309	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1260	ug/L	0.13		042309	0.065	EPA608

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COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830

MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	27		042209	0.02	EPA200.7
Antimony as Sb	mg/L	0.24		042209	0.01	EPA200.7
Arsenic as As	mg/L	0.45		042209	0.01	EPA200.7
Barium as Ba	mg/L	0.53		042209	0.01	EPA200.7
Beryllium as Be	mg/L	0.41		042209	0.002	EPA200.7
Cadmium as Cd	mg/L	0.37		042209	0.01	EPA200.7
Calcium as Ca	mg/L	630		042209	4	EPA200.7
Chromium as Cr	mg/L	0.4		042209	0.01	EPA200.7
Cobalt as Co	mg/L	0.37		042209	0.01	EPA200.7
Copper as Cu	mg/L	0.52		042209	0.02	EPA200.7
Iron as Fe	mg/L	21		042209	0.02	EPA200.7
Lead as Pb	mg/L	0.36		042209	0.01	EPA200.7
Magnesium as Mg	mg/L	670		042209	0.1	EPA200.7
Manganese as Mn	mg/L	1.1		042209	0.02	EPA200.7
Mercury as Hg	mg/L	0.0037		042209	0.001	EPA245.2
Nickel as Ni	mg/L	0.37		042209	0.02	EPA200.7
Potassium as K	mg/L	220		042409	200	EPA200.7
Selenium as Se	mg/L	0.43		042209	0.02	EPA200.7
Silver as Ag	mg/L	0.056		042209	0.01	EPA200.7
Sodium as Na	mg/L	7600		042409	200	EPA200.7
Thallium as Tl	mg/L	0.31		042209	0.01	EPA200.7
Vanadium as V	mg/L	0.41		042209	0.01	EPA200.7
Zinc as Zn	mg/L	0.46		042209	0.02	EPA200.7

cc:

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DIRECTOR

rn = 7952 NYSDOH ID # 10320

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LAB NO.291475.05 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	0.19		042009	0.02	EPA335.4
Ammonia as N	mg/L	13		042209	0.2	4500NH3C
Chloride as Cl	mg/L	13000		042209	1000	SM204500C:
Nitrate as N	mg/L	0.15		042109	0.5	EPA353.2
Sulfate as SO4	mg/L	44		042309	125	ASTMD5160:
Tot Dissolved Solids	mg/L	24000		042709	100	SM2540C

cc:

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LAB NO.291475.06 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0830
MATRIX:Water SAMPLE: MW-120 MSD DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	26		042209	0.02	EPA200.7
Antimony as Sb	mg/L	0.25		042209	0.01	EPA200.7
Arsenic as As	mg/L	0.45		042209	0.01	EPA200.7
Barium as Ba	mg/L	0.54		042209	0.01	EPA200.7
Beryllium as Be	mg/L	0.42		042209	0.002	EPA200.7
Cadmium as Cd	mg/L	0.37		042209	0.01	EPA200.7
Calcium as Ca	mg/L	600		042209	4	EPA200.7
Chromium as Cr	mg/L	0.4		042209	0.01	EPA200.7
Cobalt as Co	mg/L	0.37		042209	0.01	EPA200.7
Copper as Cu	mg/L	0.52		042209	0.02	EPA200.7
Iron as Fe	mg/L	21		042209	0.02	EPA200.7
Lead as Pb	mg/L	0.36		042209	0.01	EPA200.7
Magnesium as Mg	mg/L	640		042209	0.1	EPA200.7
Manganese as Mn	mg/L	1.1		042209	0.02	EPA200.7
Mercury as Hg	mg/L	0.0036		042209	0.001	EPA245.2
Nickel as Ni	mg/L	0.37		042209	0.02	EPA200.7
Potassium as K	mg/L	200		042409	200	EPA200.7
Selenium as Se	mg/L	0.44		022209	0.02	EPA200.7
Silver as Ag	mg/L	0.054		042209	0.01	EPA200.7
Sodium as Na	mg/L	7000		042209	2	EPA200.7
Thallium as Tl	mg/L	0.31		042209	0.01	EPA200.7
Vanadium as V	mg/L	0.41		042209	0.01	EPA200.7
Zinc as Zn	mg/L	0.47		042209	0.02	EPA200.7

cc:

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DIRECTOR

rn = 7954 NYSDOH ID # 10320

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LAB NO.291475.07 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0910
MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	< 1		042009	1	EPA8260
Methylene Chloride	ug/L	< 1		042009	1	EPA8260
Acetone	ug/L	< 10		042009	10	EPA8260
Carbon disulfide	ug/L	< 1		042009	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
Chloroform	ug/L	< 1		042009	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
2-Butanone	ug/L	< 10		042009	10	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		042009	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
Bromodichloromethane	ug/L	< 1		042009	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Trichloroethene	ug/L	< 1		042009	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042009	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		042009	1	EPA8260
Benzene	ug/L	< 1		042009	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Bromoform	ug/L	< 1		042009	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

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REMARKS:

DIRECTOR

rn = 7955 NYSDOH ID # 10320

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COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0910
MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
'-Hexanone	ug/L	< 10		042009	10	EPA8260
'etrachloroethene	ug/L	< 1		042009	1	EPA8260
'oluene	ug/L	< 1		042009	1	EPA8260
122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
hlorobenzene	ug/L	< 1		042009	1	EPA8260
thyl Benzene	ug/L	< 1		042009	1	EPA8260
tyrene	ug/L	< 1		042009	1	EPA8260
Xylene	ug/L	< 1		042009	1	EPA8260
+ p Xylene	ug/L	< 2		042009	2	EPA8260
ylene	ug/L	< 3		042009	3	EPA8260

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TIME COL'D:0910

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Carbazole	ug/L	< 1		042209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042209	1	EPA8270
Hexachloroethane	ug/L	< 1		042209	1	EPA8270
Nitrobenzene	ug/L	< 1		042209	1	EPA8270
Isophorone	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042209	1	EPA8270
4-Chloroaniline	ug/L	< 1		042209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
2-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042209	1	EPA8270
Acenaphthylene	ug/L	< 1		042209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
3-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Acenaphthene	ug/L	< 1		042209	1	EPA8270
Dibenzofuran	ug/L	< 1		042209	1	EPA8270

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REMARKS:

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TIME COL'D:0910
MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Fluorene	ug/L	< 1		042209	1	EPA8270
4-Nitroaniline	ug/L	< 1		042209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042209	1	EPA8270
Phenanthrene	ug/L	< 1		042209	1	EPA8270
Anthracene	ug/L	< 1		042209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		042209	1	EPA8270
Fluoranthene	ug/L	< 1		042209	1	EPA8270
Pyrene	ug/L	< 1		042209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @No recovery in ms/msd.

DIRECTOR

rn = 7958 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.07 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0910
MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	4.1	#	042209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		042209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 0.32 ug/L in method blank.

DIRECTOR_____

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LAB NO.291475.07 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0910
MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042209	1	EPA8270
2-Chlorophenol	ug/L	< 1		042209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
2-Nitrophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
4-Nitrophenol	ug/L	< 10		042209	10	EPA8270
4-Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		042209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7960 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.291475.07 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0910
MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor	ug/L	< 0.05		042309	0.05	EPA608
Aldrin	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDE	ug/L	< 0.05		042309	0.05	EPA608
Dieldrin	ug/L	< 0.05		042309	0.05	EPA608
Endrin	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDT	ug/L	< 0.1		042309	0.1	EPA608
Chlordane	ug/L	< 0.2		042309	0.2	EPA608
Toxaphene	ug/L	< 1		042309	1	EPA608
Endrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
α BHC	ug/L	< 0.05		042309	0.05	EPA608
β BHC	ug/L	< 0.05		042309	0.05	EPA608
γ BHC	ug/L	< 0.05		042309	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		042309	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7961 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.291475.07 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0910
MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
Methoxychlor	ug/L	< 0.1		042309	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		042309	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7962 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291475.07 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0910

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.02		042209	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		042209	0.01	EPA200.7
Arsenic as As	mg/L	< 0.01		042209	0.01	EPA200.7
Barium as Ba	mg/L	0.038		042209	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
Calcium as Ca	mg/L	320		042209	4	EPA200.7
Chromium as Cr	mg/L	< 0.01		042209	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
Copper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
Iron as Fe	mg/L	0.48		042209	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
Magnesium as Mg	mg/L	870		042209	0.1	EPA200.7
Manganese as Mn	mg/L	0.04		042209	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
Potassium as K	mg/L	460		042409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
Sodium as Na	mg/L	8100		042409	200	EPA200.7
Thallium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
Vanadium as V	mg/L	< 0.01		042209	0.01	EPA200.7
Zinc as Zn	mg/L	0.13		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7963 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.07 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0910
MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042009	0.02	EPA335.4
Ammonia as N	mg/L	1.8		042209	0.2	4500NH3C
Chloride as Cl	mg/L	21000		042209	1000	SM204500C:
Nitrate as N	mg/L	< 0.5		042109	0.5	EPA353.2
Sulfate as SO4	mg/L	1700		042309	500	ASTMD5160:
Tot Dissolved Solids	mg/L	27000		042709	100	SM2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7964 NYSDOH ID # 10320 Page 10 of 10

Analytical results relate to the samples as received by the laboratory.

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LAB NO.291475.08 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0910
MATRIX:Water SAMPLE: MW-110 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.02		042209	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		042209	0.01	EPA200.7
Arsenic as As	mg/L	0.011		042209	0.01	EPA200.7
Barium as Ba	mg/L	0.038		042209	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
Calcium as Ca	mg/L	320		042209	4	EPA200.7
Chromium as Cr	mg/L	< 0.01		042209	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
Copper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
Iron as Fe	mg/L	0.46		042209	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
Magnesium as Mg	mg/L	880		042209	0.1	EPA200.7
Manganese as Mn	mg/L	0.05		042209	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
Potassium as K	mg/L	470		042409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
Sodium as Na	mg/L	8200		042409	200	EPA200.7
Thallium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
Vanadium as V	mg/L	< 0.01		042209	0.01	EPA200.7
Zinc as Zn	mg/L	0.11		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 7965 NYSDOH ID # 10320 Page 1 of 1

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.291475.09 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955

MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	< 1		042009	1	EPA8260
Methylene Chloride	ug/L	< 1		042009	1	EPA8260
Acetone	ug/L	< 10		042009	10	EPA8260
Carbon disulfide	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
Chloroform	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
-Butanone	ug/L	< 10		042009	10	EPA8260
11 Trichloroethane	ug/L	< 1		042009	1	EPA8260
arbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
romodichloromethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
richloroethene	ug/L	< 1		042009	1	EPA8260
hlorodibromomethane	ug/L	< 1		042009	1	EPA8260
12 Trichloroethane	ug/L	< 1		042009	1	EPA8260
enzene	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
romoform	ug/L	< 1		042009	1	EPA8260
-Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7966 NYSDOH ID # 10320

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LAB NO.291475.09 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042009	10	EPA8260
Tetrachloroethene	ug/L	< 1		042009	1	EPA8260
Toluene	ug/L	< 1		042009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
Chlorobenzene	ug/L	< 1		042009	1	EPA8260
Ethyl Benzene	ug/L	< 1		042009	1	EPA8260
Styrene	ug/L	< 1		042009	1	EPA8260
o Xylene	ug/L	< 1		042009	1	EPA8260
m + p Xylene	ug/L	< 2		042009	2	EPA8260
Xylene	ug/L	< 3		042009	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7967 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

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LAB NO.291475.09 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Carbazole	ug/L	< 1		042209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042209	1	EPA8270
Hexachloroethane	ug/L	< 1		042209	1	EPA8270
Nitrobenzene	ug/L	< 1		042209	1	EPA8270
Isophorone	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042209	1	EPA8270
4-Chloroaniline	ug/L	< 1		042209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
2-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042209	1	EPA8270
Acenaphthylene	ug/L	< 1		042209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
3-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Acenaphthene	ug/L	< 1		042209	1	EPA8270
Dibenzofuran	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7968 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Fluorene	ug/L	< 1		042209	1	EPA8270
4-Nitroaniline	ug/L	< 1		042209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042209	1	EPA8270
Phenanthrene	ug/L	< 1		042209	1	EPA8270
Anthracene	ug/L	< 1		042209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		042209	1	EPA8270
Fluoranthene	ug/L	< 1		042209	1	EPA8270
Pyrene	ug/L	< 1		042209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @No recovery in ms/msd.

DIRECTOR

rn = 7969 NYSDOH ID # 10320

Analysis of this sample as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.09 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955

MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	4.2	#	042209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		042209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 0.32 ug/L in method blank.

DIRECTOR

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
henol	ug/L	< 1		042209	1	EPA8270
-Chlorophenol	ug/L	< 1		042209	1	EPA8270
-Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
-Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
-Nitrophenol	ug/L	< 1		042209	1	EPA8270
,4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
,4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
-Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
,4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
,4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
,4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
-Nitrophenol	ug/L	< 10		042209	10	EPA8270
-Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
entachlorophenol (ms)	ug/L	< 10		042209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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LAB NO.291475.09 05/04/09

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Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor	ug/L	< 0.05		042309	0.05	EPA608
Aldrin	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDE	ug/L	< 0.05		042309	0.05	EPA608
Dieldrin	ug/L	< 0.05		042309	0.05	EPA608
Endrin	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDT	ug/L	< 0.1		042309	0.1	EPA608
Chlordane	ug/L	< 0.2		042309	0.2	EPA608
Toxaphene	ug/L	< 1		042309	1	EPA608
Endrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
α BHC	ug/L	< 0.05		042309	0.05	EPA608
β BHC	ug/L	< 0.05		042309	0.05	EPA608
γ BHC	ug/L	< 0.05		042309	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		042309	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7972 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.09 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
Methoxychlor	ug/L	< 0.1		042309	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		042309	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7973 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.291475.09 05/04/09

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Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
luminum as Al	mg/L	0.02		042209	0.02	EPA200.7
ntimony as Sb	mg/L	< 0.01		042209	0.01	EPA200.7
rsenic as As	mg/L	0.013		042209	0.01	EPA200.7
arium as Ba	mg/L	0.23		042209	0.01	EPA200.7
eryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
admium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
alcium as Ca	mg/L	330		042209	4	EPA200.7
hromium as Cr	mg/L	0.011		042209	0.01	EPA200.7
obalt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
opper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
ron as Fe	mg/L	0.07		042209	0.02	EPA200.7
ead as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
agnesium as Mg	mg/L	870		042209	0.1	EPA200.7
anganese as Mn	mg/L	0.27		042209	0.02	EPA200.7
ercury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
ickel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
otassium as K	mg/L	470		042409	200	EPA200.7
elenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
lver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
odium as Na	mg/L	8100		042409	200	EPA200.7
allium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
nadium as V	mg/L	0.016		042209	0.01	EPA200.7
nc as Zn	mg/L	0.02		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7974 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.09 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042009	0.02	EPA335.4
Ammonia as N	mg/L	43		042209	0.2	4500NH3C
Chloride as Cl	mg/L	16000		042209	1000	SM204500C
Nitrate as N	mg/L	< 0.5		042109	0.5	EPA353.2
Sulfate as SO4	mg/L	1600		042309	250	ASTMD5160
Tot Dissolved Solids	mg/L	26000		042709	100	SM2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7975 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.10 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.02		042209	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		042209	0.01	EPA200.7
Arsenic as As	mg/L	< 0.01		042209	0.01	EPA200.7
Barium as Ba	mg/L	0.23		042209	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
Calcium as Ca	mg/L	330		042209	4	EPA200.7
Chromium as Cr	mg/L	< 0.01		042209	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
Copper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
Iron as Fe	mg/L	0.06		042209	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
Magnesium as Mg	mg/L	850		042209	0.1	EPA200.7
Manganese as Mn	mg/L	0.27		042209	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
Potassium as K	mg/L	470		042409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
Sodium as Na	mg/L	8200		042409	200	EPA200.7
Thallium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
Vanadium as V	mg/L	0.015		042209	0.01	EPA200.7
Zinc as Zn	mg/L	0.03		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 7976 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.11 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler P0#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B-DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	< 1		042009	1	EPA8260
Methylene Chloride	ug/L	< 1		042009	1	EPA8260
Acetone	ug/L	< 10		042009	10	EPA8260
Carbon disulfide	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
Chloroform	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
-Butanone	ug/L	< 10		042009	10	EPA8260
11 Trichloroethane	ug/L	< 1		042009	1	EPA8260
arbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
romodichloromethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
richloroethene	ug/L	< 1		042009	1	EPA8260
hlorodibromomethane	ug/L	< 1		042009	1	EPA8260
12 Trichloroethane	ug/L	< 1		042009	1	EPA8260
enzene	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
romoform	ug/L	< 1		042009	1	EPA8260
-Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7977 NYSDOH ID # 10320

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LAB NO.291475.11 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B-DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042009	10	EPA8260
Tetrachloroethene	ug/L	< 1		042009	1	EPA8260
Toluene	ug/L	< 1		042009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
Chlorobenzene	ug/L	< 1		042009	1	EPA8260
Ethyl Benzene	ug/L	< 1		042009	1	EPA8260
Styrene	ug/L	< 1		042009	1	EPA8260
o Xylene	ug/L	< 1		042009	1	EPA8260
m + p Xylene	ug/L	< 2		042009	2	EPA8260
Xylene	ug/L	< 3		042009	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7978 NYSDOH ID # 10320

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ATTN: Ross Hibler PO#:1317

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B-DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Carbazole	ug/L	< 1		042209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042209	1	EPA8270
Hexachloroethane	ug/L	< 1		042209	1	EPA8270
Nitrobenzene	ug/L	< 1		042209	1	EPA8270
Isophorone	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042209	1	EPA8270
4-Chloroaniline	ug/L	< 1		042209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
2-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042209	1	EPA8270
Acenaphthylene	ug/L	< 1		042209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
3-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Acenaphthene	ug/L	< 1		042209	1	EPA8270
Dibenzofuran	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7979 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

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TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B-DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Fluorene	ug/L	< 1		042209	1	EPA8270
4-Nitroaniline	ug/L	< 1		042209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042209	1	EPA8270
Phenanthrene	ug/L	< 1		042209	1	EPA8270
Anthracene	ug/L	< 1		042209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		042209	1	EPA8270
Fluoranthene	ug/L	< 1		042209	1	EPA8270
Pyrene	ug/L	< 1		042209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @No recovery in ms/msd.

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.11 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B-DUP

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
hrysene	ug/L	< 1		042209	1	EPA8270
is(2-ethylhexyl)phthalate	ug/L	4.8	#	042209	1	EPA8270
i-n-octyl Phthalate	ug/L	< 1		042209	1	EPA8270
enzo(b)fluoranthene	ug/L	< 1		042209	1	EPA8270
enzo(k)fluoranthene	ug/L	< 1		042209	1	EPA8270
enzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
ndeno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
ibenzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
enzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 0.32 ug/L in method blank.

DIRECTOR

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B-DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042209	1	EPA8270
2-Chlorophenol	ug/L	< 1		042209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
2-Nitrophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
4-Nitrophenol	ug/L	< 10		042209	10	EPA8270
4-Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		042209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7982 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291475.11 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B-DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor	ug/L	< 0.05		042309	0.05	EPA608
Aldrin	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDE	ug/L	< 0.05		042309	0.05	EPA608
Dieldrin	ug/L	< 0.05		042309	0.05	EPA608
Endrin	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDT	ug/L	< 0.1		042309	0.1	EPA608
Chlordane	ug/L	< 0.2		042309	0.2	EPA608
Toxaphene	ug/L	< 1		042309	1	EPA608
Endrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		042309	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7983 NYSDOH ID # 10320

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LAB NO.291475.11 05/04/09

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Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B-DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
Methoxychlor	ug/L	< 0.1		042309	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		042409	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7984 NYSDOH ID # 10320

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LAB NO.291475.11 05/04/09

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Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B-DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.03		042209	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		042209	0.01	EPA200.7
Arsenic as As	mg/L	0.016		042209	0.01	EPA200.7
Barium as Ba	mg/L	0.22		042209	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
Calcium as Ca	mg/L	340		042209	4	EPA200.7
Chromium as Cr	mg/L	< 0.01		042209	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
Copper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
Iron as Fe	mg/L	0.064		042209	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
Magnesium as Mg	mg/L	790		042209	0.1	EPA200.7
Manganese as Mn	mg/L	0.26		042209	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
Potassium as K	mg/L	430		042409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
Sodium as Na	mg/L	7400		042409	200	EPA200.7
Thallium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
Vanadium as V	mg/L	0.016		042209	0.01	EPA200.7
Zinc as Zn	mg/L	< 0.02		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7985 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291475.11 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B-DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.04		042009	0.04	EPA335.4
Ammonia as N	mg/L	42		042209	0.2	4500NH3C
Chloride as Cl	mg/L	16000		042209	1000	SM204500C
Nitrate as N	mg/L	< 0.5		042109	0.5	EPA353.2
Sulfate as SO4	mg/L	1500		042309	250	ASTMD5160
Tot Dissolved Solids	mg/L	26000		042709	100	SM2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7986 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291475.12 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:0955
MATRIX:Water SAMPLE: MW-120B-DUP DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.02		042209	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		042209	0.01	EPA200.7
Arsenic as As	mg/L	< 0.01		042209	0.01	EPA200.7
Barium as Ba	mg/L	0.23		042209	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
Calcium as Ca	mg/L	330		042209	4	EPA200.7
Chromium as Cr	mg/L	0.011		042209	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
Copper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
Iron as Fe	mg/L	0.04		042209	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
Magnesium as Mg	mg/L	860		042209	0.1	EPA200.7
Manganese as Mn	mg/L	0.27		042209	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
Potassium as K	mg/L	480		042409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
Sodium as Na	mg/L	8200		042409	200	EPA200.7
Thallium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
Vanadium as V	mg/L	0.015		042209	0.01	EPA200.7
Zinc as Zn	mg/L	0.02		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 7987 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.13 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1105

MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	< 1		042009	1	EPA8260
Methylene Chloride	ug/L	< 1		042009	1	EPA8260
Acetone	ug/L	< 10		042009	10	EPA8260
Carbon disulfide	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
Chloroform	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
-Butanone	ug/L	< 10		042009	10	EPA8260
11 Trichloroethane	ug/L	< 1		042009	1	EPA8260
arbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
romodichloromethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
richloroethene	ug/L	< 1		042009	1	EPA8260
hlorodibromomethane	ug/L	< 1		042009	1	EPA8260
12 Trichloroethane	ug/L	< 1		042009	1	EPA8260
enzene	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
romoform	ug/L	< 1		042009	1	EPA8260
-Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7988 NYSDOH ID # 10320

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LAB NO.291475.13 05/04/09

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Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1105
MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042009	10	EPA8260
Tetrachloroethene	ug/L	< 1		042009	1	EPA8260
Toluene	ug/L	< 1		042009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
Chlorobenzene	ug/L	< 1		042009	1	EPA8260
Ethyl Benzene	ug/L	< 1		042009	1	EPA8260
Styrene	ug/L	< 1		042009	1	EPA8260
o Xylene	ug/L	< 1		042009	1	EPA8260
m + p Xylene	ug/L	< 2		042009	2	EPA8260
Xylene	ug/L	< 3		042009	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7989 NYSDOH ID # 10320

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1105

MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Carbazole	ug/L	< 1		042209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042209	1	EPA8270
Hexachloroethane	ug/L	< 1		042209	1	EPA8270
Nitrobenzene	ug/L	< 1		042209	1	EPA8270
Isophorone	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042209	1	EPA8270
4-Chloroaniline	ug/L	< 1		042209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
2-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042209	1	EPA8270
Acenaphthylene	ug/L	< 1		042209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
3-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Acenaphthene	ug/L	< 1		042209	1	EPA8270
Dibenzofuran	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7990 NYSDOH ID # 10320

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1105
MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Fluorene	ug/L	< 1		042209	1	EPA8270
4-Nitroaniline	ug/L	< 1		042209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042209	1	EPA8270
Phenanthrene	ug/L	< 1		042209	1	EPA8270
Anthracene	ug/L	< 1		042209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		042209	1	EPA8270
Fluoranthene	ug/L	< 1		042209	1	EPA8270
Pyrene	ug/L	< 1		042209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @No recovery in ms/msd.

DIRECTOR

rn = 7991 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.13 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1105

MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	4.5	#	042209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		042209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 0.32 ug/L in method blank.

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.13 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1105
MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042209	1	EPA8270
2-Chlorophenol	ug/L	< 1		042209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
2-Nitrophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
4-Nitrophenol	ug/L	< 10		042209	10	EPA8270
4-Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		042209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7993 NYSDOH ID # 10320

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.13 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1105

MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor	ug/L	< 0.05		042309	0.05	EPA608
Aldrin	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDE	ug/L	< 0.05		042309	0.05	EPA608
Dieldrin	ug/L	< 0.05		042309	0.05	EPA608
Endrin	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDT	ug/L	< 0.1		042309	0.1	EPA608
Chlordane	ug/L	< 0.2		042309	0.2	EPA608
Toxaphene	ug/L	< 1		042309	1	EPA608
Endrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
α BHC	ug/L	< 0.05		042309	0.05	EPA608
β BHC	ug/L	< 0.05		042309	0.05	EPA608
γ BHC	ug/L	< 0.05		042309	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		042309	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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LAB NO.291475.13 05/04/09

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Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1105
MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
Methoxychlor	ug/L	< 0.1		042309	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		042409	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7995 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.13 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1105

MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
luminum as Al	mg/L	0.03		042209	0.02	EPA200.7
ntimony as Sb	mg/L	< 0.01		042209	0.01	EPA200.7
rsenic as As	mg/L	0.014		042209	0.01	EPA200.7
arium as Ba	mg/L	0.12		042209	0.01	EPA200.7
eryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
admium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
alcium as Ca	mg/L	310		042209	4	EPA200.7
hromium as Cr	mg/L	< 0.01		042209	0.01	EPA200.7
obalt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
opper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
ron as Fe	mg/L	0.09		042209	0.02	EPA200.7
ead as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
agnesium as Mg	mg/L	890		042209	0.1	EPA200.7
anganese as Mn	mg/L	0.03		042209	0.02	EPA200.7
ercury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
ickel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
otassium as K	mg/L	470		042409	200	EPA200.7
elenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
ilver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
odium as Na	mg/L	8300		042409	200	EPA200.7
hallium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
anadium as V	mg/L	< 0.01		042209	0.01	EPA200.7
inc as Zn	mg/L	0.02		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7996 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.291475.13 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1105

MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.04		042009	0.04	EPA335.4
Ammonia as N	mg/L	4.8		042209	0.2	4500NH3C
Chloride as Cl	mg/L	15000		042209	1000	SM204500C:
Nitrate as N	mg/L	< 0.5		042109	0.5	EPA353.2
Sulfate as SO4	mg/L	1900		042309	250	ASTMD5160
Tot Dissolved Solids	mg/L	27000		042709	100	SM2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7997 NYSDOH ID # 10320

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LAB NO.291475.14 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1105
MATRIX:Water SAMPLE: MW-104 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.02		042209	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		042209	0.01	EPA200.7
Arsenic as As	mg/L	0.018		042209	0.01	EPA200.7
Barium as Ba	mg/L	0.12		042209	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
Calcium as Ca	mg/L	310		042209	4	EPA200.7
Chromium as Cr	mg/L	< 0.01		042209	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
Copper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
Iron as Fe	mg/L	0.06		042209	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
Magnesium as Mg	mg/L	890		042209	0.1	EPA200.7
Manganese as Mn	mg/L	0.03		042209	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
Potassium as K	mg/L	470		042409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
Sodium as Na	mg/L	8300		042409	200	EPA200.7
Thallium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
Vanadium as V	mg/L	< 0.01		042209	0.01	EPA200.7
Zinc as Zn	mg/L	0.02		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 7998 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.15 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1232
MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	< 1		042009	1	EPA8260
Methylene Chloride	ug/L	< 1		042009	1	EPA8260
Acetone	ug/L	< 10		042009	10	EPA8260
Carbon disulfide	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
Chloroform	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
-Butanone	ug/L	< 10		042009	10	EPA8260
11 Trichloroethane	ug/L	< 1		042009	1	EPA8260
arbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
romodichloromethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
richloroethene	ug/L	< 1		042009	1	EPA8260
hlorodibromomethane	ug/L	< 1		042009	1	EPA8260
12 Trichloroethane	ug/L	< 1		042009	1	EPA8260
enzene	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
romoform	ug/L	< 1		042009	1	EPA8260
-Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7999 NYSDOH ID # 10320

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LAB NO.291475.15 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1232

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042009	10	EPA8260
Tetrachloroethene	ug/L	< 1		042009	1	EPA8260
Toluene	ug/L	< 1		042009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
Chlorobenzene	ug/L	< 1		042009	1	EPA8260
Ethyl Benzene	ug/L	< 1		042009	1	EPA8260
Styrene	ug/L	< 1		042009	1	EPA8260
o Xylene	ug/L	< 1		042009	1	EPA8260
m + p Xylene	ug/L	< 2		042009	2	EPA8260
Xylene	ug/L	< 3		042009	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8000 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1232

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Carbazole	ug/L	< 1		042209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042209	1	EPA8270
Hexachloroethane	ug/L	< 1		042209	1	EPA8270
Nitrobenzene	ug/L	< 1		042209	1	EPA8270
Isophorone	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042209	1	EPA8270
4-Chloroaniline	ug/L	< 1		042209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
2-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042209	1	EPA8270
Acenaphthylene	ug/L	< 1		042209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
3-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Acenaphthene	ug/L	< 1		042209	1	EPA8270
Dibenzofuran	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8001 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291475.15 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1232

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Fluorene	ug/L	< 1		042209	1	EPA8270
4-Nitroaniline	ug/L	< 1		042209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042209	1	EPA8270
Phenanthrene	ug/L	< 1		042209	1	EPA8270
Anthracene	ug/L	< 1		042209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		042209	1	EPA8270
Fluoranthene	ug/L	< 1		042209	1	EPA8270
Pyrene	ug/L	< 1		042209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @No recovery in ms/msd.

DIRECTOR

rn = 8002 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.15 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1232
MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	3.7	#	042209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		042209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 0.32 ug/L in method blank.

DIRECTOR

rn = 8003 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.15 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1232

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042209	1	EPA8270
2-Chlorophenol	ug/L	< 1		042209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
2-Nitrophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
4-Nitrophenol	ug/L	< 10		042209	10	EPA8270
4-Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		042209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8004 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.291475.15 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1232
MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor	ug/L	< 0.05		042309	0.05	EPA608
Aldrin	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
,p-DDE	ug/L	< 0.05		042309	0.05	EPA608
Dieldrin	ug/L	< 0.05		042309	0.05	EPA608
Endrin	ug/L	< 0.05		042309	0.05	EPA608
,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
,p-DDT	ug/L	< 0.1		042309	0.1	EPA608
Chlordane	ug/L	< 0.2		042309	0.2	EPA608
Toxaphene	ug/L	< 1		042309	1	EPA608
Endrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
ndosulfan 1	ug/L	< 0.1		042309	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.291475.15 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1232
MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
Methoxychlor	ug/L	< 0.1		042309	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		042409	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.15 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1232

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
luminum as Al	mg/L	< 0.02		042209	0.02	EPA200.7
ntimony as Sb	mg/L	< 0.01		042209	0.01	EPA200.7
rsenic as As	mg/L	0.012		042209	0.01	EPA200.7
arium as Ba	mg/L	0.066		042209	0.01	EPA200.7
eryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
admium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
alcium as Ca	mg/L	150		042209	0.4	EPA200.7
hromium as Cr	mg/L	< 0.01		042209	0.01	EPA200.7
obalt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
opper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
ron as Fe	mg/L	0.02		042209	0.02	EPA200.7
ead as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
agnesium as Mg	mg/L	17		042209	0.01	EPA200.7
anganese as Mn	mg/L	0.05		042209	0.02	EPA200.7
ercury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
ickel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
otassium as K	mg/L	13		042209	2	EPA200.7
elenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
ilver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
odium as Na	mg/L	21		042209	2	EPA200.7
allium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
anadium as V	mg/L	< 0.01		042209	0.01	EPA200.7
inc as Zn	mg/L	< 0.02		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8007 NYSDOH ID # 10320

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.15 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1232

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042009	0.02	EPA335.4
Ammonia as N	mg/L	0.4		042209	0.2	4500NH3C
Chloride as Cl	mg/L	18		042209	2	SM204500C1
Nitrate as N	mg/L	0.5		042109	0.5	EPA353.2
Sulfate as SO4	mg/L	70		042309	25	ASTMD5160
Tot Dissolved Solids	mg/L	620		042209	10	SM2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8008 NYSDOH ID # 10320

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LAB NO.291475.16 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09
TIME COL'D:1232
MATRIX:Water SAMPLE: MW-114 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
luminum as Al	mg/L	< 0.02		042209	0.02	EPA200.7
ntimony as Sb	mg/L	< 0.01		042209	0.01	EPA200.7
rsenic as As	mg/L	< 0.01		042209	0.01	EPA200.7
arium as Ba	mg/L	0.061		042209	0.01	EPA200.7
eryllium as Be	mg/L	< 0.002		042209	0.002	EPA200.7
admium as Cd	mg/L	< 0.01		042209	0.01	EPA200.7
alcium as Ca	mg/L	140		042209	0.4	EPA200.7
hromium as Cr	mg/L	< 0.01		042209	0.01	EPA200.7
obalt as Co	mg/L	< 0.01		042209	0.01	EPA200.7
opper as Cu	mg/L	< 0.02		042209	0.02	EPA200.7
ron as Fe	mg/L	0.07		042209	0.02	EPA200.7
ead as Pb	mg/L	< 0.01		042209	0.01	EPA200.7
agnesium as Mg	mg/L	17		042209	0.01	EPA200.7
anganese as Mn	mg/L	0.04		042209	0.02	EPA200.7
ercury as Hg	mg/L	< 0.001		042209	0.001	EPA245.2
ickel as Ni	mg/L	< 0.02		042209	0.02	EPA200.7
otassium as K	mg/L	13		042209	2	EPA200.7
elenium as Se	mg/L	< 0.02		042209	0.02	EPA200.7
lver as Ag	mg/L	< 0.01		042209	0.01	EPA200.7
odium as Na	mg/L	21		042209	2	EPA200.7
allium as Tl	mg/L	< 0.01		042209	0.01	EPA200.7
nadium as V	mg/L	< 0.01		042209	0.01	EPA200.7
nc as Zn	mg/L	< 0.02		042209	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 8009 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
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LAB NO.291475.17 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	< 1		042009	1	EPA8260
Methylene Chloride	ug/L	< 1		042009	1	EPA8260
Acetone	ug/L	< 10		042009	10	EPA8260
Carbon disulfide	ug/L	< 1		042009	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
Chloroform	ug/L	< 1		042009	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
2-Butanone	ug/L	< 10		042009	10	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		042009	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
Bromodichloromethane	ug/L	< 1		042009	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Trichloroethene	ug/L	< 1		042009	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042009	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		042009	1	EPA8260
Benzene	ug/L	< 1		042009	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Bromoform	ug/L	< 1		042009	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8010 NYSDOH ID # 10320

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291475.17 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/16/09 RECEIVED:04/16/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042009	10	EPA8260
Tetrachloroethene	ug/L	< 1		042009	1	EPA8260
Toluene	ug/L	< 1		042009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
Chlorobenzene	ug/L	< 1		042009	1	EPA8260
Ethyl Benzene	ug/L	< 1		042009	1	EPA8260
Styrene	ug/L	< 1		042009	1	EPA8260
o Xylene	ug/L	< 1		042009	1	EPA8260
m + p Xylene	ug/L	< 2		042009	2	EPA8260
Xylene	ug/L	< 3		042009	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8011 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291446.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:0900

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 5		041609	5	EPA8260
Bromomethane	ug/L	< 5		041609	5	EPA8260
Vinyl Chloride	ug/L	< 5		041609	5	EPA8260
Chloroethane	ug/L	< 5		041609	5	EPA8260
Methylene Chloride	ug/L	< 5		041609	5	EPA8260
Acetone	ug/L	< 50		041609	50	EPA8260
Carbon disulfide	ug/L	< 5		041609	5	EPA8260
1,1 Dichloroethene	ug/L	< 5		041609	5	EPA8260
1,1 Dichloroethane	ug/L	< 5		041609	5	EPA8260
1,2 Dichloroethene	ug/L	< 10		041609	10	EPA8260
Chloroform	ug/L	< 5		041609	5	EPA8260
1,2 Dichloroethane	ug/L	< 5		041609	5	EPA8260
2-Butanone	ug/L	< 50		041609	50	EPA8260
1,1,1 Trichloroethane	ug/L	< 5		041609	5	EPA8260
Carbon Tetrachloride	ug/L	< 5		041609	5	EPA8260
Bromodichloromethane	ug/L	< 5		041609	5	EPA8260
1,2 Dichloropropane	ug/L	< 5		041609	5	EPA8260
cis-1,3Dichloropropene	ug/L	< 5		041609	5	EPA8260
Trichloroethene	ug/L	< 5		041609	5	EPA8260
Chlorodibromomethane	ug/L	< 5		041609	5	EPA8260
1,1,2 Trichloroethane	ug/L	< 5		041609	5	EPA8260
Benzene	ug/L	6		041609	5	EPA8260
trans-1,3Dichloropropene	ug/L	< 5		041609	5	EPA8260
Bromoform	ug/L	< 5		041609	5	EPA8260
4-Methyl-2-Pentanone	ug/L	< 50		041609	50	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7729 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291446.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:0900

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 50		041609	50	EPA8260
Tetrachloroethene	ug/L	< 5		041609	5	EPA8260
Toluene	ug/L	< 5		041609	5	EPA8260
1122Tetrachloroethane	ug/L	< 5		041609	5	EPA8260
Chlorobenzene	ug/L	25		041609	5	EPA8260
Ethyl Benzene	ug/L	< 5		041609	5	EPA8260
Styrene	ug/L	< 5		041609	5	EPA8260
o Xylene	ug/L	< 5		041609	5	EPA8260
m + p Xylene	ug/L	< 5		041609	10	EPA8260
Xylene	ug/L	< 15		041609	15	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7730 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291446.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:0900

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
is(2-chloroethyl)ether	ug/L	< 1		042009	1	EPA8270
,3 Dichlorobenzene(sv)	ug/L	< 1		042009	1	EPA8270
,4 Dichlorobenzene(sv)	ug/L	< 1		042009	1	EPA8270
arbazole	ug/L	< 1		042009	1	EPA8270
,2 Dichlorobenzene(sv)	ug/L	< 1		042009	1	EPA8270
is(2-chloroisopropyl)ether	ug/L	< 1		042009	1	EPA8270
-Nitrosodi-n-propylamine	ug/L	< 1		042009	1	EPA8270
exachloroethane	ug/L	< 1		042009	1	EPA8270
itrobenzene	ug/L	< 1		042009	1	EPA8270
sophorone	ug/L	< 1		042009	1	EPA8270
is(2-chloroethoxy)methane	ug/L	< 1		042009	1	EPA8270
24-Trichlorobenzene (sv)	ug/L	< 1		042009	1	EPA8270
aphthalene(sv)	ug/L	< 1		042009	1	EPA8270
-Chloroaniline	ug/L	< 1		042009	1	EPA8270
exachlorobutadiene	ug/L	< 1		042009	1	EPA8270
-Methylnaphthalene	ug/L	1.8	#	042009	1	EPA8270
exachlorocyclopentadiene	ug/L	< 10		042009	10	EPA8270
-Chloronaphthalene	ug/L	< 1		042009	1	EPA8270
-Nitroaniline	ug/L	< 1		042009	1	EPA8270
methyl Phthalate	ug/L	< 1		042009	1	EPA8270
enaphthylene	ug/L	< 1		042009	1	EPA8270
6-Dinitrotoluene	ug/L	< 1		042009	1	EPA8270
-Nitroaniline	ug/L	< 1		042009	1	EPA8270
enaphthene	ug/L	2.4		042009	1	EPA8270
benzofuran	ug/L	< 1		042009	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 1.38ug/L in method blank.

DIRECTOR

rn = 7731 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.291446.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:0900

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042009	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042009	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042009	1	EPA8270
Fluorene	ug/L	< 1		042009	1	EPA8270
4-Nitroaniline	ug/L	< 1		042009	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042009	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042009	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042009	1	EPA8270
Phenanthrene	ug/L	< 1		042009	1	EPA8270
Anthracene	ug/L	< 1		042009	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		042009	1	EPA8270
Fluoranthene	ug/L	< 1		042009	1	EPA8270
Pyrene	ug/L	< 1		042009	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042009	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		042009	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042009	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7732 NYSDOH ID # 10320

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LAB NO.291446.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:0900
MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042009	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	4.9	@	042009	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1	$	042009	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1	$	042009	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1	$	042009	1	EPA8270
Benzo(a)pyrene	ug/L	< 1	$	042009	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1	$	042009	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1	$	042009	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1	$	042009	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 1.52ug/L in method blank.
$Estimated due to low internal standard, $45%. QC limit is 50%.

DIRECTOR

rn = 7733 NYSDOH ID # 10320

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Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:0900
MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
henol	ug/L	< 1		042009	1	EPA8270
-Chlorophenol	ug/L	< 1		042009	1	EPA8270
-Methylphenol (o-cresol)	ug/L	< 1		042009	1	EPA8270
-Methylphenol (p-cresol)	ug/L	< 1		042009	1	EPA8270
-Nitrophenol	ug/L	< 1		042009	1	EPA8270
,4-Dimethylphenol	ug/L	< 1		042009	1	EPA8270
,4-Dichlorophenol	ug/L	< 1		042009	1	EPA8270
-Chloro-3-methylphenol	ug/L	< 1		042009	1	EPA8270
,4,6-Trichlorophenol	ug/L	< 1		042009	1	EPA8270
,4,5-Trichlorophenol	ug/L	< 1		042009	1	EPA8270
,4-Dinitrophenol	ug/L	< 10		042009	10	EPA8270
-Nitrophenol	ug/L	< 10		042009	10	EPA8270
-Methyl-4,6-dinitrophenol	ug/L	< 10		042009	10	EPA8270
entachlorophenol (ms)	ug/L	< 10		042009	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7734 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

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LAB NO.291446.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:0900

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		041809	0.05	EPA608
Heptachlor	ug/L	< 0.05		041809	0.05	EPA608
Aldrin	ug/L	< 0.05		041809	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		041809	0.05	EPA608
o,p-DDE	ug/L	< 0.05		041809	0.05	EPA608
Dieldrin	ug/L	< 0.05		041809	0.05	EPA608
Endrin	ug/L	< 0.05		041809	0.05	EPA608
o,p-DDD	ug/L	< 0.05		041809	0.05	EPA608
o,p-DDT	ug/L	< 0.1		041809	0.1	EPA608
Chlordane	ug/L	< 0.2		041809	0.2	EPA608
Toxaphene	ug/L	< 1		041809	1	EPA608
Endrin Ketone	ug/L	< 0.1		041809	0.1	EPA608
α BHC	ug/L	< 0.05		041809	0.05	EPA608
β BHC	ug/L	< 0.05		041809	0.05	EPA608
δ BHC	ug/L	< 0.05		041809	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		041809	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7735 NYSDOH ID # 10320

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LAB NO.291446.01 05/04/09

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Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:0900

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		041809	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		041809	0.3	EPA608
Methoxychlor	ug/L	< 0.1		041809	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		041809	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		042309	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.291446.01 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:0900

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		042009	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		042009	0.025	EPA200.7
Arsenic as As	mg/L	0.047		042009	0.025	EPA200.7
Barium as Ba	mg/L	2.6		042009	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		042009	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		042009	0.025	EPA200.7
Calcium as Ca	mg/L	45		042009	1	EPA200.7
Chromium as Cr	mg/L	0.067		042009	0.025	EPA200.7
Cobalt as Co	mg/L	0.065		042009	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		042009	0.05	EPA200.7
Iron as Fe	mg/L	13		042009	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		042009	0.025	EPA200.7
Magnesium as Mg	mg/L	240		042009	0.025	EPA200.7
Manganese as Mn	mg/L	< 0.05		042009	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		041709	0.001	EPA245.2
Nickel as Ni	mg/L	0.85		042009	0.05	EPA200.7
Potassium as K	mg/L	300		042409	100	EPA200.7
Selenium as Se	mg/L	< 0.05		042009	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		042009	0.025	EPA200.7
Sodium as Na	mg/L	2700		042409	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		042009	0.025	EPA200.7
Vanadium as V	mg/L	0.032		042009	0.025	EPA200.7
Zinc as Zn	mg/L	0.07		042009	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7737 NYSDOH ID # 10320

...the samples as received by the laboratory

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.291446.01 05/04/09

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100 Morris Avenue
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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:0900
MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042009	0.02	EPA335.4
Ammonia as N	mg/L	290		042209	0.8	4500NH3C
Chloride as Cl	mg/L	3100		042109	100	SM204500C1
Nitrate as N	mg/L	< 0.5		041709	0.5	EPA353.2
Sulfate as SO4	mg/L	< 25		042309	25	ASTMD51602
Tot Dissolved Solids	mg/L	9500		042009	20	SM2540C

cc:

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REMARKS:

DIRECTOR

rn = 7738 NYSDOH ID # 10320

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LAB NO.291446.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:0900
MATRIX:Water SAMPLE: MW-122 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.05		042009	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		042009	0.025	EPA200.7
Arsenic as As	mg/L	0.057		042009	0.025	EPA200.7
Barium as Ba	mg/L	2.8		042009	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		042009	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		042009	0.025	EPA200.7
Calcium as Ca	mg/L	50		042009	1	EPA200.7
Chromium as Cr	mg/L	0.07		042009	0.025	EPA200.7
Cobalt as Co	mg/L	0.075		042009	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		042009	0.05	EPA200.7
Iron as Fe	mg/L	12		042009	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		042009	0.025	EPA200.7
Magnesium as Mg	mg/L	270		042009	0.025	EPA200.7
Manganese as Mn	mg/L	< 0.05		042009	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		041709	0.001	EPA245.2
Nickel as Ni	mg/L	0.95		042009	0.05	EPA200.7
Potassium as K	mg/L	360		042409	100	EPA200.7
Selenium as Se	mg/L	< 0.05		042009	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		042009	0.025	EPA200.7
Sodium as Na	mg/L	3100		042409	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		042009	0.025	EPA200.7
Vanadium as V	mg/L	0.035		042009	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		042009	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 7739 NYSDOH ID # 10320

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LAB NO.291446.03 05/04/09

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1030
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		041609	1	EPA8260
Bromomethane	ug/L	< 1		041609	1	EPA8260
Vinyl Chloride	ug/L	< 1		041609	1	EPA8260
Chloroethane	ug/L	< 1		041609	1	EPA8260
Methylene Chloride	ug/L	< 1		041609	1	EPA8260
Acetone	ug/L	< 10		041609	10	EPA8260
Carbon disulfide	ug/L	< 1		041609	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		041609	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		041609	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		041609	2	EPA8260
Chloroform	ug/L	< 1		041609	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		041609	1	EPA8260
2-Butanone	ug/L	< 10		041609	10	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		041609	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		041609	1	EPA8260
Bromodichloromethane	ug/L	< 1		041609	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		041609	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		041609	1	EPA8260
Trichloroethene	ug/L	< 1		041609	1	EPA8260
Chlorodibromomethane	ug/L	< 1		041609	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		041609	1	EPA8260
Benzene	ug/L	< 1		041609	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		041609	1	EPA8260
Bromoform	ug/L	< 1		041609	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		041609	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7740 NYSDOH ID # 10320

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LAB NO.291446.03 05/04/09

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		041609	10	EPA8260
Tetrachloroethene	ug/L	< 1		041609	1	EPA8260
Toluene	ug/L	< 1		041609	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		041609	1	EPA8260
Chlorobenzene	ug/L	< 1		041609	1	EPA8260
Ethyl Benzene	ug/L	< 1		041609	1	EPA8260
Styrene	ug/L	< 1		041609	1	EPA8260
o Xylene	ug/L	< 1		041609	1	EPA8260
m + p Xylene	ug/L	< 2		041609	2	EPA8260
Xylene	ug/L	< 3		041609	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7741 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291446.03 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler P0#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1030
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042009	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042009	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042009	1	EPA8270
Carbazole	ug/L	< 1		042009	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042009	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042009	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042009	1	EPA8270
Hexachloroethane	ug/L	< 1		042009	1	EPA8270
Nitrobenzene	ug/L	< 1		042009	1	EPA8270
Isophorone	ug/L	< 1		042009	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042009	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		042009	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042009	1	EPA8270
4-Chloroaniline	ug/L	< 1		042009	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042009	1	EPA8270
2-Methylnaphthalene	ug/L	2.5	#	042009	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042009	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042009	1	EPA8270
2-Nitroaniline	ug/L	< 1		042009	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042009	1	EPA8270
Acenaphthylene	ug/L	< 1		042009	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042009	1	EPA8270
3-Nitroaniline	ug/L	< 1		042009	1	EPA8270
Acenaphthene	ug/L	< 1		042009	1	EPA8270
Dibenzofuran	ug/L	< 1		042009	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 1.38ug/L in method blank.

DIRECTOR

rn = 7742 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291446.03 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1030
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
,4-Dinitrotoluene	ug/L	< 1		042009	1	EPA8270
iethyl Phthalate	ug/L	< 1		042009	1	EPA8270
-Chlorophenyl phenyl ether	ug/L	< 1		042009	1	EPA8270
luorene	ug/L	< 1		042009	1	EPA8270
-Nitroaniline	ug/L	< 1		042009	1	EPA8270
-Nitrosodiphenylamine	ug/L	< 1		042009	1	EPA8270
-Bromophenyl phenyl ether	ug/L	< 1		042009	1	EPA8270
exachlorobenzene	ug/L	< 1		042009	1	EPA8270
henanthrene	ug/L	< 1		042009	1	EPA8270
nthracene	ug/L	< 1		042009	1	EPA8270
i-n-Butyl Phthalate	ug/L	< 1		042009	1	EPA8270
luoranthene	ug/L	< 1		042009	1	EPA8270
yrene	ug/L	< 1		042009	1	EPA8270
enzylButylPhthalate	ug/L	< 1		042009	1	EPA8270
,3'-Dichlorobenzidine	ug/L	< 10		042009	10	EPA8270
enzo(a)anthracene	ug/L	< 1		042009	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1030
MATRIX:Water SAMPLE: MW-113

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
hrysene	ug/L	< 1		042009	1	EPA8270
is(2-ethylhexyl)phthalate	ug/L	5.7	@	042009	1	EPA8270
i-n-octyl Phthalate	ug/L	< 1		042009	1	EPA8270
enzo(b)fluoranthene	ug/L	< 1		042009	1	EPA8270
enzo(k)fluoranthene	ug/L	< 1		042009	1	EPA8270
enzo(a)pyrene	ug/L	< 1		042009	1	EPA8270
ndeno(1,2,3-cd)pyrene	ug/L	< 1		042009	1	EPA8270
ibenzo(a,h)anthracene	ug/L	< 1		042009	1	EPA8270
enzo(ghi)perylene	ug/L	< 1		042009	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 1.52ug/L in method blank.

DIRECTOR

rn = 7744 NYSDOH ID # 10320

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1030
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042009	1	EPA8270
2-Chlorophenol	ug/L	< 1		042009	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042009	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042009	1	EPA8270
2-Nitrophenol	ug/L	< 1		042009	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042009	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042009	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042009	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042009	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042009	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042009	10	EPA8270
4-Nitrophenol	ug/L	< 10		042009	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		042009	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		042009	10	EPA8270

cc:

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REMARKS:

DIRECTOR

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1030
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		041809	0.05	EPA608
Heptachlor	ug/L	< 0.05		041809	0.05	EPA608
Aldrin	ug/L	< 0.05		041809	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		041809	0.05	EPA608
o,p-DDE	ug/L	< 0.05		041809	0.05	EPA608
Dieldrin	ug/L	< 0.05		041809	0.05	EPA608
Endrin	ug/L	< 0.05		041809	0.05	EPA608
o,p-DDD	ug/L	< 0.05		041809	0.05	EPA608
o,p-DDT	ug/L	< 0.1		041809	0.1	EPA608
Chlordane	ug/L	< 0.2		041809	0.2	EPA608
Toxaphene	ug/L	< 1		041809	1	EPA608
Endrin Ketone	ug/L	< 0.1		041809	0.1	EPA608
a BHC	ug/L	< 0.05		041809	0.05	EPA608
b BHC	ug/L	< 0.05		041809	0.05	EPA608
d BHC	ug/L	< 0.05		041809	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		041809	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7746 NYSDOH ID # 10320

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1030
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
ndosulfan 2	ug/L	< 0.1		041809	0.1	EPA608
ndosulfan Sulfate	ug/L	< 0.3		041809	0.3	EPA608
ethoxychlor	ug/L	< 0.1		041809	0.1	EPA608
ndrin Aldehyde	ug/L	< 0.3		041809	0.3	EPA608
roclor 1016	ug/L	< 0.065		042309	0.065	EPA608
roclor 1221	ug/L	< 0.065		042309	0.065	EPA608
roclor 1232	ug/L	< 0.065		042309	0.065	EPA608
roclor 1242	ug/L	< 0.065		042309	0.065	EPA608
roclor 1248	ug/L	< 0.065		042309	0.065	EPA608
roclor 1254	ug/L	< 0.065		042309	0.065	EPA608
roclor 1260	ug/L	< 0.065		042309	0.065	EPA608

cc:

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REMARKS:

DIRECTOR

rn = 7747 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

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LAB NO.291446.03 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		042009	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		042009	0.005	EPA200.7
Arsenic as As	mg/L	0.014		042009	0.005	EPA200.7
Barium as Ba	mg/L	0.09		042009	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		042009	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		042009	0.005	EPA200.7
Calcium as Ca	mg/L	100		042009	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		042009	0.005	EPA200.7
Cobalt as Co	mg/L	0.01		042009	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		042009	0.01	EPA200.7
Iron as Fe	mg/L	6.6		042009	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		042009	0.005	EPA200.7
Magnesium as Mg	mg/L	26		042009	0.005	EPA200.7
Manganese as Mn	mg/L	1.5		042009	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		041709	0.000	EPA245.2
Nickel as Ni	mg/L	0.05		042009	0.01	EPA200.7
Potassium as K	mg/L	40		042409	10	EPA200.7
Selenium as Se	mg/L	< 0.01		042009	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		042009	0.005	EPA200.7
Sodium as Na	mg/L	170		042009	10	EPA200.7
Thallium as Tl	mg/L	< 0.005		042009	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		042009	0.005	EPA200.7
Zinc as Zn	mg/L	0.02		042009	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7748 NYSDOH ID # 10320

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LAB NO.291446.03 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler P0#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042009	0.02	EPA335.4
Ammonia as N	mg/L	29		042209	0.2	4500NH3C
Chloride as Cl	mg/L	190		042109	2	SM204500C
Nitrate as N	mg/L	< 0.5		041709	0.5	EPA353.2
Sulfate as SO4	mg/L	110		042309	25	ASTMD5160
Tot Dissolved Solids	mg/L	990		042009	10	SM2540C

cc:

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REMARKS:

DIRECTOR

rn = 7749 NYSDOH ID # 10320

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LAB NO.291446.04 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler P0#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-113 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		042009	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		042009	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		042009	0.005	EPA200.7
Barium as Ba	mg/L	0.059		042009	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		042009	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		042009	0.005	EPA200.7
Calcium as Ca	mg/L	100		042009	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		042009	0.005	EPA200.7
Cobalt as Co	mg/L	0.01		042009	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		042009	0.01	EPA200.7
Iron as Fe	mg/L	7.8		042009	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		042009	0.005	EPA200.7
Magnesium as Mg	mg/L	24		042009	0.005	EPA200.7
Manganese as Mn	mg/L	1.5		042009	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		041709	0.000	EPA245.2
Nickel as Ni	mg/L	0.05		042009	0.01	EPA200.7
Potassium as K	mg/L	41		042409	10	EPA200.7
Selenium as Se	mg/L	< 0.01		042009	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		042009	0.005	EPA200.7
Sodium as Na	mg/L	170		042409	10	EPA200.7
Thallium as Tl	mg/L	< 0.005		042009	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		042009	0.005	EPA200.7
Zinc as Zn	mg/L	0.01		042009	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 7750 NYSDOH ID # 10320

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1307

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		041609	1	EPA8260
Bromomethane	ug/L	< 1		041609	1	EPA8260
Vinyl Chloride	ug/L	< 1		041609	1	EPA8260
Chloroethane	ug/L	< 1		041609	1	EPA8260
Methylene Chloride	ug/L	< 1		041609	1	EPA8260
Acetone	ug/L	< 10		041609	10	EPA8260
Carbon disulfide	ug/L	< 1		041609	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		041609	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		041609	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		041609	2	EPA8260
Chloroform	ug/L	< 1		041609	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		041609	1	EPA8260
2-Butanone	ug/L	< 10		041609	10	EPA8260
111 Trichloroethane	ug/L	< 1		041609	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		041609	1	EPA8260
Bromodichloromethane	ug/L	< 1		041609	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		041609	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		041609	1	EPA8260
Trichloroethene	ug/L	< 1		041609	1	EPA8260
Chlorodibromomethane	ug/L	< 1		041609	1	EPA8260
112 Trichloroethane	ug/L	< 1		041609	1	EPA8260
Benzene	ug/L	< 1		041609	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		041609	1	EPA8260
Bromoform	ug/L	< 1		041609	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		041609	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1307
MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		041609	10	EPA8260
Tetrachloroethene	ug/L	< 1		041609	1	EPA8260
Toluene	ug/L	< 1		041609	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		041609	1	EPA8260
Chlorobenzene	ug/L	< 1		041609	1	EPA8260
Ethyl Benzene	ug/L	< 1		041609	1	EPA8260
Styrene	ug/L	< 1		041609	1	EPA8260
o Xylene	ug/L	< 1		041609	1	EPA8260
m + p Xylene	ug/L	< 2		041609	2	EPA8260
Xylene	ug/L	< 3		041609	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7752 NYSDOH ID # 10320

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LAB NO.291446.05 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler P0#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1307

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
is(2-chloroethyl)ether	ug/L	< 1		042009	1	EPA8270
,3 Dichlorobenzene(sv)	ug/L	< 1		042009	1	EPA8270
,4 Dichlorobenzene(sv)	ug/L	< 1		042009	1	EPA8270
arbazole	ug/L	< 1		042009	1	EPA8270
,2 Dichlorobenzene(sv)	ug/L	< 1		042009	1	EPA8270
is(2-chloroisopropyl)ether	ug/L	< 1		042009	1	EPA8270
-Nitrosodi-n-propylamine	ug/L	< 1		042009	1	EPA8270
exachloroethane	ug/L	< 1		042009	1	EPA8270
itrobenzene	ug/L	< 1		042009	1	EPA8270
sophorone	ug/L	< 1		042009	1	EPA8270
is(2-chloroethoxy)methane	ug/L	< 1		042009	1	EPA8270
24-Trichlorobenzene (sv)	ug/L	< 1		042009	1	EPA8270
aphthalene(sv)	ug/L	< 1		042009	1	EPA8270
-Chloroaniline	ug/L	< 1		042009	1	EPA8270
exachlorobutadiene	ug/L	< 1		042009	1	EPA8270
-Methylnaphthalene	ug/L	2.4	#	042009	1	EPA8270
exachlorocyclopentadiene	ug/L	< 10		042009	10	EPA8270
-Chloronaphthalene	ug/L	< 1		042009	1	EPA8270
-Nitroaniline	ug/L	< 1		042009	1	EPA8270
methyl Phthalate	ug/L	< 1		042009	1	EPA8270
enaphthylene	ug/L	< 1		042009	1	EPA8270
6-Dinitrotoluene	ug/L	< 1		042009	1	EPA8270
Nitroaniline	ug/L	< 1		042009	1	EPA8270
enaphthene	ug/L	< 1		042009	1	EPA8270
benzofuran	ug/L	< 1		042009	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 1.38ug/L in method blank.

DIRECTOR

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291446.05 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1307
MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042009	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042009	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042009	1	EPA8270
Fluorene	ug/L	< 1		042009	1	EPA8270
4-Nitroaniline	ug/L	< 1		042009	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042009	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042009	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042009	1	EPA8270
Phenanthrene	ug/L	< 1		042009	1	EPA8270
Anthracene	ug/L	< 1		042009	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		042009	1	EPA8270
Fluoranthene	ug/L	< 1		042009	1	EPA8270
Pyrene	ug/L	< 1		042009	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042009	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		042009	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042009	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7754 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1307

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042009	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	4.2	@	042009	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		042009	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		042009	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		042009	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042009	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042009	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042009	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042009	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @Detected 1.5% in method blank.

DIRECTOR

rn = 7755 NYSDOH ID # 10320

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TIME COL'D:1307
MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042009	1	EPA8270
2-Chlorophenol	ug/L	< 1		042009	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042009	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042009	1	EPA8270
2-Nitrophenol	ug/L	< 1		042009	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042009	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042009	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042009	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042009	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042009	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042009	10	EPA8270
4-Nitrophenol	ug/L	< 10		042009	10	EPA8270
4-Methyl-4,6-dinitrophenol	ug/L	< 10		042009	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		042009	10	EPA8270

cc:

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REMARKS:

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Analytical results relate to the samples as received by the laboratory.

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1307
MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		041809	0.05	EPA608
Heptachlor	ug/L	< 0.05		041809	0.05	EPA608
Aldrin	ug/L	< 0.05		041809	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		041809	0.05	EPA608
o,p-DDE	ug/L	< 0.05		041809	0.05	EPA608
Dieldrin	ug/L	< 0.05		041809	0.05	EPA608
Endrin	ug/L	< 0.05		041809	0.05	EPA608
o,p-DDD	ug/L	< 0.05		041809	0.05	EPA608
o,p-DDT	ug/L	< 0.1		041809	0.1	EPA608
Chlordane	ug/L	< 0.2		041809	0.2	EPA608
Toxaphene	ug/L	< 1		041809	1	EPA608
Endrin Ketone	ug/L	< 0.1		041809	0.1	EPA608
BHC	ug/L	< 0.05		041809	0.05	EPA608
BHC	ug/L	< 0.05		041809	0.05	EPA608
BHC	ug/L	< 0.05		041809	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		041809	0.1	EPA608

cc:

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REMARKS:

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1307

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		041809	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		041809	0.3	EPA608
Methoxychlor	ug/L	< 0.1		041809	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		041809	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042309	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		042309	0.065	EPA608

cc:

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REMARKS:

DIRECTOR

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1307
MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.03		042009	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		042009	0.005	EPA200.7
Arsenic as As	mg/L	0.009		042009	0.005	EPA200.7
Barium as Ba	mg/L	0.09		042009	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		042009	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		042009	0.005	EPA200.7
Calcium as Ca	mg/L	130		042009	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		042009	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		042009	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		042009	0.01	EPA200.7
Iron as Fe	mg/L	0.04		042009	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		042009	0.005	EPA200.7
Magnesium as Mg	mg/L	16		042009	0.005	EPA200.7
Manganese as Mn	mg/L	< 0.01		042009	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		041709	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		042009	0.01	EPA200.7
Potassium as K	mg/L	5.9		042009	1	EPA200.7
Selenium as Se	mg/L	< 0.01		042009	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		042009	0.005	EPA200.7
Sodium as Na	mg/L	14		042009	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		042009	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		042009	0.005	EPA200.7
Zinc as Zn	mg/L	< 0.01		042009	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7759 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291446.05 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1307

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042009	0.02	EPA335.4
Ammonia as N	mg/L	< 0.05		042109	0.05	SM4500NH3
Chloride as Cl	mg/L	9		042109	2	SM204500C
Nitrate as N	mg/L	0.9		041709	0.5	EPA353.2
Sulfate as SO4	mg/L	56		042309	10	ASTMD5160
Tot Dissolved Solids	mg/L	490		042009	10	SM2540C

cc:

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REMARKS:

DIRECTOR

rn = 7760 NYSDOH ID # 10320

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LAB NO.291446.06 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09
TIME COL'D:1307
MATRIX:Water SAMPLE: MW-109 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.01		042009	0.01	EPA200.7
Antimony as Sb	mg/L	< 0.005		042009	0.005	EPA200.7
Arsenic as As	mg/L	< 0.005		042009	0.005	EPA200.7
Barium as Ba	mg/L	0.09		042009	0.005	EPA200.7
Beryllium as Be	mg/L	< 0.001		042009	0.001	EPA200.7
Cadmium as Cd	mg/L	< 0.005		042009	0.005	EPA200.7
Calcium as Ca	mg/L	120		042009	0.2	EPA200.7
Chromium as Cr	mg/L	< 0.005		042009	0.005	EPA200.7
Cobalt as Co	mg/L	< 0.005		042009	0.005	EPA200.7
Copper as Cu	mg/L	< 0.01		042009	0.01	EPA200.7
Iron as Fe	mg/L	0.06		042009	0.01	EPA200.7
Lead as Pb	mg/L	< 0.005		042009	0.005	EPA200.7
Magnesium as Mg	mg/L	16		042009	0.005	EPA200.7
Manganese as Mn	mg/L	< 0.01		042009	0.01	EPA200.7
Mercury as Hg	mg/L	< 0.00025		041709	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		042009	0.01	EPA200.7
Potassium as K	mg/L	6		042009	1	EPA200.7
Selenium as Se	mg/L	0.01		042009	0.01	EPA200.7
Silver as Ag	mg/L	< 0.005		042009	0.005	EPA200.7
Sodium as Na	mg/L	14		042009	1	EPA200.7
Thallium as Tl	mg/L	< 0.005		042009	0.005	EPA200.7
Vanadium as V	mg/L	< 0.005		042009	0.005	EPA200.7
Zinc as Zn	mg/L	0.01		042009	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 7761 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291446.07 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		041609	1	EPA8260
Bromomethane	ug/L	< 1		041609	1	EPA8260
Vinyl Chloride	ug/L	< 1		041609	1	EPA8260
Chloroethane	ug/L	< 1		041609	1	EPA8260
Methylene Chloride	ug/L	< 1		041609	1	EPA8260
Acetone	ug/L	< 10		041609	10	EPA8260
Carbon disulfide	ug/L	< 1		041609	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		041609	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		041609	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		041609	2	EPA8260
Chloroform	ug/L	< 1		041609	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		041609	1	EPA8260
2-Butanone	ug/L	< 10		041609	10	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		041609	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		041609	1	EPA8260
Bromodichloromethane	ug/L	< 1		041609	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		041609	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		041609	1	EPA8260
Trichloroethene	ug/L	< 1		041609	1	EPA8260
Chlorodibromomethane	ug/L	< 1		041609	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		041609	1	EPA8260
Benzene	ug/L	< 1		041609	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		041609	1	EPA8260
Bromoform	ug/L	< 1		041609	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		041609	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7762 NYSDOH ID # 10320

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/15/09 RECEIVED:04/15/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		041609	10	EPA8260
Tetrachloroethene	ug/L	< 1		041609	1	EPA8260
Toluene	ug/L	< 1		041609	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		041609	1	EPA8260
Chlorobenzene	ug/L	< 1		041609	1	EPA8260
Ethyl Benzene	ug/L	< 1		041609	1	EPA8260
Styrene	ug/L	< 1		041609	1	EPA8260
o Xylene	ug/L	< 1		041609	1	EPA8260
m + p Xylene	ug/L	< 2		041609	2	EPA8260
Xylene	ug/L	< 3		041609	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 7763 NYSDOH ID # 10320

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LAB NO.291490.01 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750
MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	< 1		042009	1	EPA8260
Methylene Chloride	ug/L	< 1		042009	1	EPA8260
Acetone	ug/L	< 10		042009	10	EPA8260
Carbon disulfide	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
hloroform	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
-Butanone	ug/L	< 10		042009	10	EPA8260
11 Trichloroethane	ug/L	< 1		042009	1	EPA8260
arbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
romodichloromethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
richloroethene	ug/L	< 1		042009	1	EPA8260
hlorodibromomethane	ug/L	< 1		042009	1	EPA8260
.2 Trichloroethane	ug/L	< 1		042009	1	EPA8260
enzene	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
romoform	ug/L	< 1		042009	1	EPA8260
Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8116 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291490.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750
MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042009	10	EPA8260
Tetrachloroethene	ug/L	< 1		042009	1	EPA8260
Toluene	ug/L	< 1		042009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
Chlorobenzene	ug/L	< 1		042009	1	EPA8260
Ethyl Benzene	ug/L	< 1		042009	1	EPA8260
Styrene	ug/L	< 1		042009	1	EPA8260
o Xylene	ug/L	< 1		042009	1	EPA8260
m + p Xylene	ug/L	< 2		042009	2	EPA8260
Xylene	ug/L	< 3		042009	3	EPA8260

cc:

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REMARKS:

DIRECTOR

rn = 8117 NYSDOH ID # 10320

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750
MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Carbazole	ug/L	< 1		042209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042209	1	EPA8270
Hexachloroethane	ug/L	< 1		042209	1	EPA8270
Nitrobenzene	ug/L	< 1		042209	1	EPA8270
Isophorone	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042209	1	EPA8270
4-Chloroaniline	ug/L	< 1		042209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
2-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042209	1	EPA8270
Acenaphthylene	ug/L	< 1		042209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
3-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Acenaphthene	ug/L	< 1		042209	1	EPA8270
Dibenzofuran	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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LAB NO.291490.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750
MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Fluorene	ug/L	< 1		042209	1	EPA8270
4-Nitroaniline	ug/L	< 1		042209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042209	1	EPA8270
Phenanthrene	ug/L	< 1		042209	1	EPA8270
Anthracene	ug/L	< 1		042209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.6		042209	1	EPA8270
Fluoranthene	ug/L	< 1		042209	1	EPA8270
Pyrene	ug/L	< 1		042209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @No recovery in ms/msd.

DIRECTOR

rn = 8119 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750
MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	12	#	042209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		042209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 0.32 ug/L in method blank.

DIRECTOR

rn = 8120 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT *	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042209	1	EPA8270
2-Chlorophenol	ug/L	< 1		042209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
2-Nitrophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
4-Nitrophenol	ug/L	< 10		042209	10	EPA8270
4-Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		042209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8121 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291490.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor	ug/L	< 0.05		042309	0.05	EPA608
Aldrin	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDE	ug/L	< 0.05		042309	0.05	EPA608
Dieldrin	ug/L	< 0.05		042309	0.05	EPA608
Endrin	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDT	ug/L	< 0.1		042309	0.1	EPA608
Chlordane	ug/L	< 0.2		042309	0.2	EPA608
Toxaphene	ug/L	< 1		042309	1	EPA608
Endrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
α BHC	ug/L	< 0.05		042309	0.05	EPA608
β BHC	ug/L	< 0.05		042309	0.05	EPA608
γ BHC	ug/L	< 0.05		042309	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		042309	0.1	EPA608

cc:

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REMARKS:

DIRECTOR

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LAB NO.291490.01 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750
MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
Methoxychlor	ug/L	< 0.1		042309	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		042409	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.04		042409	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		042409	0.01	EPA200.7
Arsenic as As	mg/L	0.03		042409	0.01	EPA200.7
Barium as Ba	mg/L	0.092		042409	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		042409	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		042409	0.01	EPA200.7
Calcium as Ca	mg/L	280		042409	4	EPA200.7
Chromium as Cr	mg/L	0.011		042409	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		042409	0.01	EPA200.7
Copper as Cu	mg/L	0.03		042409	0.02	EPA200.7
Iron as Fe	mg/L	0.65		042409	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		042409	0.01	EPA200.7
Magnesium as Mg	mg/L	850		042409	0.1	EPA200.7
Manganese as Mn	mg/L	0.04		042409	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.00025		042109	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.02		042409	0.02	EPA200.7
Potassium as K	mg/L	450		042409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042409	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		042409	0.01	EPA200.7
Sodium as Na	mg/L	7800		042409	200	EPA200.7
Thallium as Tl	mg/L	< 0.01		042409	0.01	EPA200.7
Vanadium as V	mg/L	0.01		042409	0.01	EPA200.7
Zinc as Zn	mg/L	0.19		042409	0.02	EPA200.7

cc:

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REMARKS:

DIRECTOR

rn = 8124 NYSDOH ID # 10320

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LAB NO.291490.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750
MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042109	0.02	EPA335.4
Ammonia as N	mg/L	24		042209	0.2	4500NH3C
Chloride as Cl	mg/L	16000		042209	1000	SM204500C1
Nitrate as N	mg/L	1.5		042109	0.5	EPA353.2
Sulfate as SO4	mg/L	1800		042309	250	ASTMD51602
Tot Dissolved Solids	mg/L	25000		042709	100	SM2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8125 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

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LAB NO.291490.02 05/04/09

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100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0750
MATRIX:Water SAMPLE: MW-106 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.02		022409	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		022409	0.01	EPA200.7
Arsenic as As	mg/L	0.03		022409	0.01	EPA200.7
Barium as Ba	mg/L	0.087		022409	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		022409	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		022409	0.01	EPA200.7
Calcium as Ca	mg/L	280		022409	4	EPA200.7
Chromium as Cr	mg/L	0.01		022409	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		022409	0.01	EPA200.7
Copper as Cu	mg/L	< 0.02		022409	0.02	EPA200.7
Iron as Fe	mg/L	0.48		022409	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		022409	0.01	EPA200.7
Magnesium as Mg	mg/L	830		022409	0.1	EPA200.7
Manganese as Mn	mg/L	0.05		022409	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.00025		042109	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.01		022409	0.02	EPA200.7
Potassium as K	mg/L	440		022409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042409	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		022409	0.01	EPA200.7
Sodium as Na	mg/L	7600		022409	200	EPA200.7
Thallium as Tl	mg/L	< 0.01		022409	0.01	EPA200.7
Vanadium as V	mg/L	< 0.01		022409	0.01	EPA200.7
Zinc as Zn	mg/L	0.05		022409	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 8126 NYSDOH ID # 10320 Page 1 of 1

Analytical results relate to the samples as received by the laboratory.

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	< 1		042009	1	EPA8260
Methylene Chloride	ug/L	< 1		042009	1	EPA8260
Acetone	ug/L	< 10		042009	10	EPA8260
Carbon disulfide	ug/L	< 1		042009	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
Chloroform	ug/L	< 1		042009	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
2-Butanone	ug/L	< 10		042009	10	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		042009	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
Bromodichloromethane	ug/L	< 1		042009	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Trichloroethene	ug/L	< 1		042009	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042009	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		042009	1	EPA8260
Benzene	ug/L	< 1		042009	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Bromoform	ug/L	< 1		042009	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8127 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291490.03 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042009	10	EPA8260
Tetrachloroethene	ug/L	< 1		042009	1	EPA8260
Toluene	ug/L	< 1		042009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
Chlorobenzene	ug/L	< 1		042009	1	EPA8260
Ethyl Benzene	ug/L	< 1		042009	1	EPA8260
Styrene	ug/L	< 1		042009	1	EPA8260
o Xylene	ug/L	< 1		042009	1	EPA8260
m + p Xylene	ug/L	< 2		042009	2	EPA8260
Xylene	ug/L	< 3		042009	3	EPA8260

cc:

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REMARKS:

DIRECTOR

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TIME COL'D:0920

MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Carbazole	ug/L	< 1		042209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		042209	1	EPA8270
Hexachloroethane	ug/L	< 1		042209	1	EPA8270
Nitrobenzene	ug/L	< 1		042209	1	EPA8270
Isophorone	ug/L	< 1		042209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
1,2,4-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		042209	1	EPA8270
4-Chloroaniline	ug/L	< 1		042209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		042209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
2-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		042209	1	EPA8270
Acenaphthylene	ug/L	< 1		042209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
3-Nitroaniline	ug/L	< 1		042209	1	EPA8270
Acenaphthene	ug/L	< 1		042209	1	EPA8270
Dibenzofuran	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8129 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291490.03 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		042209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Fluorene	ug/L	< 1		042209	1	EPA8270
4-Nitroaniline	ug/L	< 1		042209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		042209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		042209	1	EPA8270
Phenanthrene	ug/L	< 1		042209	1	EPA8270
Anthracene	ug/L	< 1		042209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.5		042209	1	EPA8270
Fluoranthene	ug/L	< 1		042209	1	EPA8270
Pyrene	ug/L	< 1		042209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @No recovery in ms/msd.

DIRECTOR

rn = 8130 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		042209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	9.6	#	042209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		042209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		042209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

cc:

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REMARKS: #Detected 0.32 ug/L in method blank.

DIRECTOR

rn = 8131 NYSDOH ID # 10320

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MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		042209	1	EPA8270
2-Chlorophenol	ug/L	< 1		042209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
2-Nitrophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
4-Nitrophenol	ug/L	< 10		042209	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		042209	10	EPA8270

cc:

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REMARKS:

DIRECTOR

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor	ug/L	< 0.05		042309	0.05	EPA608
Aldrin	ug/L	< 0.05		042309	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDE	ug/L	< 0.05		042309	0.05	EPA608
Dieldrin	ug/L	< 0.05		042309	0.05	EPA608
Endrin	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
o,p-DDT	ug/L	< 0.1		042309	0.1	EPA608
Chlordane	ug/L	< 0.2		042309	0.2	EPA608
Toxaphene	ug/L	< 1		042309	1	EPA608
Endrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		042309	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8133 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

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377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291490.03 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
Methoxychlor	ug/L	< 0.1		042309	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		042409	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		042409	0.065	EPA608

cc:

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REMARKS:

DIRECTOR

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.02		042409	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		042409	0.01	EPA200.7
Arsenic as As	mg/L	0.032		042409	0.01	EPA200.7
Barium as Ba	mg/L	0.073		042409	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		042409	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		042409	0.01	EPA200.7
Calcium as Ca	mg/L	350		042409	4	EPA200.7
Chromium as Cr	mg/L	< 0.01		042409	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		042409	0.01	EPA200.7
Copper as Cu	mg/L	< 0.02		042409	0.02	EPA200.7
Iron as Fe	mg/L	1.9		042409	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		042409	0.01	EPA200.7
Magnesium as Mg	mg/L	920		042409	0.1	EPA200.7
Manganese as Mn	mg/L	0.34		042409	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.00025		042109	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.02		042409	0.02	EPA200.7
Potassium as K	mg/L	430		042409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042409	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		042409	0.01	EPA200.7
Sodium as Na	mg/L	8000		042409	200	EPA200.7
Thallium as Tl	mg/L	< 0.01		042409	0.01	EPA200.7
Vanadium as V	mg/L	< 0.01		042409	0.01	EPA200.7
Zinc as Zn	mg/L	0.06		042409	0.02	EPA200.7

cc:

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REMARKS:

DIRECTOR

rn = 8135 NYSDOH ID # 10320

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LAB NO.291490.03 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0920
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		042109	0.02	EPA335.4
Ammonia as N	mg/L	0.2		042209	0.2	4500NH3C
Chloride as Cl	mg/L	19000		042209	1000	SM204500C1
Nitrate as N	mg/L	< 0.5		042109	0.5	EPA353.2
Sulfate as S04	mg/L	1900		042309	250	ASTMD51602
Tot Dissolved Solids	mg/L	27000		042709	100	SM2540C

cc:

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REMARKS:

DIRECTOR

rn = 8136 NYSDOH ID # 10320

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LAB NO.291490.04 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:0920
MATRIX:Water SAMPLE: MW-119 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.02		042409	0.02	EPA200.7
Antimony as Sb	mg/L	< 0.01		042409	0.01	EPA200.7
Arsenic as As	mg/L	0.018		042409	0.01	EPA200.7
Barium as Ba	mg/L	0.069		042409	0.01	EPA200.7
Beryllium as Be	mg/L	< 0.002		042409	0.002	EPA200.7
Cadmium as Cd	mg/L	< 0.01		042409	0.01	EPA200.7
Calcium as Ca	mg/L	340		042409	4	EPA200.7
Chromium as Cr	mg/L	< 0.01		042409	0.01	EPA200.7
Cobalt as Co	mg/L	< 0.01		042409	0.01	EPA200.7
Copper as Cu	mg/L	< 0.02		042409	0.02	EPA200.7
Iron as Fe	mg/L	0.67		042409	0.02	EPA200.7
Lead as Pb	mg/L	< 0.01		042409	0.01	EPA200.7
Magnesium as Mg	mg/L	890		042409	0.1	EPA200.7
Manganese as Mn	mg/L	0.32		042409	0.02	EPA200.7
Mercury as Hg	mg/L	< 0.00025		042109	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.02		042409	0.02	EPA200.7
Potassium as K	mg/L	440		042409	200	EPA200.7
Selenium as Se	mg/L	< 0.02		042409	0.02	EPA200.7
Silver as Ag	mg/L	< 0.01		042409	0.01	EPA200.7
Sodium as Na	mg/L	8000		042409	2000	EPA200.7
Thallium as Tl	mg/L	< 0.01		042409	0.01	EPA200.7
Vanadium as V	mg/L	< 0.01		042409	0.01	EPA200.7
Zinc as Zn	mg/L	0.05		042409	0.02	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 8137 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	< 1		042009	1	EPA8260
Methylene Chloride	ug/L	< 1		042009	1	EPA8260
Acetone	ug/L	< 10		042009	10	EPA8260
Carbon disulfide	ug/L	< 1		042009	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
Chloroform	ug/L	< 1		042009	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
2-Butanone	ug/L	< 10		042009	10	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		042009	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
Bromodichloromethane	ug/L	< 1		042009	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Trichloroethene	ug/L	< 1		042009	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042009	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		042009	1	EPA8260
Benzene	ug/L	< 1		042009	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Bromoform	ug/L	< 1		042009	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8138 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770
Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291490.05 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		042009	10	EPA8260
Tetrachloroethene	ug/L	< 1		042009	1	EPA8260
Toluene	ug/L	< 1		042009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
Chlorobenzene	ug/L	< 1		042009	1	EPA8260
Ethyl Benzene	ug/L	< 1		042009	1	EPA8260
Styrene	ug/L	< 1		042009	1	EPA8260
o Xylene	ug/L	< 1		042009	1	EPA8260
m + p Xylene	ug/L	< 2		042009	2	EPA8260
Xylene	ug/L	< 3		042009	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8139 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0840

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24195 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0840

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR_____

rn = 24196 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0840

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Carbazole	ug/L	< 1		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		101609	1	EPA8270
Hexachloroethane	ug/L	< 1		101609	1	EPA8270
Nitrobenzene	ug/L	< 1		101609	1	EPA8270
Isophorone	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		101609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		101609	1	EPA8270
4-Chloroaniline	ug/L	< 1		101609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		101609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		101609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		101609	1	EPA8270
2-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		101609	1	EPA8270
Acenaphthylene	ug/L	< 1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
3-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Acenaphthene	ug/L	< 1		101609	1	EPA8270
Dibenzofuran	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0840

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Fluorene	ug/L	< 1		101609	1	EPA8270
4-Nitroaniline	ug/L	< 1		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		101609	1	EPA8270
Phenanthrene	ug/L	< 1		101609	1	EPA8270
Anthracene	ug/L	< 1		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	2.3	@	101609	1	EPA8270
Fluoranthene	ug/L	< 1		101609	1	EPA8270
Pyrene	ug/L	< 1		101609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		101609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
@Detected 0.88ug/L in method blank.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0840

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	3.0	#	101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
#Detected 1.53ug/L in method blank.

DIRECTOR _____

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO.294286.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0840

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		101609	1	EPA8270
2-Chlorophenol	ug/L	< 1		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		101609	1	EPA8270
2-Nitrophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		101609	10	EPA8270
4-Nitrophenol	ug/L	< 10		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0840

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor	ug/L	< 0.05		101709	0.05	EPA608
Aldrin	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDE	ug/L	< 0.05		101709	0.05	EPA608
Dieldrin	ug/L	< 0.05		101709	0.05	EPA608
Endrin	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDD	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDT	ug/L	< 0.1		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	< 0.05		101709	0.05	EPA608
b BHC	ug/L	< 0.05		101709	0.05	EPA608
d BHC	ug/L	< 0.05		101709	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		101709	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24201 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0840

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		101709	0.3	EPA608
Methoxychlor	ug/L	< 0.1		101709	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		101609	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24202 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO.294286.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0840

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.053		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	320		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	6.7		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 25		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	940		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.27		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		101309	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	440		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7300		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR_____

rn = 24203 NYSDOH ID # 10320

Results apply to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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LAB NO.294286.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0840

MATRIX:Water SAMPLE: MW-110

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		101309	0.02	EPA335.4
Ammonia as N	mg/L	5.4		101409	0.2	4500NH3C
Chloride as Cl	mg/L	15000		101209	1000	204500C1B
Nitrate as N	mg/L	0.5		101309	0.5	EPA353.2
Sulfate as SO4	mg/L	1900		101509	500	ASD51602
Tot Dissolved Solids	mg/L	27000		102009	100	2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24204 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.02 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0840
MATRIX:Water SAMPLE: MW-110 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.03		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.052		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	310		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	6.6		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	940		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.27		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		101309	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	470		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7500		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 24205 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0935

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24206 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0935

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0935

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Carbazole	ug/L	< 1		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		101609	1	EPA8270
Hexachloroethane	ug/L	< 1		101609	1	EPA8270
Nitrobenzene	ug/L	< 1		101609	1	EPA8270
Isophorone	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		101609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		101609	1	EPA8270
4-Chloroaniline	ug/L	< 1		101609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		101609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		101609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		101609	1	EPA8270
2-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		101609	1	EPA8270
Acenaphthylene	ug/L	< 1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
3-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Acenaphthene	ug/L	< 1		101609	1	EPA8270
Dibenzofuran	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.

DIRECTOR_____

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294286.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0935

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Fluorene	ug/L	< 1		101609	1	EPA8270
4-Nitroaniline	ug/L	< 1		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		101609	1	EPA8270
Phenanthrene	ug/L	< 1		101609	1	EPA8270
Anthracene	ug/L	< 1		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	2.2	@	101609	1	EPA8270
Fluoranthene	ug/L	< 1		101609	1	EPA8270
Pyrene	ug/L	< 1		101609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		101609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.
@Detected 0.88ug/L in method blank.

DIRECTOR

rn = 24209 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294286.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0935

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	3.3	#	101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.
#Detected 1.53ug/L in method blank.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294286.03 10/28/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0935

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		101609	1	EPA8270
2-Chlorophenol	ug/L	< 1		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		101609	1	EPA8270
2-Nitrophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		101609	10	EPA8270
4-Nitrophenol	ug/L	< 10		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294286.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0935

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor	ug/L	< 0.05		101709	0.05	EPA608
Aldrin	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDE	ug/L	< 0.05		101709	0.05	EPA608
Dieldrin	ug/L	< 0.05		101709	0.05	EPA608
Endrin	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDD	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDT	ug/L	< 0.1		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	< 0.05		101709	0.05	EPA608
b BHC	ug/L	< 0.05		101709	0.05	EPA608
d BHC	ug/L	< 0.05		101709	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		101709	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24212 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0935

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		101709	0.3	EPA608
Methoxychlor	ug/L	< 0.1		101709	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		101609	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24213 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294286.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0935

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.12		101509	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.085		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	120		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	3.1		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	18		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.33		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		101309	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	6.9		101509	5	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	38		101509	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24214 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294286.04 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0935
MATRIX:Water SAMPLE: MW-109 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.085		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	120		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	2.8		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	17		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.4		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		101309	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	5.9		101509	5	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	20		101509	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 24216 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24217 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Carbazole	ug/L	< 1		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		101609	1	EPA8270
Hexachloroethane	ug/L	< 1		101609	1	EPA8270
Nitrobenzene	ug/L	< 1		101609	1	EPA8270
Isophorone	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		101609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		101609	1	EPA8270
4-Chloroaniline	ug/L	< 1		101609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		101609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		101609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		101609	1	EPA8270
2-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		101609	1	EPA8270
Acenaphthylene	ug/L	< 1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
3-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Acenaphthene	ug/L	< 1		101609	1	EPA8270
Dibenzofuran	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Fluorene	ug/L	< 1		101609	1	EPA8270
4-Nitroaniline	ug/L	< 1		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		101609	1	EPA8270
Phenanthrene	ug/L	< 1		101609	1	EPA8270
Anthracene	ug/L	< 1		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		101609	1	EPA8270
Fluoranthene	ug/L	< 1		101609	1	EPA8270
Pyrene	ug/L	< 1		101609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		101609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.

DIRECTOR

rn = 24220 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294286.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.1	#	101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
#Detected 1.53ug/L in method blank.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		101609	1	EPA8270
2-Chlorophenol	ug/L	< 1		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		101609	1	EPA8270
2-Nitrophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		101609	10	EPA8270
4-Nitrophenol	ug/L	< 10		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor	ug/L	< 0.05		101709	0.05	EPA608
Aldrin	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDE	ug/L	< 0.05		101709	0.05	EPA608
Dieldrin	ug/L	< 0.05		101709	0.05	EPA608
Endrin	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDD	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDT	ug/L	< 0.1		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	< 0.05		101709	0.05	EPA608
b BHC	ug/L	< 0.05		101709	0.05	EPA608
d BHC	ug/L	< 0.05		101709	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		101709	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24223 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. ENVIRONMENTAL TESTING
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LAB NO.294286.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:1030
MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		101709	0.3	EPA608
Methoxychlor	ug/L	< 0.1		101709	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		101609	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		101609	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24224 NYSDOH ID # 10320

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LAB NO.294286.05 10/28/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	2.6		101509	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.12		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	160		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	4.0		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	22		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.4		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		101309	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	25		101509	5	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	34		101509	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24225 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294286.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:1030

MATRIX:Water SAMPLE: MW-114

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		101309	0.02	EPA335.4
Ammonia as N	mg/L	4.8		101409	0.2	4500NH3C
Chloride as Cl	mg/L	28		101209	2	204500C1B
Nitrate as N	mg/L	0.9		101309	0.5	EPA353.2
Sulfate as SO4	mg/L	40		101509	10	ASD51602
Tot Dissolved Solids	mg/L	670		101509	10	2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24226 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294286.06 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:1030
MATRIX:Water SAMPLE: MW-114 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.1		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	170		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	1.6		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	23		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.41		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		101309	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	27		101509	5	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	36		101509	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR_____

rn = 24227 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/09/09 RECEIVED:10/09/09
TIME COL'D:0935

MATRIX:Water SAMPLE: MW-109

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		101309	0.02	EPA335.4
Ammonia as N	mg/L	0.4		101409	0.2	4500NH3C
Chloride as Cl	mg/L	91		101209	2	204500C1B
Nitrate as N	mg/L	< 0.5		101309	0.5	EPA353.2
Sulfate as SO4	mg/L	160		101509	50	ASD51602
Tot Dissolved Solids	mg/L	690		101509	10	2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24215 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.07 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/09 RECEIVED:10/09/09
TIME COL'D:1510

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24228 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294286.07 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/24/09 RECEIVED:10/09/09
TIME COL'D:1510
MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24229 NYSDOH ID # 10320

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING
377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

294286

Client: Severn Trent Services
Address: 100 Marcus Ave unit #3
Glen Cove N.Y. 11542
Phone: 516 674 6032 FAX: 516-674-0157
Person receiving report: Ross Hibler
Sampled by: Ross Hibler & John Matthews
Source: Pelham Bay Landfill Groundwater
Job No.: 317

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	Vials - HCl	Amber - Nitric	Amber - BN	Amber - Acid	Plastic - No Preservative	Plastic - H2SO4	Plastic - NaOH	Metals - HNO3	Metals - HNO3 Filter	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
W	9/9	0940	MW-110	13	3	3	1	1	1	1	1	1	1			Cat B QA/QC
W	9/9	0955	MW-109	13	3	3	1	1	1	1	1	1	1			" "
W	9/9	1020	MW-114	13	3	3	1	1	1	1	1	1	1			" "
W	9/9	1510	TRIP BLANK	2	2											" "
																PLEASE PROVIDE EDD in Access's chosen Format EQUIS 5
																temp = 4.2°C

Relinquished by: (Signature) Representing:	DATE/TIME 9/9 15:24	SEAL INTACT? YES NO NA	Received by: (Signature) Representing: EcoTest	Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:
Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:	Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING
377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

294286

Client: Suffern Treat Services
Address: Womans Ave unit #3
Chester, N.Y. 11542
Phone: 516-674-6032 FAX: 516-674-0157
Person receiving report: Ross Hibler
Sampled by: Ross Hibler & John Manness
Source: Pedrum Bay Landfill Groundwater
Job No.: 1317

Matrix (Soil, Water, etc.)	DATE COLLECTED	TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	Vocs - HCL	Amber - BNA	Amber - BN	Amber - AE	Plastic - No Preservative	Plastic - H2SO4	Plastic - HNO3	Metals - HNO3	Metals - HNO3 Filter	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
W	9/9	0940	MW-110	13	3	3	1	1	1	1	1	1	1			Cat B QA/QC
W	9/9	0855	MW-109	13	3	3	1	1	1	1	1	1	1			" "
W	9/9	1020	MW-114	13	3	3	1	1	1	1	1	1	1			" "
W	9/9	1530	TRIP BLANK	2	2											" "
																PLEASE PROVIDE EDD in ACCADIS Chosen Format EQUIS 5
																temp = 4.2°C

Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:	Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:
	9/9 13:24		Eco Test				
Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:	Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294296.01 10/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1144

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 5		101309	5	EPA8260
Bromomethane	ug/L	< 5		101309	5	EPA8260
Vinyl Chloride	ug/L	< 5		101309	5	EPA8260
Chloroethane	ug/L	< 5		101309	5	EPA8260
Methylene Chloride	ug/L	< 5		101309	5	EPA8260
Acetone	ug/L	< 50		101309	50	EPA8260
Carbon disulfide	ug/L	< 5		101309	5	EPA8260
1,1 Dichloroethene	ug/L	< 5		101309	5	EPA8260
1,1 Dichloroethane	ug/L	< 5		101309	5	EPA8260
1,2 Dichloroethene	ug/L	< 10		101309	10	EPA8260
Chloroform	ug/L	< 5		101309	5	EPA8260
1,2 Dichloroethane	ug/L	< 5		101309	5	EPA8260
2-Butanone	ug/L	< 50		101309	50	EPA8260
111 Trichloroethane	ug/L	< 5		101309	5	EPA8260
Carbon Tetrachloride	ug/L	< 5		101309	5	EPA8260
Bromodichloromethane	ug/L	< 5		101309	5	EPA8260
1,2 Dichloropropane	ug/L	< 5		101309	5	EPA8260
c-1,3Dichloropropene	ug/L	< 5		101309	5	EPA8260
Trichloroethene	ug/L	< 5		101309	5	EPA8260
Chlorodibromomethane	ug/L	< 5		101309	5	EPA8260
112 Trichloroethane	ug/L	< 5		101309	5	EPA8260
Benzene	ug/L	7		101309	5	EPA8260
t-1,3Dichloropropene	ug/L	< 5		101309	5	EPA8260
Bromoform	ug/L	< 5		101309	5	EPA8260
4-Methyl-2-Pentanone	ug/L	< 50		101309	50	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24365 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294296.01 10/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1144

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 50		101309	50	EPA8260
Tetrachloroethene	ug/L	< 5		101309	5	EPA8260
Toluene	ug/L	< 5		101309	5	EPA8260
1122Tetrachloroethane	ug/L	< 5		101309	5	EPA8260
Chlorobenzene	ug/L	23		101309	5	EPA8260
Ethyl Benzene	ug/L	< 5		101309	5	EPA8260
Styrene	ug/L	< 5		101309	5	EPA8260
o Xylene	ug/L	< 5		101309	5	EPA8260
m + p Xylene	ug/L	< 10		101309	10	EPA8260
Xylene	ug/L	< 15		101309	15	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24366 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294296.01 10/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1144

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Carbazole	ug/L	< 1		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		101609	1	EPA8270
Hexachloroethane	ug/L	< 1		101609	1	EPA8270
Nitrobenzene	ug/L	< 1		101609	1	EPA8270
Isophorone	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		101609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		101609	1	EPA8270
4-Chloroaniline	ug/L	< 1		101609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		101609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		101609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		101609	1	EPA8270
2-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		101609	1	EPA8270
Acenaphthylene	ug/L	< 1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
3-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Acenaphthene	ug/L	< 1		101609	1	EPA8270
Dibenzofuran	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.

DIRECTOR

rn = 24367 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294296.01 10/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1144

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Fluorene	ug/L	< 1		101609	1	EPA8270
4-Nitroaniline	ug/L	< 1		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		101609	1	EPA8270
Phenanthrene	ug/L	< 1		101609	1	EPA8270
Anthracene	ug/L	< 1		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		101609	1	EPA8270
Fluoranthene	ug/L	< 1		101609	1	EPA8270
Pyrene	ug/L	< 1	@	101609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1	@	101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10	$	101609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1	@	101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.

@,$Estimated due to low internal standard, @42% & 15%. QC limit is 50%.

DIRECTOR

rn = 24368 NYSDOH ID # 10320

the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294296.01 10/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1144
MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1	@	101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	3.4	#@	101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1	$	101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1	$	101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1	$	101609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1	$	101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1	$	101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1	$	101609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1	$	101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
#Detected 1.53ug/L in method blank.
@,$Estimated due to low internal standard, @42% & 15%. QC limit is 50%.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294296.01 10/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1144

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		101609	1	EPA8270
2-Chlorophenol	ug/L	< 1		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		101609	1	EPA8270
2-Nitrophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		101609	10	EPA8270
4-Nitrophenol	ug/L	< 10		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294296.01 10/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1144

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor	ug/L	< 0.05		101709	0.05	EPA608
Aldrin	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDE	ug/L	< 0.05		101709	0.05	EPA608
Dieldrin	ug/L	< 0.05		101709	0.05	EPA608
Endrin	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDD	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDT	ug/L	< 0.1		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	< 0.05		101709	0.05	EPA608
b BHC	ug/L	< 0.05		101709	0.05	EPA608
d BHC	ug/L	< 0.05		101709	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		101709	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24371 NYSDOH ID # 10320

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TIME COL'D:1144

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		101709	0.3	EPA608
Methoxychlor	ug/L	< 0.1		101709	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1221	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1232	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1242	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1248	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1254	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1260	ug/L	< 0.065	*	101709	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: *Surrogate %recovery for sample was below QC limit (15% vs 21%).

DIRECTOR

rn = 24372 NYSDOH ID # 10320

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1144

MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		101509	0.025	EPA200.7
Arsenic as As	mg/L	0.028		101509	0.025	EPA200.7
Barium as Ba	mg/L	2.0		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	61		101509	1	EPA200.7
Chromium as Cr	mg/L	0.08		101509	0.025	EPA200.7
Cobalt as Co	mg/L	0.072		101509	0.025	EPA200.7
Copper as Cu	mg/L	0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	13		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	280		101509	0.025	EPA200.7
Manganese as Mn	mg/L	< 0.01		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		101509	0.001	EPA245.2
Nickel as Ni	mg/L	0.92		101509	0.05	EPA200.7
Potassium as K	mg/L	290		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	2800		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	0.036		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24373 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294296.01 10/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1144
MATRIX:Water SAMPLE: MW-122

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		101309	0.02	EPA335.4
Ammonia as N	mg/L	250		101409	0.8	4500NH3C
Chloride as Cl	mg/L	2900		101309	100	SM204500C1B
Nitrate as N	mg/L	< 0.5		101309	0.5	EPA353.2
Sulfate as SO4	mg/L	< 25		101509	25	ASD51602
Tot Dissolved Solids	mg/L	930		101509	100	2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24374 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294296.02 10/29/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1144

MATRIX:Water SAMPLE: MW-122 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		101509	0.025	EPA200.7
Arsenic as As	mg/L	0.031		101509	0.025	EPA200.7
Barium as Ba	mg/L	2.1		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	53		101509	1	EPA200.7
Chromium as Cr	mg/L	0.078		101509	0.025	EPA200.7
Cobalt as Co	mg/L	0.073		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	12		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	290		101509	0.025	EPA200.7
Manganese as Mn	mg/L	< 0.05		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		101509	0.001	EPA245.2
Nickel as Ni	mg/L	0.94		101509	0.05	EPA200.7
Potassium as K	mg/L	340		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	3100		101509	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	0.036		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 24375 NYSDOH ID # 10320

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING
377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

294296

Client:	Severn Trent Services
Address:	100 Mains Ave
	Glen Cove, N.Y. 11542
Phone:	516-674-6032 FAX: 516-674-0151
Person receiving report:	Ross Hiller
Sampled by:	
Source:	Pelham Bay Landfill Groundwater
Job No.:	1317

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TYPE & NUMBER OF CONTAINERS: VOA's - HCl Preservative	Amber - Pest	Amber - BN	Amber - AE	Plastic - No Preservative	Plastic - H2SO4	Plastic - CN - NaOH	Metal - No Preservative	Metal - Filter - No Preservative	VOA - HCl	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS - TESTS REQUIRED
W			MW-122	16	3	3	1	1	1	1	1	1	1	3			CAT B Deliverable 2 sets of VOA Samples 1 set No Preservative 1 set with HCl
W																	
																	Please provide Electronic Deliverable in EQUIS 5 Format -
																	TEMP = 3.8 °C

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:	10/2 1:25 pm	YES NO NA	Representing: 10/2/09	Representing:		YES NO NA	Representing:
Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:		YES NO NA	Representing:	Representing:		YES NO NA	Representing:

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:0918

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24378 NYSDOH ID # 10320

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LAB NO.294297.01 10/28/09

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Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:0918

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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rn = 24379 NYSDOH ID # 10320

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TIME COL'D:0918

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Carbazole	ug/L	< 1		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		101609	1	EPA8270
Hexachloroethane	ug/L	< 1		101609	1	EPA8270
Nitrobenzene	ug/L	< 1		101609	1	EPA8270
Isophorone	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		101609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		101609	1	EPA8270
4-Chloroaniline	ug/L	< 1		101609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		101609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		101609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		101609	1	EPA8270
2-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		101609	1	EPA8270
Acenaphthylene	ug/L	< 1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
3-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Acenaphthene	ug/L	< 1		101609	1	EPA8270
Dibenzofuran	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:0918

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Fluorene	ug/L	< 1		101609	1	EPA8270
4-Nitroaniline	ug/L	< 1		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		101609	1	EPA8270
Phenanthrene	ug/L	< 1		101609	1	EPA8270
Anthracene	ug/L	< 1		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.7	@	101609	1	EPA8270
Fluoranthene	ug/L	< 1		101609	1	EPA8270
Pyrene	ug/L	< 1		101609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		101609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
@Detected 0.88ug/L in method blank.

DIRECTOR

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:0918

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	2.5	#	101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
#Detected 1.53ug/L in method blank.

DIRECTOR

rn = 24382 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:0918

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		101609	1	EPA8270
2-Chlorophenol	ug/L	< 1		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		101609	1	EPA8270
2-Nitrophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		101609	10	EPA8270
4-Nitrophenol	ug/L	< 10		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24383 NYSDOH ID # 10320

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:0918

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor	ug/L	< 0.05		101709	0.05	EPA608
Aldrin	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDE	ug/L	< 0.05		101709	0.05	EPA608
Dieldrin	ug/L	< 0.05		101709	0.05	EPA608
Endrin	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDD	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDT	ug/L	< 0.1		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	< 0.05		101709	0.05	EPA608
b BHC	ug/L	< 0.05		101709	0.05	EPA608
d BHC	ug/L	< 0.05		101709	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		101709	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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LAB NO.294297.01 10/28/09

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ATTN: Ross Hibler PO#:1317

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:0918

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		101709	0.3	EPA608
Methoxychlor	ug/L	< 0.1		101709	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		101709	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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Analytical results relate to the samples as received by the laboratory

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:0918

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.036		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.083		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	290		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	0.13		101509	0.05	EPA200.7
Iron as Fe	mg/L	0.81		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	890		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.22		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		102009	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	460		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7300		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	0.25		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24386 NYSDOH ID # 10320

Analytical results apply to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:0918

MATRIX:Water SAMPLE: MW-106

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		101309	0.02	EPA335.4
Ammonia as N	mg/L	8.2		101409	0.2	4500NH3C
Chloride as Cl	mg/L	16000		101309	1000	SM204500C1B
Nitrate as N	mg/L	1.6		101309	0.5	EPA353.2
Sulfate as SO4	mg/L	1500		101509	250	ASD51602
Tot Dissolved Solids	mg/L	26000		102009	100	2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24387 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.02 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:0918
MATRIX:Water SAMPLE: MW-106 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.085		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	300		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	0.07		101509	0.05	EPA200.7
Iron as Fe	mg/L	0.6		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	920		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.23		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		102009	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	470		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7500		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	0.22		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 24388 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1130

MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24389 NYSDOH ID # 10320

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LAB NO.294297.03 10/28/09

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Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1130
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24390 NYSDOH ID # 10320

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COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1130
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Carbazole	ug/L	< 1		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		101609	1	EPA8270
Hexachloroethane	ug/L	< 1		101609	1	EPA8270
Nitrobenzene	ug/L	< 1		101609	1	EPA8270
Isophorone	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		101609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		101609	1	EPA8270
4-Chloroaniline	ug/L	< 1		101609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		101609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		101609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		101609	1	EPA8270
2-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		101609	1	EPA8270
Acenaphthylene	ug/L	< 1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
3-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Acenaphthene	ug/L	< 1		101609	1	EPA8270
Dibenzofuran	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.

DIRECTOR

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TIME COL'D:1130
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Fluorene	ug/L	< 1		101609	1	EPA8270
4-Nitroaniline	ug/L	< 1		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		101609	1	EPA8270
Phenanthrene	ug/L	< 1		101609	1	EPA8270
Anthracene	ug/L	< 1		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.1	@	101609	1	EPA8270
Fluoranthene	ug/L	< 1		101609	1	EPA8270
Pyrene	ug/L	< 1		101609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		101609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
@Detected 0.88ug/L in method blank.

DIRECTOR

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1130

MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.7	#	101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
#Detected 1.53ug/L in method blank.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1130

MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		101609	1	EPA8270
2-Chlorophenol	ug/L	< 1		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		101609	1	EPA8270
2-Nitrophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		101609	10	EPA8270
4-Nitrophenol	ug/L	< 10		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24394 NYSDOH ID # 10320

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1130
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor	ug/L	< 0.05		101709	0.05	EPA608
Aldrin	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDE	ug/L	< 0.05		101709	0.05	EPA608
Dieldrin	ug/L	< 0.05		101709	0.05	EPA608
Endrin	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDD	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDT	ug/L	< 0.1		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	< 0.05		101709	0.05	EPA608
b BHC	ug/L	< 0.05		101709	0.05	EPA608
d BHC	ug/L	< 0.05		101709	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		101709	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24395 NYSDOH ID # 10320

Analytical results indicated relate only to the samples as received by the laboratory

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1130
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		101709	0.3	EPA608
Methoxychlor	ug/L	< 0.1		101709	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		101709	0.065	EPA608

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REMARKS:

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TIME COL'D:1130
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.092		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	110		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	9.1		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	27		101509	0.025	EPA200.7
Manganese as Mn	mg/L	1.4		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		102009	0.001	EPA245.2
Nickel as Ni	mg/L	0.06		101509	0.05	EPA200.7
Potassium as K	mg/L	53		101509	5	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	190		101509	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24397 NYSDOH ID # 10320

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LAB NO.294297.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1130
MATRIX:Water SAMPLE: MW-113

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		101309	0.02	EPA335.4
Ammonia as N	mg/L	30		101409	0.2	4500NH3C
Chloride as Cl	mg/L	170		101309	20	SM204500C1B
Nitrate as N	mg/L	< 0.5		101309	0.5	EPA353.2
Sulfate as SO4	mg/L	75		101509	25	ASD51602
Tot Dissolved Solids	mg/L	1000		101509	10	2540C

cc:

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REMARKS:

DIRECTOR

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LAB NO.294297.04 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1130
MATRIX:Water SAMPLE: MW-113 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.094		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	110		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	7.6		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	27		101509	0.025	EPA200.7
Manganese as Mn	mg/L	1.5		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		102009	0.001	EPA245.2
Nickel as Ni	mg/L	0.06		101509	0.05	EPA200.7
Potassium as K	mg/L	53		101509	5	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	180		101509	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR _____

rn = 24399 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1228

MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24400 NYSDOH ID # 10320

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LAB NO.294297.05 10/28/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1228

MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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TIME COL'D:1228

MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Carbazole	ug/L	< 1		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		101609	1	EPA8270
Hexachloroethane	ug/L	< 1		101609	1	EPA8270
Nitrobenzene	ug/L	< 1		101609	1	EPA8270
Isophorone	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		101609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		101609	1	EPA8270
4-Chloroaniline	ug/L	< 1		101609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		101609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		101609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		101609	1	EPA8270
2-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		101609	1	EPA8270
Acenaphthylene	ug/L	< 1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
3-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Acenaphthene	ug/L	< 1		101609	1	EPA8270
Dibenzofuran	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.

DIRECTOR

rn = 24402 NYSDOH ID # 10320

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TIME COL'D:1228

MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Fluorene	ug/L	< 1		101609	1	EPA8270
4-Nitroaniline	ug/L	< 1		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		101609	1	EPA8270
Phenanthrene	ug/L	< 1		101609	1	EPA8270
Anthracene	ug/L	< 1		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.1	@	101609	1	EPA8270
Fluoranthene	ug/L	< 1		101609	1	EPA8270
Pyrene	ug/L	< 1		101609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		101609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.
@Detected 0.88ug/L in method blank.

DIRECTOR

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1228

MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.9	#	101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.
#Detected 1.53ug/L in method blank.

DIRECTOR

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1228
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		101609	1	EPA8270
2-Chlorophenol	ug/L	< 1		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		101609	1	EPA8270
2-Nitrophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		101609	10	EPA8270
4-Nitrophenol	ug/L	< 10		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1228

MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor	ug/L	< 0.05		101709	0.05	EPA608
Aldrin	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDE	ug/L	< 0.05		101709	0.05	EPA608
Dieldrin	ug/L	< 0.05		101709	0.05	EPA608
Endrin	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDD	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDT	ug/L	< 0.1		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	< 0.05		101709	0.05	EPA608
b BHC	ug/L	< 0.05		101709	0.05	EPA608
d BHC	ug/L	< 0.05		101709	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		101709	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24406 NYSDOH ID # 10320

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1228
MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		101709	0.3	EPA608
Methoxychlor	ug/L	< 0.1		101709	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		101709	0.065	EPA608

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LRL=Laboratory Reporting Limit

REMARKS:

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rn = 24407 NYSDOH ID # 10320

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1228

MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.027		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.071		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	340		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	3.1		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	900		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.52		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		102009	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	460		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7200		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	0.08		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24408 NYSDOH ID # 10320

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LAB NO.294297.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1228

MATRIX:Water SAMPLE: MW-119

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		101309	0.02	EPA335.4
Ammonia as N	mg/L	0.6		101409	0.2	4500NH3C
Chloride as Cl	mg/L	15000		101309	1000	SM204500C1B
Nitrate as N	mg/L	< 0.5		101309	0.5	EPA353.2
Sulfate as SO4	mg/L	1500		101509	250	ASD51602
Tot Dissolved Solids	mg/L	26000		101509	100	2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24409 NYSDOH ID # 10320

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LAB NO.294297.06 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1228
MATRIX:Water SAMPLE: MW-119 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.033		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.072		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	350		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	2.9		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	900		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.5		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		102009	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	470		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7400		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	0.06		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 24410 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294297.07 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1248

MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24411 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

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LAB NO.294297.07 10/28/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1248
MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL-Laboratory Reporting Limit

REMARKS:

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TIME COL'D:1248
MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Carbazole	ug/L	< 1		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		101609	1	EPA8270
Hexachloroethane	ug/L	< 1		101609	1	EPA8270
Nitrobenzene	ug/L	< 1		101609	1	EPA8270
Isophorone	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		101609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		101609	1	EPA8270
4-Chloroaniline	ug/L	< 1		101609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		101609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		101609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		101609	1	EPA8270
2-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		101609	1	EPA8270
Acenaphthylene	ug/L	< 1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
3-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Acenaphthene	ug/L	< 1		101609	1	EPA8270
Dibenzofuran	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.

DIRECTOR_____

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TIME COL'D:1248
MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Fluorene	ug/L	< 1		101609	1	EPA8270
4-Nitroaniline	ug/L	< 1		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		101609	1	EPA8270
Phenanthrene	ug/L	< 1		101609	1	EPA8270
Anthracene	ug/L	< 1		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		101609	1	EPA8270
Fluoranthene	ug/L	< 1		101609	1	EPA8270
Pyrene	ug/L	< 1		101609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		101609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.

DIRECTOR

rn = 24414 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1248
MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	1.6	#	101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.
#Detected 1.53ug/L in method blank.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.07 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1248

MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		101609	1	EPA8270
2-Chlorophenol	ug/L	< 1		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		101609	1	EPA8270
2-Nitrophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		101609	10	EPA8270
4-Nitrophenol	ug/L	< 10		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1248

MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor	ug/L	< 0.05		101709	0.05	EPA608
Aldrin	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDE	ug/L	< 0.05		101709	0.05	EPA608
Dieldrin	ug/L	< 0.05		101709	0.05	EPA608
Endrin	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDD	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDT	ug/L	< 0.1		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	< 0.05		101709	0.05	EPA608
b BHC	ug/L	< 0.05		101709	0.05	EPA608
d BHC	ug/L	< 0.05		101709	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		101709	0.1	EPA608

cc:

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REMARKS:

DIRECTOR

rn = 24417 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294297.07 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1248
MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		101709	0.3	EPA608
Methoxychlor	ug/L	< 0.1		101709	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		101709	0.065	EPA608

cc:

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REMARKS:

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LAB NO.294297.07 10/28/09

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Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1248

MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0 0.028		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.1		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	300		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	0.37		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	950		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.06		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		102009	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	460		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7500		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24419 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.07 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1248

MATRIX:Water SAMPLE: MW-104

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		101309	0.02	EPA335.4
Ammonia as N	mg/L	3.4		101409	0.2	4500NH3C
Chloride as Cl	mg/L	15000		101309	1000	SM204500C1B
Nitrate as N	mg/L	< 0.5		101309	0.5	EPA353.2
Sulfate as SO4	mg/L	1600		101509	250	ASD51602
Tot Dissolved Solids	mg/L	27000		101509	100	2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24420 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.08 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/12/09 RECEIVED:10/12/09
TIME COL'D:1248
MATRIX:Water SAMPLE: MW-104 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.033		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.11		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	290		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	0.09		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	940		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.06		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		102009	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	450		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7400		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 24421 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294297.09 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/02/09 RECEIVED:10/12/09
TIME COL'D:0915

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24422 NYSDOH ID # 10320

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LAB NO.294297.09 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/02/09 RECEIVED:10/12/09
TIME COL'D:0915
MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24423 NYSDOH ID # 10320

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING
377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

294297.

Client: Severn Trent Services
Address: 100 Morris Ave
Glenoore, N.Y. 11542
Phone: 516-674-6032 FAX: 516-674-0151
Person receiving report: Ross Hibler
Sampled by:
Source: Pelham Bay Landfill Groundwater
Job No.:

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TYPE & NUMBER OF CONTAINERS: Voas - HCL	Amber - HCL	Amber - NP	Amber - BN	Amber - AB	Metals - Hnds Plastic	Metals - Filter Plastic	Plastic - No Preservative	Plastic - Nitric	Plastic - NaOH - CN	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
W	11/12	915	MW-106	13	3	3	1	1	1	1	1	1	1				CAT B Deliverables
W	11/12	1130	MW-113	13	3	3	1	1	1	1	1	1	1				Please provide ELECTRONIC
W	11/12	1225	MW-119	13	3	3	1	1	1	1	1	1	1				Deliverable in ARCADIS
W	11/12	1248	MW-104	13	3	3	1	1	1	1	1	1	1				Chosen format of
W	11/12	905	TRIP BLANK	2	2												EQUIS 5
																	TEMP = 3.8

Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:	Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:
[signature]	11/12 1425		[signature] / Trip				
Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:	Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:

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(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

294297.

Client: Seven Hart Services
Address: 100 Morris Ave
Glencove, N.Y 11542
Phone: 516-674-6032 FAX: 516-674-0151
Person receiving report: Hass Hibler
Sampled by:
Source: Pelham Bay Landfill Groundwater
Job No.:

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	Voas - HCL	Amber - HCL	Amber - NP	Amber - BN	Amber - AE	Metals - HNO3 Plastic	Metals - Filter Plastic	Plastic No Preservative	Plastic Hexane	Plastic NaOH - CN	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS TESTS REQUIRED
W	11/12	915	MW-106	13	3	3	1	1	1	1	1	1	1	1			COC B Deliverables
W	11/12	1130	MW-113	13	3	3	1	1	1	1	1	1	1	1			
W	11/12	1225	MW-119	13	3	3	1	1	1	1	1	1	1	1			Please provide a electronic
W	11/12	1248	MW-104	13	3	3	1	1	1	1	1	1	1	1			Deliverable in ASCADIS
W	11/12	915	TRIP BLANK	2	2												Chosen format of
																	EDDs
																	TEMP = 3.8 C

Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:	Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:
[signature] /	11/12 1430		[signature] / ECO TEST	/			/
Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:	Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:
/			/	/			/

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LAB NO.294320.07 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24557 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294320.07 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358

MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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TIME COL'D:1358

MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Carbazole	ug/L	< 1		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		101609	1	EPA8270
Hexachloroethane	ug/L	< 1		101609	1	EPA8270
Nitrobenzene	ug/L	< 1		101609	1	EPA8270
Isophorone	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		101609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		101609	1	EPA8270
4-Chloroaniline	ug/L	< 1		101609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		101609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		101609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		101609	1	EPA8270
2-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		101609	1	EPA8270
Acenaphthylene	ug/L	< 1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
3-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Acenaphthene	ug/L	< 1		101609	1	EPA8270
Dibenzofuran	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.07 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Fluorene	ug/L	< 1		101609	1	EPA8270
4-Nitroaniline	ug/L	< 1		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		101609	1	EPA8270
Phenanthrene	ug/L	< 1		101609	1	EPA8270
Anthracene	ug/L	< 1		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	2.7	@	101609	1	EPA8270
Fluoranthene	ug/L	< 1		101609	1	EPA8270
Pyrene	ug/L	< 1		101609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		101609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
@Detected 0.88ug/L in method blank.

DIRECTOR_____

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SOURCE OF SAMPLE:
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TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	3.9	#	101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
#Detected 1.53ug/L in method blank.

DIRECTOR

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358

MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		101609	1	EPA8270
2-Chlorophenol	ug/L	< 1		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		101609	1	EPA8270
2-Nitrophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		101609	10	EPA8270
4-Nitrophenol	ug/L	< 10		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor	ug/L	< 0.05		101709	0.05	EPA608
Aldrin	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDE	ug/L	< 0.05		101709	0.05	EPA608
Dieldrin	ug/L	< 0.05		101709	0.05	EPA608
Endrin	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDD	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDT	ug/L	< 0.1		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	< 0.05		101709	0.05	EPA608
b BHC	ug/L	< 0.05		101709	0.05	EPA608
d BHC	ug/L	< 0.05		101709	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		101709	0.1	EPA608

cc:

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REMARKS:

DIRECTOR

rn = 24563 NYSDOH ID # 10320

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358

MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		101709	0.3	EPA608
Methoxychlor	ug/L	< 0.1		101709	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		101709	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.037		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.2		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	320		101509	1	EPA200.7
Chromium as Cr	mg/L	0.026		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	0.25		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	870		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.32		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		101509	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	460		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7300		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24565 NYSDOH ID # 10320

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LAB NO.294320.07 10/28/09

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		102009	0.02	EPA335.4
Ammonia as N	mg/L	44		101609	0.2	4500NH3C
Chloride as Cl	mg/L	14000		101509	1000	SM204500C1B
Nitrate as N	mg/L	< 0.5		101609	0.5	EPA353.2
Sulfate as SO4	mg/L	1800		102009	250	AS D51602
Tot Dissolved Solids	mg/L	25000		101509	100	2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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LAB NO.294320.08 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.034		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.2		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	320		101509	1	EPA200.7
Chromium as Cr	mg/L	0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	0.19		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	870		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.31		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		101509	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	450		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7200		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 24567 NYSDOH ID # 10320

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TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR_____

rn = 24568 NYSDOH ID # 10320

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24569 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294320.09 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Carbazole	ug/L	< 1		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		101609	1	EPA8270
Hexachloroethane	ug/L	< 1		101609	1	EPA8270
Nitrobenzene	ug/L	< 1		101609	1	EPA8270
Isophorone	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		101609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		101609	1	EPA8270
4-Chloroaniline	ug/L	< 1		101609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		101609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		101609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		101609	1	EPA8270
2-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		101609	1	EPA8270
Acenaphthylene	ug/L	< 1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
3-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Acenaphthene	ug/L	< 1		101609	1	EPA8270
Dibenzofuran	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.09 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Fluorene	ug/L	< 1		101609	1	EPA8270
4-Nitroaniline	ug/L	< 1		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		101609	1	EPA8270
Phenanthrene	ug/L	< 1		101609	1	EPA8270
Anthracene	ug/L	< 1		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	2.5	@	101609	1	EPA8270
Fluoranthene	ug/L	< 1		101609	1	EPA8270
Pyrene	ug/L	< 1		101609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		101609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
@Detected 0.88ug/L in method blank.

DIRECTOR

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	3.5	#	101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits.
#Detected 1.53ug/L in method blank.

DIRECTOR

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		101609	1	EPA8270
2-Chlorophenol	ug/L	< 1		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		101609	1	EPA8270
2-Nitrophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		101609	10	EPA8270
4-Nitrophenol	ug/L	< 10		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor	ug/L	< 0.05		101709	0.05	EPA608
Aldrin	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDE	ug/L	< 0.05		101709	0.05	EPA608
Dieldrin	ug/L	< 0.05		101709	0.05	EPA608
Endrin	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDD	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDT	ug/L	< 0.1		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	< 0.05		101709	0.05	EPA608
b BHC	ug/L	< 0.05		101709	0.05	EPA608
d BHC	ug/L	< 0.05		101709	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		101709	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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LAB NO.294320.09 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		101709	0.3	EPA608
Methoxychlor	ug/L	< 0.1		101709	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1221	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1232	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1242	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1248	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1254	ug/L	< 0.065	*	101709	0.065	EPA608
Aroclor 1260	ug/L	< 0.065	*	101709	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS: *Surrogate %recovery for sample was above QC limit (169% versus 143%).

DIRECTOR

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.04		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.2		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	320		101509	1	EPA200.7
Chromium as Cr	mg/L	0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	0.23		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	860		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.31		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		101509	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	490		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7600		101509	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR_____

rn = 24576 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.09 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DUP

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		102009	0.02	EPA335.4
Ammonia as N	mg/L	44		101609	0.2	4500NH3C
Chloride as Cl	mg/L	14000		101509	1000	SM204500C1B
Nitrate as N	mg/L	< 0.5		101609	0.5	EPA353.2
Sulfate as SO4	mg/L	1800		102009	250	AS D51602
Tot Dissolved Solids	mg/L	24000		101509	100	2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24577 NYSDOH ID # 10320

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LAB NO.294320.10 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1358
MATRIX:Water SAMPLE: MW-120B DUP DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.037		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.2		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	320		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	0.2		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	870		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.31		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		101509	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	460		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	7200		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 24578 NYSDOH ID # 10320

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LAB NO.294320.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1114

MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24524 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.01 10/28/09

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Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1114
MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294320.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1114
MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Carbazole	ug/L	< 1		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		101609	1	EPA8270
Hexachloroethane	ug/L	< 1		101609	1	EPA8270
Nitrobenzene	ug/L	< 1		101609	1	EPA8270
Isophorone	ug/L	< 1		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		101609	1	EPA8270
Naphthalene(sv)	ug/L	< 1		101609	1	EPA8270
4-Chloroaniline	ug/L	< 1		101609	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		101609	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		101609	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		101609	1	EPA8270
2-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		101609	1	EPA8270
Acenaphthylene	ug/L	< 1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
3-Nitroaniline	ug/L	< 1		101609	1	EPA8270
Acenaphthene	ug/L	< 1		101609	1	EPA8270
Dibenzofuran	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1114

MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		101609	1	EPA8270
Diethyl Phthalate	ug/L	< 1		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Fluorene	ug/L	< 1		101609	1	EPA8270
4-Nitroaniline	ug/L	< 1		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		101609	1	EPA8270
Hexachlorobenzene	ug/L	< 1		101609	1	EPA8270
Phenanthrene	ug/L	< 1		101609	1	EPA8270
Anthracene	ug/L	< 1		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	1.6	@	101609	1	EPA8270
Fluoranthene	ug/L	< 1		101609	1	EPA8270
Pyrene	ug/L	< 1		101609	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		101609	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.
@Detected 0.88ug/L in method blank.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1114

MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	3.4	#	101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		101609	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.
#Detected 1.53ug/L in method blank.

DIRECTOR

rn = 24528 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.01 10/28/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1114

MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		101609	1	EPA8270
2-Chlorophenol	ug/L	< 1		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		101609	1	EPA8270
2-Nitrophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		101609	10	EPA8270
4-Nitrophenol	ug/L	< 10		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1114

MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor	ug/L	< 0.05		101709	0.05	EPA608
Aldrin	ug/L	< 0.05		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDE	ug/L	< 0.05		101709	0.05	EPA608
Dieldrin	ug/L	< 0.05		101709	0.05	EPA608
Endrin	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDD	ug/L	< 0.05		101709	0.05	EPA608
p,p-DDT	ug/L	< 0.1		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	< 0.05		101709	0.05	EPA608
b BHC	ug/L	< 0.05		101709	0.05	EPA608
d BHC	ug/L	< 0.05		101709	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		101709	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24530 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1114

MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		101709	0.3	EPA608
Methoxychlor	ug/L	< 0.1		101709	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		101709	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1114

MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.038		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.095		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	590		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	1.9		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	670		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.94		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		101509	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	210		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	6800		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24532 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.01 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1114

MATRIX:Water SAMPLE: MW-120

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		102009	0.02	EPA335.4
Ammonia as N	mg/L	2.4		101609	0.2	4500NH3C
Chloride as Cl	mg/L	14000		101509	1000	SM204500C1B
Nitrate as N	mg/L	< 0.5		101609	0.5	EPA353.2
Sulfate as SO4	mg/L	700		102009	250	AS D51602
Tot Dissolved Solids	mg/L	23000		101509	100	2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24533 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.02 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1114
MATRIX:Water SAMPLE: MW-120 DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	< 0.05		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.034		101509	0.025	EPA200.7
Arsenic as As	mg/L	< 0.025		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.094		101509	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		101509	0.025	EPA200.7
Calcium as Ca	mg/L	580		101509	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		101509	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		101509	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		101509	0.05	EPA200.7
Iron as Fe	mg/L	1.8		101509	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	660		101509	0.025	EPA200.7
Manganese as Mn	mg/L	0.92		101509	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.001		101509	0.001	EPA245.2
Nickel as Ni	mg/L	< 0.05		101509	0.05	EPA200.7
Potassium as K	mg/L	200		101509	100	EPA200.7
Selenium as Se	mg/L	< 0.05		101509	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		101509	0.025	EPA200.7
Sodium as Na	mg/L	6700		101509	100	EPA200.7
Thallium as Tl	mg/L	< 0.025		101509	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		101509	0.025	EPA200.7
Zinc as Zn	mg/L	< 0.05		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

DIRECTOR

rn = 24534 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145

MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	23		101509	1	EPA8260
Bromomethane	ug/L	18		101509	1	EPA8260
Vinyl Chloride	ug/L	26		101509	1	EPA8260
Chloroethane	ug/L	21		101509	1	EPA8260
Methylene Chloride	ug/L	20		101509	1	EPA8260
Acetone	ug/L	86		101509	10	EPA8260
Carbon disulfide	ug/L	21		101509	1	EPA8260
1,1 Dichloroethene	ug/L	21		101509	1	EPA8260
1,1 Dichloroethane	ug/L	20		101509	1	EPA8260
1,2 Dichloroethene	ug/L	40		101509	2	EPA8260
Chloroform	ug/L	19		101509	1	EPA8260
1,2 Dichloroethane	ug/L	18		101509	1	EPA8260
2-Butanone	ug/L	100		101509	10	EPA8260
111 Trichloroethane	ug/L	20		101509	1	EPA8260
Carbon Tetrachloride	ug/L	19		101509	1	EPA8260
Bromodichloromethane	ug/L	19		101509	1	EPA8260
1,2 Dichloropropane	ug/L	20		101509	1	EPA8260
c-1,3Dichloropropene	ug/L	18		101509	1	EPA8260
Trichloroethene	ug/L	22		101509	1	EPA8260
Chlorodibromomethane	ug/L	17		101509	1	EPA8260
112 Trichloroethane	ug/L	18		101509	1	EPA8260
Benzene	ug/L	20		101509	1	EPA8260
t-1,3Dichloropropene	ug/L	19		101509	1	EPA8260
Bromoform	ug/L	15		101509	1	EPA8260
4-Methyl-2-Pentanone	ug/L	100		101509	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	99		101509	10	EPA8260
Tetrachloroethene	ug/L	20		101509	1	EPA8260
Toluene	ug/L	21		101509	1	EPA8260
1122Tetrachloroethane	ug/L	18		101509	1	EPA8260
Chlorobenzene	ug/L	20		101509	1	EPA8260
Ethyl Benzene	ug/L	20		101509	1	EPA8260
Styrene	ug/L	20		101509	1	EPA8260
o Xylene	ug/L	20		101509	1	EPA8260
m + p Xylene	ug/L	40		101509	2	EPA8260
Xylene	ug/L	60		101509	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294320.03 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	5.0		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	4.3		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	4.2		101609	1	EPA8270
Carbazole	ug/L	4.9		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	4.2		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	5.0		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	6.2		101609	1	EPA8270
Hexachloroethane	ug/L	4.0		101609	1	EPA8270
Nitrobenzene	ug/L	4.0		101609	1	EPA8270
Isophorone	ug/L	4.9		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	5.1		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	3.9		101609	1	EPA8270
Naphthalene(sv)	ug/L	4.4		101609	1	EPA8270
4-Chloroaniline	ug/L	4.5		101609	1	EPA8270
Hexachlorobutadiene	ug/L	3.8		101609	1	EPA8270
2-Methylnaphthalene	ug/L	5.1		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	2.1		101609	10	EPA8270
2-Chloronaphthalene	ug/L	4.4		101609	1	EPA8270
2-Nitroaniline	ug/L	5.4		101609	1	EPA8270
Dimethyl Phthalate	ug/L	5.4		101609	1	EPA8270
Acenaphthylene	ug/L	5.1		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	4.6		101609	1	EPA8270
3-Nitroaniline	ug/L	5.4		101609	1	EPA8270
Acenaphthene	ug/L	4.8		101609	1	EPA8270
Dibenzofuran	ug/L	5.2		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.

RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

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LAB NO.294320.03 10/28/09

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	4.7		101609	1	EPA8270
Diethyl Phthalate	ug/L	5.4		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	5.1		101609	1	EPA8270
Fluorene	ug/L	5.2		101609	1	EPA8270
4-Nitroaniline	ug/L	6.7		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	6.5		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	5.1		101609	1	EPA8270
Hexachlorobenzene	ug/L	5.0		101609	1	EPA8270
Phenanthrene	ug/L	5.0		101609	1	EPA8270
Anthracene	ug/L	5.2		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	6.6		101609	1	EPA8270
Fluoranthene	ug/L	4.9		101609	1	EPA8270
Pyrene	ug/L	5.2		101609	1	EPA8270
BenzylButylPhthalate	ug/L	5.8		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	0		101609	10	EPA8270
Benzo(a)anthracene	ug/L	5.1		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.

RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

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SOURCE OF SAMPLE:
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TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	5.1		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	11		101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	6.6		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	5.4		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	5.2		101609	1	EPA8270
Benzo(a)pyrene	ug/L	5.9		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	3.7		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	3.4		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	3.5		101609	1	EPA8270

cc:

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REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.

RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

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SOURCE OF SAMPLE:
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TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	14		101609	1	EPA8270
2-Chlorophenol	ug/L	33		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	36		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	32		101609	1	EPA8270
2-Nitrophenol	ug/L	32		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	44		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	37		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	38		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	41		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	42		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	46		101609	10	EPA8270
4-Nitrophenol	ug/L	13		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	51		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	54		101609	10	EPA8270

cc:

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	0.88		101609	0.05	EPA608
Heptachlor	ug/L	0.84		101609	0.05	EPA608
Aldrin	ug/L	0.79		101609	0.05	EPA608
Heptachlor Epoxide	ug/L	0.93		101609	0.05	EPA608
p,p-DDE	ug/L	0.85		101609	0.05	EPA608
Dieldrin	ug/L	0.95		101609	0.05	EPA608
Endrin	ug/L	1.0		101609	0.05	EPA608
p,p-DDD	ug/L	0.91		101609	0.05	EPA608
p,p-DDT	ug/L	0.92		101609	0.1	EPA608
Chlordane	ug/L	< 0.2		101609	0.2	EPA608
Toxaphene	ug/L	< 1		101609	1	EPA608
Endrin Ketone	ug/L	< 0.1		101609	0.1	EPA608
a BHC	ug/L	0.85		101609	0.05	EPA608
b BHC	ug/L	0.83		101609	0.05	EPA608
d BHC	ug/L	0.83		101609	0.05	EPA608
Endosulfan 1	ug/L	0.95		101609	0.1	EPA608

cc:

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	1.0		101609	0.1	EPA608
Endosulfan Sulfate	ug/L	0.99		101609	0.3	EPA608
Methoxychlor	ug/L	1.1		101609	0.1	EPA608
Endrin Aldehyde	ug/L	0.93		101609	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1260	ug/L	0.16		101709	0.065	EPA608

cc:

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100 Morris Avenue
Glen Cove, NY 11542

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	24		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.25		101509	0.025	EPA200.7
Arsenic as As	mg/L	0.44		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.45		101509	0.025	EPA200.7
Beryllium as Be	mg/L	0.42		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	0.4		101509	0.025	EPA200.7
Calcium as Ca	mg/L	610		101509	1	EPA200.7
Chromium as Cr	mg/L	0.41		101509	0.025	EPA200.7
Cobalt as Co	mg/L	0.4		101509	0.025	EPA200.7
Copper as Cu	mg/L	0.53		101509	0.05	EPA200.7
Iron as Fe	mg/L	24		101509	0.05	EPA200.7
Lead as Pb	mg/L	0.37		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	690		101509	0.025	EPA200.7
Manganese as Mn	mg/L	1.4		101509	0.05	EPA200.7
Mercury as Hg	mg/L	0.0033		101509	0.001	EPA245.2
Nickel as Ni	mg/L	0.44		101509	0.05	EPA200.7
Potassium as K	mg/L	210		101509	100	EPA200.7
Selenium as Se	mg/L	0.43		101509	0.05	EPA200.7
Silver as Ag	mg/L	0.09		101509	0.025	EPA200.7
Sodium as Na	mg/L	6800		101509	100	EPA200.7
Thallium as Tl	mg/L	0.36		101509	0.025	EPA200.7
Vanadium as V	mg/L	0.41		101509	0.025	EPA200.7
Zinc as Zn	mg/L	0.46		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

rn = 24543 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.03 10/28/09

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SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MS

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	0.19		102009	0.02	EPA335.4
Ammonia as N	mg/L	12		101609	0.2	4500NH3C
Chloride as Cl	mg/L	37000		101509	1000	SM204500C1B
Nitrate as N	mg/L	1.7		101609	0.5	EPA353.2
Sulfate as SO4	mg/L	20000		102009	250	AS D51602

cc:

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DIRECTOR

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LAB NO.294320.04 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MS DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	24		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.25		101509	0.025	EPA200.7
Arsenic as As	mg/L	0.45		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.45		101509	0.025	EPA200.7
Beryllium as Be	mg/L	0.43		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	0.41		101509	0.025	EPA200.7
Calcium as Ca	mg/L	600		101509	1	EPA200.7
Chromium as Cr	mg/L	0.41		101509	0.025	EPA200.7
Cobalt as Co	mg/L	0.41		101509	0.025	EPA200.7
Copper as Cu	mg/L	0.53		101509	0.05	EPA200.7
Iron as Fe	mg/L	24		101509	0.05	EPA200.7
Lead as Pb	mg/L	0.38		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	690		101509	0.025	EPA200.7
Manganese as Mn	mg/L	1.3		101509	0.05	EPA200.7
Mercury as Hg	mg/L	0.0033		101509	0.001	EPA245.2
Nickel as Ni	mg/L	0.46		101509	0.05	EPA200.7
Potassium as K	mg/L	200		101509	100	EPA200.7
Selenium as Se	mg/L	0.44		101509	0.05	EPA200.7
Silver as Ag	mg/L	0.09		101509	0.025	EPA200.7
Sodium as Na	mg/L	6700		101509	100	EPA200.7
Thallium as Tl	mg/L	0.36		101509	0.025	EPA200.7
Vanadium as V	mg/L	0.41		101509	0.025	EPA200.7
Zinc as Zn	mg/L	0.46		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

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DIRECTOR

rn = 24545 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

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LAB NO.294320.05 10/28/09

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	24		101509	1	EPA8260
Bromomethane	ug/L	19		101509	1	EPA8260
Vinyl Chloride	ug/L	26		101509	1	EPA8260
Chloroethane	ug/L	21		101509	1	EPA8260
Methylene Chloride	ug/L	20		101509	1	EPA8260
Acetone	ug/L	82		101509	10	EPA8260
Carbon disulfide	ug/L	20		101509	1	EPA8260
1,1 Dichloroethene	ug/L	18		101509	1	EPA8260
1,1 Dichloroethane	ug/L	21		101509	1	EPA8260
1,2 Dichloroethene	ug/L	40		101509	2	EPA8260
Chloroform	ug/L	19		101509	1	EPA8260
1,2 Dichloroethane	ug/L	18		101509	1	EPA8260
2-Butanone	ug/L	99		101509	10	EPA8260
111 Trichloroethane	ug/L	19		101509	1	EPA8260
Carbon Tetrachloride	ug/L	18		101509	1	EPA8260
Bromodichloromethane	ug/L	19		101509	1	EPA8260
1,2 Dichloropropane	ug/L	20		101509	1	EPA8260
c-1,3Dichloropropene	ug/L	19		101509	1	EPA8260
Trichloroethene	ug/L	22		101509	1	EPA8260
Chlorodibromomethane	ug/L	17		101509	1	EPA8260
112 Trichloroethane	ug/L	18		101509	1	EPA8260
Benzene	ug/L	21		101509	1	EPA8260
t-1,3Dichloropropene	ug/L	19		101509	1	EPA8260
Bromoform	ug/L	15		101509	1	EPA8260
4-Methyl-2-Pentanone	ug/L	100		101509	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294320.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	100		101509	10	EPA8260
Tetrachloroethene	ug/L	20		101509	1	EPA8260
Toluene	ug/L	20		101509	1	EPA8260
1122Tetrachloroethane	ug/L	17		101509	1	EPA8260
Chlorobenzene	ug/L	20		101509	1	EPA8260
Ethyl Benzene	ug/L	20		101509	1	EPA8260
Styrene	ug/L	20		101509	1	EPA8260
o Xylene	ug/L	19		101509	1	EPA8260
m + p Xylene	ug/L	39		101509	2	EPA8260
Xylene	ug/L	58		101509	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145

MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	11		101609	1	EPA8270
1,3 Dichlorobenzene(sv)	ug/L	9.3		101609	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	8.8		101609	1	EPA8270
Carbazole	ug/L	10		101609	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	9.0		101609	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	12		101609	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	13		101609	1	EPA8270
Hexachloroethane	ug/L	8.4		101609	1	EPA8270
Nitrobenzene	ug/L	9.6		101609	1	EPA8270
Isophorone	ug/L	12		101609	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	12		101609	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	8.1		101609	1	EPA8270
Naphthalene(sv)	ug/L	9.1		101609	1	EPA8270
4-Chloroaniline	ug/L	12		101609	1	EPA8270
Hexachlorobutadiene	ug/L	7.7		101609	1	EPA8270
2-Methylnaphthalene	ug/L	10		101609	1	EPA8270
Hexachlorocyclopentadiene	ug/L	5.8		101609	10	EPA8270
2-Chloronaphthalene	ug/L	8.9		101609	1	EPA8270
2-Nitroaniline	ug/L	12		101609	1	EPA8270
Dimethyl Phthalate	ug/L	12		101609	1	EPA8270
Acenaphthylene	ug/L	10		101609	1	EPA8270
2,6-Dinitrotoluene	ug/L	11		101609	1	EPA8270
3-Nitroaniline	ug/L	12		101609	1	EPA8270
Acenaphthene	ug/L	9.6		101609	1	EPA8270
Dibenzofuran	ug/L	11		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.

RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294320.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	11		101609	1	EPA8270
Diethyl Phthalate	ug/L	11		101609	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	10		101609	1	EPA8270
Fluorene	ug/L	10		101609	1	EPA8270
4-Nitroaniline	ug/L	13		101609	1	EPA8270
N-Nitrosodiphenylamine	ug/L	11		101609	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	9.7		101609	1	EPA8270
Hexachlorobenzene	ug/L	9		101609	1	EPA8270
Phenanthrene	ug/L	9.6		101609	1	EPA8270
Anthracene	ug/L	9.8		101609	1	EPA8270
Di-n-Butyl Phthalate	ug/L	12		101609	1	EPA8270
Fluoranthene	ug/L	9.3		101609	1	EPA8270
Pyrene	ug/L	9.8		101609	1	EPA8270
BenzylButylPhthalate	ug/L	11		101609	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	0		101609	10	EPA8270
Benzo(a)anthracene	ug/L	9.5		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.

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DIRECTOR

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LAB NO.294320.05 10/28/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	9.4		101609	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	12		101609	1	EPA8270
Di-n-octyl Phthalate	ug/L	13		101609	1	EPA8270
Benzo(b)fluoranthene	ug/L	10		101609	1	EPA8270
Benzo(k)fluoranthene	ug/L	10		101609	1	EPA8270
Benzo(a)pyrene	ug/L	11		101609	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	7.3		101609	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	6.8		101609	1	EPA8270
Benzo(ghi)perylene	ug/L	6.6		101609	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: Most bn compounds in ms/msd below QC limits. BN compounds in LCS within limits. BN surrogates below QC limits.

RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

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LAB NO.294320.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	12		101609	1	EPA8270
2-Chlorophenol	ug/L	30		101609	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	32		101609	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	28		101609	1	EPA8270
2-Nitrophenol	ug/L	30		101609	1	EPA8270
2,4-Dimethylphenol	ug/L	42		101609	1	EPA8270
2,4-Dichlorophenol	ug/L	34		101609	1	EPA8270
4-Chloro-3-methylphenol	ug/L	36		101609	1	EPA8270
2,4,6-Trichlorophenol	ug/L	39		101609	1	EPA8270
2,4,5-Trichlorophenol	ug/L	40		101609	1	EPA8270
2,4-Dinitrophenol	ug/L	47		101609	10	EPA8270
4-Nitrophenol	ug/L	11		101609	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	48		101609	10	EPA8270
Pentachlorophenol (ms)	ug/L	51		101609	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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DIRECTOR

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LAB NO.294320.05 10/28/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	0.79		101709	0.05	EPA608
Heptachlor	ug/L	0.79		101709	0.05	EPA608
Aldrin	ug/L	0.73		101709	0.05	EPA608
Heptachlor Epoxide	ug/L	0.85		101709	0.05	EPA608
p,p-DDE	ug/L	0.77		101709	0.05	EPA608
Dieldrin	ug/L	0.86		101709	0.05	EPA608
Endrin	ug/L	0.93		101709	0.05	EPA608
p,p-DDD	ug/L	0.85		101709	0.05	EPA608
p,p-DDT	ug/L	0.85		101709	0.1	EPA608
Chlordane	ug/L	< 0.2		101709	0.2	EPA608
Toxaphene	ug/L	< 1		101709	1	EPA608
Endrin Ketone	ug/L	< 0.1		101709	0.1	EPA608
a BHC	ug/L	0.76		101709	0.05	EPA608
b BHC	ug/L	0.73		101709	0.05	EPA608
d BHC	ug/L	0.74		101709	0.05	EPA608
Endosulfan 1	ug/L	0.87		101709	0.1	EPA608

cc:

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DIRECTOR

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LAB NO.294320.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145

MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	0.92		101709	0.1	EPA608
Endosulfan Sulfate	ug/L	0.92		101709	0.3	EPA608
Methoxychlor	ug/L	1.0		101709	0.1	EPA608
Endrin Aldehyde	ug/L	0.86		101709	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		101709	0.065	EPA608
Aroclor 1260	ug/L	0.15		101709	0.065	EPA608

cc:

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DIRECTOR

rn = 24553 NYSDOH ID # 10320

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LAB NO.294320.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145

MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	24		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.26		101509	0.025	EPA200.7
Arsenic as As	mg/L	0.44		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.45		101509	0.025	EPA200.7
Beryllium as Be	mg/L	0.42		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	0.4		101509	0.025	EPA200.7
Calcium as Ca	mg/L	600		101509	1	EPA200.7
Chromium as Cr	mg/L	0.41		101509	0.025	EPA200.7
Cobalt as Co	mg/L	0.4		101509	0.025	EPA200.7
Copper as Cu	mg/L	0.53		101509	0.05	EPA200.7
Iron as Fe	mg/L	24		101509	0.05	EPA200.7
Lead as Pb	mg/L	0.37		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	690		101509	0.025	EPA200.7
Manganese as Mn	mg/L	1.3		101509	0.05	EPA200.7
Mercury as Hg	mg/L	0.0032		101509	0.001	EPA245.2
Nickel as Ni	mg/L	0.44		101509	0.05	EPA200.7
Potassium as K	mg/L	220		101509	100	EPA200.7
Selenium as Se	mg/L	0.45		101509	0.05	EPA200.7
Silver as Ag	mg/L	0.09		101509	0.025	EPA200.7
Sodium as Na	mg/L	7000		101509	100	EPA200.7
Thallium as Tl	mg/L	0.37		101509	0.025	EPA200.7
Vanadium as V	mg/L	0.41		101509	0.025	EPA200.7
Zinc as Zn	mg/L	0.46		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.05 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145

MATRIX:Water SAMPLE: MW-120 MSD

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	0.2		102009	0.02	EPA335.4
Ammonia as N	mg/L	13		101609	0.2	4500NH3C
Chloride as Cl	mg/L	37000		101509	1000	SM204500C1B
Nitrate as N	mg/L	1.7		101609	0.5	EPA353.2
Sulfate as SO4	mg/L	20000		102009	250	AS D51602

cc:

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REMARKS:

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DIRECTOR

rn = 24555 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.294320.06 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/13/09 RECEIVED:10/13/09
TIME COL'D:1145
MATRIX:Water SAMPLE: MW-120 MSD DISSOLVED

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	24		101509	0.05	EPA200.7
Antimony as Sb	mg/L	0.25		101509	0.025	EPA200.7
Arsenic as As	mg/L	0.45		101509	0.025	EPA200.7
Barium as Ba	mg/L	0.45		101509	0.025	EPA200.7
Beryllium as Be	mg/L	0.42		101509	0.005	EPA200.7
Cadmium as Cd	mg/L	0.4		101509	0.025	EPA200.7
Calcium as Ca	mg/L	610		101509	1	EPA200.7
Chromium as Cr	mg/L	0.41		101509	0.025	EPA200.7
Cobalt as Co	mg/L	0.4		101509	0.025	EPA200.7
Copper as Cu	mg/L	0.52		101509	0.05	EPA200.7
Iron as Fe	mg/L	24		101509	0.05	EPA200.7
Lead as Pb	mg/L	0.38		101509	0.025	EPA200.7
Magnesium as Mg	mg/L	690		101509	0.025	EPA200.7
Manganese as Mn	mg/L	1.3		101509	0.05	EPA200.7
Mercury as Hg	mg/L	0.0032		101509	0.001	EPA245.2
Nickel as Ni	mg/L	0.43		101509	0.05	EPA200.7
Potassium as K	mg/L	210		101509	100	EPA200.7
Selenium as Se	mg/L	0.43		101509	0.05	EPA200.7
Silver as Ag	mg/L	0.095		101509	0.025	EPA200.7
Sodium as Na	mg/L	6800		101509	100	EPA200.7
Thallium as Tl	mg/L	0.36		101509	0.025	EPA200.7
Vanadium as V	mg/L	0.41		101509	0.025	EPA200.7
Zinc as Zn	mg/L	0.45		101509	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS: Filtered in the field.

RESULTS REPORTED ON THIS PAGE REPRESENT SAMPLE AFTER SPIKING FOR (MATRIX SPIKE OR MATRIX SPIKE DUPLICATE) AND DO NOT REPRESENT ACTUAL CONCENTRATIONS DETECTED IN SAMPLE.

DIRECTOR

rn = 24556 NYSDOH ID # 10320

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LAB NO.294320.11 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D: RECEIVED:10/13/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		101309	1	EPA8260
Bromomethane	ug/L	< 1		101309	1	EPA8260
Vinyl Chloride	ug/L	< 1		101309	1	EPA8260
Chloroethane	ug/L	< 1		101309	1	EPA8260
Methylene Chloride	ug/L	< 1		101309	1	EPA8260
Acetone	ug/L	< 10		101309	10	EPA8260
Carbon disulfide	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		101309	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		101309	2	EPA8260
Chloroform	ug/L	< 1		101309	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		101309	1	EPA8260
2-Butanone	ug/L	< 10		101309	10	EPA8260
111 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		101309	1	EPA8260
Bromodichloromethane	ug/L	< 1		101309	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		101309	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Trichloroethene	ug/L	< 1		101309	1	EPA8260
Chlorodibromomethane	ug/L	< 1		101309	1	EPA8260
112 Trichloroethane	ug/L	< 1		101309	1	EPA8260
Benzene	ug/L	< 1		101309	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		101309	1	EPA8260
Bromoform	ug/L	< 1		101309	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		101309	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24579 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294320.11 10/28/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Groundwater
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D: RECEIVED:10/13/09

MATRIX:Water SAMPLE: Trip Blank

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		101309	10	EPA8260
Tetrachloroethene	ug/L	< 1		101309	1	EPA8260
Toluene	ug/L	< 1		101309	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		101309	1	EPA8260
Chlorobenzene	ug/L	< 1		101309	1	EPA8260
Ethyl Benzene	ug/L	< 1		101309	1	EPA8260
Styrene	ug/L	< 1		101309	1	EPA8260
o Xylene	ug/L	< 1		101309	1	EPA8260
m + p Xylene	ug/L	< 2		101309	2	EPA8260
Xylene	ug/L	< 3		101309	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 24580 NYSDOH ID # 10320

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING
377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

294320

19

Client: Severn Trent Services
Address: 100 Mains Ave Unit #3
Glencove, N.Y. 11542
Phone: 516-674-6032 FAX: 516-674-0151
Person receiving report: Ross Hibler
Sampled by:
Source: Pelham Bay Landfill Groundwater
Job No.: 1317

MATRIX (Soil, Water etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TYPE & NUMBER OF CONTAINERS: Voa's - HCL	Amber - NP	Amber - BN	Amber - AE	Plastic - Nav Preservative	Plastic - H2SO4	Plastic - CN - NaOH	Metals - HNO3	Metals - HNO3 Filter	Voa's - Non Preserve	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS TESTS REQUIRED
W	10/3	1145	~~MW-10~~ MW-120MS	13	3	3	1	1	1	1	1	1	1				Cat B QaQC
W	10/3	1145	MW-120 MSD	13	3	3	1	1	1	1	1	1	1				
W	10/3	1114	MW 120	13	3	3	1	1	1	1	1	1	1				
W	10/3	1358	MW-120B	13	3	3	1	1	1	1	1	1	1				
W	10/3	1358	MW-120B Dup														
W			Trip Blank	2										2			
																	Temp = 2-8°C

Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:	Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:
	10/3 1340						
Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:	Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING
377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

294320

19

Client: Severn Trent Services
Address: 100 Marcus Ave Unit #3
Glencove, N.Y. 11542
Phone: 516-674-6032 FAX: 516-6740151
Person receiving report: Ross Tiller
Sampled by:
Source: Pelham Bay Landfill Groundwater
Job No.: 1317

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TYPE & NUMBER OF CONTAINERS: Vials - HCL	Amber - HCL	Amber - NST	Amber - BV	Amber - AE	Plastic - NaOH/preservative	Plastic - H2SO4	Plastic - ZN - NaOH	Metals - HNO3	Metals - HNO3 filter	VOAs - Non Preserve	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS TESTS REQUIRED
W	10/13	1145	~~MW-104~~ MW-120MS	13	3	3	1	1	1	1	1	1	1					Cat B QaQC
W	10/13	1145	MW-120 MSD	13	3	3	1	1	1	1	1	1	1					
W	10/13	1124	MW 120	13	3	3	1	1	1	1	1	1	1					
W	10/13	1358	MW-120B	13	3	3	1	1	1	1	1	1	1					
W	10/13	1358	MW-120B Dup	—														
W			Trip Blank	2										2				
																		Temp = 2-8°C

Relinquished by: (Signature) Representing:	DATE/TIME 10/13 1340	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:	Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:
Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:	Relinquished by: (Signature) Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) Representing:

Appendix E

Leachate Sampling Laboratory Reports

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290790.00 03/27/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/04/09 RECEIVED:03/04/09
TIME COL'D:1300
MATRIX:Water SAMPLE: Pelham Bay Landfill-Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
ıloromethane	ug/L	< 1		030509	1	EPA8260
romomethane	ug/L	< 1		030509	1	EPA8260
nyl Chloride	ug/L	< 1		030509	1	EPA8260
ıloroethane	ug/L	< 1		030509	1	EPA8260
thylene Chloride	ug/L	< 1		030509	1	EPA8260
etone	ug/L	< 10		030509	10	EPA8260
rbon disulfide	ug/L	< 1		030509	1	EPA8260
1 Dichloroethene	ug/L	< 1		030509	1	EPA8260
1 Dichloroethane	ug/L	< 1		030509	1	EPA8260
2 Dichloroethene	ug/L	< 2		030509	2	EPA8260
loroform	ug/L	< 1		030509	1	EPA8260
2 Dichloroethane	ug/L	< 1		030509	1	EPA8260
-Butanone	ug/L	< 10		030509	10	EPA8260
1 Trichloroethane	ug/L	< 1		030509	1	EPA8260
rbon Tetrachloride	ug/L	< 1		030509	1	EPA8260
romodichloromethane	ug/L	< 1		030509	1	EPA8260
2 Dichloropropane	ug/L	< 1		030509	1	EPA8260
1,3Dichloropropene	ug/L	< 1		030509	1	EPA8260
ichloroethene	ug/L	< 1		030509	1	EPA8260
lorodibromomethane	ug/L	< 1		030509	1	EPA8260
2 Trichloroethane	ug/L	< 1		030509	1	EPA8260
nzene	ug/L	< 1		030509	1	EPA8260
1,3Dichloropropene	ug/L	< 1		030509	1	EPA8260
omoform	ug/L	< 1		030509	1	EPA8260
Methyl-2-Pentanone	ug/L	< 10		030509	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 3967 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290790.00 03/27/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/04/09 RECEIVED:03/04/09
TIME COL'D:1300
MATRIX:Water SAMPLE: Pelham Bay Landfill-Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
-Hexanone	ug/L	< 10		030509	10	EPA8260
etrachloroethene	ug/L	< 1		030509	1	EPA8260
luene	ug/L	< 1		030509	1	EPA8260
22Tetrachloroethane	ug/L	< 1		030509	1	EPA8260
lorobenzene	ug/L	1		030509	1	EPA8260
hyl Benzene	ug/L	< 1		030509	1	EPA8260
yrene	ug/L	< 1		030509	1	EPA8260
Xylene	ug/L	< 1		030509	1	EPA8260
+ p Xylene	ug/L	< 2		030509	2	EPA8260
lene	ug/L	< 3		030509	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 3968 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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ST, Environmental Services, Incorporated
100 Morris Avenue
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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/04/09 RECEIVED:03/04/09
TIME COL'D:1300
MATRIX:Water SAMPLE: Pelham Bay Landfill-Leachate

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
s(2-chloroethyl)ether	ug/L	< 1		030909	1	EPA8270
3 Dichlorobenzene(sv)	ug/L	< 1		030909	1	EPA8270
4 Dichlorobenzene(sv)	ug/L	< 1		030909	1	EPA8270
rbazole	ug/L	< 1		030909	1	EPA8270
2 Dichlorobenzene(sv)	ug/L	< 1		030909	1	EPA8270
s(2-chloroisopropyl)ether	ug/L	< 1		030909	1	EPA8270
-Nitrosodi-n-propylamine	ug/L	< 1		030909	1	EPA8270
exachloroethane	ug/L	< 1		030909	1	EPA8270
trobenzene	ug/L	< 1		030909	1	EPA8270
sophorone	ug/L	< 1		030909	1	EPA8270
s(2-chloroethoxy)methane	ug/L	< 1		030909	1	EPA8270
24-Trichlorobenzene (sv)	ug/L	< 1		030909	1	EPA8270
phthalene(sv)	ug/L	< 1		030909	1	EPA8270
-Chloroaniline	ug/L	< 1		030909	1	EPA8270
exachlorobutadiene	ug/L	< 1		030909	1	EPA8270
-Methylnaphthalene	ug/L	< 1		030909	1	EPA8270
exachlorocyclopentadiene	ug/L	< 10		030909	10	EPA8270
-Chloronaphthalene	ug/L	< 1		030909	1	EPA8270
-Nitroaniline	ug/L	< 1		030909	1	EPA8270
methyl Phthalate	ug/L	< 1		030909	1	EPA8270
enaphthylene	ug/L	< 1		030909	1	EPA8270
6-Dinitrotoluene	ug/L	< 1		030909	1	EPA8270
-Nitroaniline	ug/L	< 1		030909	1	EPA8270
enaphthene	ug/L	< 1		030909	1	EPA8270
benzofuran	ug/L	< 1		030909	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290790.00 03/27/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/04/09 RECEIVED:03/04/09
TIME COL'D:1300
MATRIX:Water SAMPLE: Pelham Bay Landfill-Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
,4-Dinitrotoluene	ug/L	< 1		030909	1	EPA8270
iethyl Phthalate	ug/L	< 1		030909	1	EPA8270
-Chlorophenyl phenyl ether	ug/L	< 1		030909	1	EPA8270
luorene	ug/L	< 1		030909	1	EPA8270
-Nitroaniline	ug/L	< 1		030909	1	EPA8270
-Nitrosodiphenylamine	ug/L	< 1		030909	1	EPA8270
-Bromophenyl phenyl ether	ug/L	< 1		030909	1	EPA8270
exachlorobenzene	ug/L	< 1		030909	1	EPA8270
henanthrene	ug/L	< 1		030909	1	EPA8270
ithracene	ug/L	< 1		030909	1	EPA8270
-n-Butyl Phthalate	ug/L	< 1		030909	1	EPA8270
luoranthene	ug/L	< 1		030909	1	EPA8270
rene	ug/L	< 1		030909	1	EPA8270
enzylButylPhthalate	ug/L	< 1		030909	1	EPA8270
3'-Dichlorobenzidine	ug/L	< 10		030909	10	EPA8270
enzo(a)anthracene	ug/L	< 1		030909	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290790.00 03/27/09

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/04/09 RECEIVED:03/04/09
TIME COL'D:1300
MATRIX:Water SAMPLE: Pelham Bay Landfill-Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
rysene	ug/L	< 1		030909	1	EPA8270
s(2-ethylhexyl)phthalate	ug/L	7.5	#	030909	1	EPA8270
-n-octyl Phthalate	ug/L	< 1		030909	1	EPA8270
nzo(b)fluoranthene	ug/L	< 1		030909	1	EPA8270
nzo(k)fluoranthene	ug/L	< 1		030909	1	EPA8270
nzo(a)pyrene	ug/L	< 1		030909	1	EPA8270
deno(1,2,3-cd)pyrene	ug/L	< 1		030909	1	EPA8270
benzo(a,h)anthracene	ug/L	< 1		030909	1	EPA8270
nzo(ghi)perylene	ug/L	< 1		030909	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

#Method blank contains 2.1 ug/L of bis(2-ethylhexyl) phthalate.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/04/09 RECEIVED:03/04/09
TIME COL'D:1300
MATRIX:Water SAMPLE: Pelham Bay Landfill-Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
henol	ug/L	< 1		030909	1	EPA8270
-Chlorophenol	ug/L	< 1		030909	1	EPA8270
-Methylphenol (o-cresol)	ug/L	< 1		030909	1	EPA8270
-Methylphenol (p-cresol)	ug/L	< 1		030909	1	EPA8270
-Nitrophenol	ug/L	< 1		030909	1	EPA8270
4-Dimethylphenol	ug/L	< 1		030909	1	EPA8270
4-Dichlorophenol	ug/L	< 1		030909	1	EPA8270
-Chloro-3-methylphenol	ug/L	< 1		030909	1	EPA8270
4,6-Trichlorophenol	ug/L	< 1		030909	1	EPA8270
4,5-Trichlorophenol	ug/L	< 1		030909	1	EPA8270
4-Dinitrophenol	ug/L	< 10		030909	10	EPA8270
-Nitrophenol	ug/L	< 10		030909	10	EPA8270
-Methyl-4,6-dinitrophenol	ug/L	< 10		030909	10	EPA8270
ntachlorophenol (ms)	ug/L	< 10		030909	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290790.00 03/27/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/04/09 RECEIVED:03/04/09
TIME COL'D:1300
MATRIX:Water SAMPLE: Pelham Bay Landfill-Leachate

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
ndane	ug/L	< 0.05		031009	0.05	EPA608
ptachlor	ug/L	< 0.05		031009	0.05	EPA608
drin	ug/L	< 0.05		031009	0.05	EPA608
ptachlor Epoxide	ug/L	< 0.05		031009	0.05	EPA608
p-DDE	ug/L	< 0.05		031009	0.05	EPA608
eldrin	ug/L	< 0.05		031009	0.05	EPA608
drin	ug/L	< 0.05		031009	0.05	EPA608
p-DDD	ug/L	< 0.05		031009	0.05	EPA608
p-DDT	ug/L	< 0.1		031009	0.1	EPA608
lordane	ug/L	< 0.2		031009	0.2	EPA608
xaphene	ug/L	< 1		031009	1	EPA608
drin Ketone	ug/L	< 0.1		031009	0.1	EPA608
BHC	ug/L	< 0.05		031009	0.05	EPA608
BHC	ug/L	< 0.05		031009	0.05	EPA608
BHC	ug/L	< 0.05		031009	0.05	EPA608
dosulfan 1	ug/L	< 0.1		031009	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/04/09 RECEIVED:03/04/09
TIME COL'D:1300
MATRIX:Water SAMPLE: Pelham Bay Landfill-Leachate

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
dosulfan 2	ug/L	< 0.1		031009	0.1	EPA608
dosulfan Sulfate	ug/L	< 0.3		031009	0.3	EPA608
thoxychlor	ug/L	< 0.1		031009	0.1	EPA608
drin Aldehyde	ug/L	< 0.3		031009	0.3	EPA608
oclor 1016	ug/L	< 0.065		030909	0.065	EPA608
oclor 1221	ug/L	< 0.065		030909	0.065	EPA608
oclor 1232	ug/L	< 0.065		030909	0.065	EPA608
oclor 1242	ug/L	< 0.065		030909	0.065	EPA608
oclor 1248	ug/L	< 0.065		030909	0.065	EPA608
oclor 1254	ug/L	< 0.065		030909	0.065	EPA608
oclor 1260	ug/L	< 0.065		030909	0.065	EPA608
talPet.Hydro.(GC)	mg/L	0.28		031009	0.01	EPA8015

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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LAB NO.290790.00 03/27/09

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100 Morris Avenue
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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill
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COLLECTED BY: Client DATE COL'D:03/04/09 RECEIVED:03/04/09
TIME COL'D:1300
MATRIX:Water SAMPLE: Pelham Bay Landfill-Leachate

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
uminum as Al	mg/L	0.03		031009	0.01	EPA200.7
timony as Sb	mg/L	< 0.005		031009	0.005	EPA200.7
senic as As	mg/L	0.008		031009	0.005	EPA200.7
rium as Ba	mg/L	0.14		031009	0.005	EPA200.7
ryllium as Be	mg/L	< 0.001		031009	0.001	EPA200.7
dmium as Cd	mg/L	< 0.005		031009	0.005	EPA200.7
lcium as Ca	mg/L	58		031009	0.2	EPA200.7
romium as Cr	mg/L	0.012		031009	0.005	EPA200.7
balt as Co	mg/L	< 0.005		031009	0.005	EPA200.7
pper as Cu	mg/L	< 0.01		031009	0.01	EPA200.7
on as Fe	mg/L	0.48		031009	0.01	EPA200.7
ad as Pb	mg/L	< 0.005		031009	0.005	EPA200.7
gnesium as Mg	mg/L	32		031009	0.005	EPA200.7
nganese as Mn	mg/L	0.18		031009	0.01	EPA200.7
rcury as Hg	mg/L	< 0.00025		031309	0.000	EPA245.2
ckel as Ni	mg/L	0.02		031009	0.01	EPA200.7
tassium as K	mg/L	52		031009	10	EPA200.7
lenium as Se	mg/L	< 0.01		031009	0.01	EPA200.7
lver as Ag	mg/L	< 0.005		031009	0.005	EPA200.7
dium as Na	mg/L	330		031009	10	EPA200.7
allium as Tl	mg/L	< 0.005		031009	0.005	EPA200.7
nadium as V	mg/L	0.016		031009	0.005	EPA200.7
nc as Zn	mg/L	0.03		031009	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 3975 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.290790.00 03/27/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler P0#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:03/04/09 RECEIVED:03/04/09
TIME COL'D:1300
MATRIX:Water SAMPLE: Pelham Bay Landfill-Leachate

ALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
anide as CN	mg/L	< 0.02		030509	0.02	EPA335.4
D5	mg/L	7.9		030609 1445	3	5210B
D	mg/L	190		031109	40	EPA410.4
loride as Cl	mg/L	440		030509	20	204500C1B
t Suspended Solids	mg/L	8		030509	2.5	2540D
monia as N	mg/L	48		030509	0.2	4500NH3C
trate as N	mg/L	1.6		030609	0.5	EPA353.2
t. Kjeldahl N.	mg/L	51		031009	0.2	4500NORGB
@lab units		7.8		030509 0929	0.1	4500HB
amen.to chlorin.	mg/L	< 0.02		030509	0.02	EPA335.4
romium hex as Cr	mg/L	< 0.02		030409 1700	0.02	4500CrB
lfate as S04	mg/L	45		031009	25	ASD51602
t Dissolved Solids	mg/L	1300		030909	10	2540C
n-polar Material	mg/L	< 5		031009	5	EPA1664

cc:

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REMARKS:

DIRECTOR

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293974.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill Leachate
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/18/09 RECEIVED:09/18/09
TIME COL'D:0900

MATRIX:Water SAMPLE: Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		092109	1	EPA8260
Bromomethane	ug/L	< 1		092109	1	EPA8260
Vinyl Chloride	ug/L	< 1		092109	1	EPA8260
Chloroethane	ug/L	< 1		092109	1	EPA8260
Methylene Chloride	ug/L	< 1		092109	1	EPA8260
Acetone	ug/L	< 10		092109	10	EPA8260
Carbon disulfide	ug/L	< 1		092109	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		092109	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		092109	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		092109	2	EPA8260
Chloroform	ug/L	< 1		092109	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		092109	1	EPA8260
2-Butanone	ug/L	< 10		092109	10	EPA8260
111 Trichloroethane	ug/L	< 1		092109	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		092109	1	EPA8260
Bromodichloromethane	ug/L	< 1		092109	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		092109	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		092109	1	EPA8260
Trichloroethene	ug/L	< 1		092109	1	EPA8260
Chlorodibromomethane	ug/L	< 1		092109	1	EPA8260
112 Trichloroethane	ug/L	< 1		092109	1	EPA8260
Benzene	ug/L	< 1		092109	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		092109	1	EPA8260
Bromoform	ug/L	< 1		092109	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		092109	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 22142 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293974.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill Leachate
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/18/09 RECEIVED:09/18/09
TIME COL'D:0900
MATRIX:Water SAMPLE: Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		092109	10	EPA8260
Tetrachloroethene	ug/L	< 1		092109	1	EPA8260
Toluene	ug/L	< 1		092109	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		092109	1	EPA8260
Chlorobenzene	ug/L	< 1		092109	1	EPA8260
Ethyl Benzene	ug/L	< 1		092109	1	EPA8260
Styrene	ug/L	< 1		092109	1	EPA8260
o Xylene	ug/L	< 1		092109	1	EPA8260
m + p Xylene	ug/L	< 2		092109	2	EPA8260
Xylene	ug/L	< 3		092109	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 22143 NYSDOH ID # 10320

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293974.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill Leachate
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/18/09 RECEIVED:09/18/09
TIME COL'D:0900
MATRIX:Water SAMPLE: Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Bis(2-chloroethyl)ether	ug/L	< 1		092209	1	EPA625
1,3 Dichlorobenzene(sv)	ug/L	< 1		092209	1	EPA8270
1,4 Dichlorobenzene(sv)	ug/L	< 1		092209	1	EPA8270
Carbazole	ug/L	< 1		092209	1	EPA8270
1,2 Dichlorobenzene(sv)	ug/L	< 1		092209	1	EPA8270
Bis(2-chloroisopropyl)ether	ug/L	< 1		092209	1	EPA8270
N-Nitrosodi-n-propylamine	ug/L	< 1		092209	1	EPA8270
Hexachloroethane	ug/L	< 1		092209	1	EPA8270
Nitrobenzene	ug/L	< 1		092209	1	EPA8270
Isophorone	ug/L	< 1		092209	1	EPA8270
Bis(2-chloroethoxy)methane	ug/L	< 1		092209	1	EPA8270
124-Trichlorobenzene (sv)	ug/L	< 1		092209	1	EPA8270
Naphthalene(sv)	ug/L	< 1		092209	1	EPA8270
4-Chloroaniline	ug/L	< 1		092209	1	EPA8270
Hexachlorobutadiene	ug/L	< 1		092209	1	EPA8270
2-Methylnaphthalene	ug/L	< 1		092209	1	EPA8270
Hexachlorocyclopentadiene	ug/L	< 10		092209	10	EPA8270
2-Chloronaphthalene	ug/L	< 1		092209	1	EPA8270
2-Nitroaniline	ug/L	< 1		092209	1	EPA8270
Dimethyl Phthalate	ug/L	< 1		092209	1	EPA8270
Acenaphthylene	ug/L	< 1		092209	1	EPA8270
2,6-Dinitrotoluene	ug/L	< 1		092209	1	EPA8270
3-Nitroaniline	ug/L	< 1		092209	1	EPA8270
Acenaphthene	ug/L	< 1		092209	1	EPA8270
Dibenzofuran	ug/L	< 1		092209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293974.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill Leachate
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/18/09 RECEIVED:09/18/09
TIME COL'D:0900
MATRIX:Water SAMPLE: Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2,4-Dinitrotoluene	ug/L	< 1		092209	1	EPA8270
Diethyl Phthalate	ug/L	< 1		092209	1	EPA8270
4-Chlorophenyl phenyl ether	ug/L	< 1		092209	1	EPA8270
Fluorene	ug/L	< 1		092209	1	EPA8270
4-Nitroaniline	ug/L	< 1		092209	1	EPA8270
N-Nitrosodiphenylamine	ug/L	< 1		092209	1	EPA8270
4-Bromophenyl phenyl ether	ug/L	< 1		092209	1	EPA8270
Hexachlorobenzene	ug/L	< 1		092209	1	EPA8270
Phenanthrene	ug/L	1		092209	1	EPA8270
Anthracene	ug/L	< 1		092209	1	EPA8270
Di-n-Butyl Phthalate	ug/L	< 1		092209	1	EPA8270
Fluoranthene	ug/L	2.2		092209	1	EPA8270
Pyrene	ug/L	1.9		092209	1	EPA8270
BenzylButylPhthalate	ug/L	< 1		092209	1	EPA8270
3,3'-Dichlorobenzidine	ug/L	< 10		092209	10	EPA8270
Benzo(a)anthracene	ug/L	< 1		092209	1	EPA8270

cc:

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REMARKS:

DIRECTOR

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LAB NO.293974.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill Leachate
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/18/09 RECEIVED:09/18/09
TIME COL'D:0900
MATRIX:Water SAMPLE: Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chrysene	ug/L	< 1		092209	1	EPA8270
Bis(2-ethylhexyl)phthalate	ug/L	5.7	@	092209	1	EPA8270
Di-n-octyl Phthalate	ug/L	< 1		092209	1	EPA8270
Benzo(b)fluoranthene	ug/L	< 1		092209	1	EPA8270
Benzo(k)fluoranthene	ug/L	< 1		092209	1	EPA8270
Benzo(a)pyrene	ug/L	< 1		092209	1	EPA8270
Indeno(1,2,3-cd)pyrene	ug/L	< 1		092209	1	EPA8270
Dibenzo(a,h)anthracene	ug/L	< 1		092209	1	EPA8270
Benzo(ghi)perylene	ug/L	< 1		092209	1	EPA8270

cc:

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REMARKS:
@Detected 4.54ug/L in method blank.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.293974.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill Leachate
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/18/09 RECEIVED:09/18/09
TIME COL'D:0900
MATRIX:Water SAMPLE: Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Phenol	ug/L	< 1		092209	1	EPA8270
2-Chlorophenol	ug/L	< 1		092209	1	EPA8270
2-Methylphenol (o-cresol)	ug/L	< 1		092209	1	EPA8270
4-Methylphenol (p-cresol)	ug/L	< 1		092209	1	EPA8270
2-Nitrophenol	ug/L	< 1		092209	1	EPA8270
2,4-Dimethylphenol	ug/L	< 1		092209	1	EPA8270
2,4-Dichlorophenol	ug/L	< 1		092209	1	EPA8270
4-Chloro-3-methylphenol	ug/L	< 1		092209	1	EPA8270
2,4,6-Trichlorophenol	ug/L	< 1		092209	1	EPA8270
2,4,5-Trichlorophenol	ug/L	< 1		092209	1	EPA8270
2,4-Dinitrophenol	ug/L	< 10		092209	10	EPA8270
4-Nitrophenol	ug/L	< 10		092209	10	EPA8270
2-Methyl-4,6-dinitrophenol	ug/L	< 10		092209	10	EPA8270
Pentachlorophenol (ms)	ug/L	< 10		092209	10	EPA8270

cc:

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REMARKS:

DIRECTOR

All analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293974.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill Leachate
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/18/09 RECEIVED:09/18/09
TIME COL'D:0900
MATRIX:Water SAMPLE: Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Lindane	ug/L	< 0.05		092309	0.05	EPA608
Heptachlor	ug/L	< 0.05		092309	0.05	EPA608
Aldrin	ug/L	< 0.05		092309	0.05	EPA608
Heptachlor Epoxide	ug/L	< 0.05		092309	0.05	EPA608
p,p-DDE	ug/L	< 0.05		092309	0.05	EPA608
Dieldrin	ug/L	< 0.05		092309	0.05	EPA608
Endrin	ug/L	< 0.05		092309	0.05	EPA608
p,p-DDD	ug/L	< 0.05		092309	0.05	EPA608
p,p-DDT	ug/L	< 0.1		092309	0.1	EPA608
Chlordane	ug/L	< 0.2		092309	0.2	EPA608
Toxaphene	ug/L	< 1		092309	1	EPA608
Endrin Ketone	ug/L	< 0.1		092309	0.1	EPA608
a BHC	ug/L	< 0.05		092309	0.05	EPA608
b BHC	ug/L	< 0.05		092309	0.05	EPA608
d BHC	ug/L	< 0.05		092309	0.05	EPA608
Endosulfan 1	ug/L	< 0.1		092309	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 22148 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293974.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill Leachate
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/18/09 RECEIVED:09/18/09
TIME COL'D:0900
MATRIX:Water SAMPLE: Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Endosulfan 2	ug/L	< 0.1		092309	0.1	EPA608
Endosulfan Sulfate	ug/L	< 0.3		092309	0.3	EPA608
Methoxychlor	ug/L	< 0.1		092309	0.1	EPA608
Endrin Aldehyde	ug/L	< 0.3		092309	0.3	EPA608
Aroclor 1016	ug/L	< 0.065		092509	0.065	EPA608
Aroclor 1221	ug/L	< 0.065		092509	0.065	EPA608
Aroclor 1232	ug/L	< 0.065		092509	0.065	EPA608
Aroclor 1242	ug/L	< 0.065		092509	0.065	EPA608
Aroclor 1248	ug/L	< 0.065		092509	0.065	EPA608
Aroclor 1254	ug/L	< 0.065		092509	0.065	EPA608
Aroclor 1260	ug/L	< 0.065		092509	0.065	EPA608
TotalPet.Hydro.(GC)	mg/L	0.09		092309	0.01	EPA8015

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 22149 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293974.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill Leachate
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/18/09 RECEIVED:09/18/09
TIME COL'D:0900
MATRIX:Water SAMPLE: Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Aluminum as Al	mg/L	0.1		092209	0.05	EPA200.7
Antimony as Sb	mg/L	< 0.025		092209	0.025	EPA200.7
Arsenic as As	mg/L	< 0.005		092209	0.025	EPA200.7
Barium as Ba	mg/L	0.1		092209	0.025	EPA200.7
Beryllium as Be	mg/L	< 0.005		092209	0.005	EPA200.7
Cadmium as Cd	mg/L	< 0.025		092209	0.025	EPA200.7
Calcium as Ca	mg/L	50		092209	1	EPA200.7
Chromium as Cr	mg/L	< 0.025		092209	0.025	EPA200.7
Cobalt as Co	mg/L	< 0.025		092209	0.025	EPA200.7
Copper as Cu	mg/L	< 0.05		092209	0.05	EPA200.7
Iron as Fe	mg/L	1.3		092209	0.05	EPA200.7
Lead as Pb	mg/L	< 0.025		092209	0.025	EPA200.7
Magnesium as Mg	mg/L	25		092209	0.025	EPA200.7
Manganese as Mn	mg/L	0.22		092209	0.05	EPA200.7
Mercury as Hg	mg/L	< 0.00025		092209	0.000	EPA245.2
Nickel as Ni	mg/L	< 0.05		092209	0.05	EPA200.7
Potassium as K	mg/L	19		092209	5	EPA200.7
Selenium as Se	mg/L	< 0.05		092209	0.05	EPA200.7
Silver as Ag	mg/L	< 0.025		092209	0.025	EPA200.7
Sodium as Na	mg/L	190		092209	5	EPA200.7
Thallium as Tl	mg/L	< 0.025		092209	0.025	EPA200.7
Vanadium as V	mg/L	< 0.025		092209	0.025	EPA200.7
Zinc as Zn	mg/L	0.26		092209	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 22150 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.293974.00 09/30/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill Leachate
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:09/18/09 RECEIVED:09/18/09
TIME COL'D:0900
MATRIX:Water SAMPLE: Leachate

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Cyanide as CN	mg/L	< 0.02		092109	0.02	EPA335.4
BOD5	mg/L	2.5		091809 1630	2	5210B
COD	mg/L	< 40		092309	40	EPA410.4
Chloride as Cl	mg/L	240		092309	2	204500C1B
Tot Suspended Solids	mg/L	5		092309	2.5	2540D
Ammonia as N	mg/L	9.8		092109	0.2	4500NH3C
Nitrate as N	mg/L	2.9		092209	0.5	EPA353.2
Tot. Kjeldahl N.	mg/L	12		092209	0.2	4500NORGB
pH@lab units		7.4		091809 1629	0.1	4500HB
CN amen.to chlorin.	mg/L	< 0.02		092109	0.02	EPA335.4
Chromium hex as Cr	mg/L	< 0.02		091809 1600	0.02	3500CrB
Sulfate as SO4	mg/L	32		092509	10	AS D51602
Tot Dissolved Solids	mg/L	780		092209	10	2540C
Non-polar Material	mg/L	< 5		092409	5	EPA1664

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 22151 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECO TEST LABORATORIES, INC. • ENVIRONMENTAL TESTING
377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

CHAIN OF CUSTODY RECORD

293974 16

Client: Severn Trent Environmental Services
Address: 100 Mom's Ave
Glen Cove, N.Y. 11542
Phone: 516-674-7082 FAX: 516-674-0151
Person receiving report: Ross Hiller
Sampled by: JM
Source: Pelham Bay Landfill Leachate
Job No.: 317

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	Plastic H2SO4	Plastic NP Preservative	Amber BN	Amber AE	Amber Pest & PCB	VOA	Plastic HNO3 Metals	Plastic HNO3	Amber Hydrocarbon H2SO4	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
W	9/18	9:00	Leachate	16	1	3	1	1	3	3	1	1	1			Leachate Schedule A & B Cat B QaQC

Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:	Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:
	9/18/15 17						
Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:	Relinquished by: (Signature) / Representing:	DATE/TIME	SEAL INTACT? YES NO NA	Received by: (Signature) / Representing:

Appendix F

Landfill Gas Monitoring Inspection Forms

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	3/10/2009	
	Time	7:15 AM	
	Techncian	JM	
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	-	17
D. Downstream Pressure -Inches WC	Inches WC	-	2.1
E. Inlet Temperature-Degree F	Degree F	35	41
F. Discharge Temperature-Degree F	Degree F	45	72
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	-	1000
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	22651.4	79250.3
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/off
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	on
N. Waste Inlet Valve	Closed / Open / Auto	closed	auto
O. Waste Gas On, Green Indicator Light	Off / On	off	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	-	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	yes
Manual Damper Postion	% Open / closed	80% closed	90% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	29/70	31/70
C. Inlet Valve Position	Percent open	50% open	50% open
D. LFG Flowrate-CFM	CFM	-	1266.74
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/250	130/1080
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	3/17/2009	3/20/2009
	Time	8:35 AM	7:50 AM
	Technician	RH	RH
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	12	17
D. Downstream Pressure -Inches WC	Inches WC	2	2.1
E. Inlet Temperature-Degree F	Degree F	50	41
F. Discharge Temperature-Degree F	Degree F	90	72
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1080	1000
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	24466.5	25802.6
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	off/Auto	off/Auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	no	no
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	90% closed	90% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/100	30/100
C. Inlet Valve Position	Percent open	30%	30%
D. LFG Flowrate-CFM	CFM	1258.61	1281.56
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/1600	120/1400
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
LFG-1	Flare Inlet sample port	Detected odor upon entering flare area, found the sample port closed but after 10 minutes odor still seems to be emanating from sample port	Order a new sample port, remove and discard the old sample port and install the new one.

DATE:3/20/09 INSPECTED BY: RH

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	3/24/2009	3/26/2009
	Time	8:55 AM	7:30 AM
	Technician	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	yes	yes
C. Upstream Vacuum-Inches WC	Inches WC		9
D. Downstream Pressure -Inches WC	Inches WC		1.7
E. Inlet Temperature-Degree F	Degree F	38	42
F. Discharge Temperature-Degree F	Degree F	42	71
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		900
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	26728.8	27261.8
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	off	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	closed	auto
O. Waste Gas On, Green Indicator Light	Off / On	off	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	on	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S		good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/70	29/75
C. Inlet Valve Position	Percent open	65% open	50% open
D. LFG Flowrate-CFM	CFM		1097.49
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/1200	120/1125
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	3/3/2009	3/5/2009
	Time	8:40 AM	8:05 AM
	Technician	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	11	11
D. Downstream Pressure -Inches WC	Inches WC	2	2
E. Inlet Temperature-Degree F	Degree F	34	37
F. Discharge Temperature-Degree F	Degree F	48	76
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1080	1150
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	20648.4	21454.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/50	31/60
C. Inlet Valve Position	Percent open	50% open	50% open
D. LFG Flowrate-CFM	CFM	1197.11	1183.7
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/650	120/600
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	3/31/2009	
	Time	8:27 AM	
	Techncian	JM	
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	
A. Noise or Vibration	No / Yes	no	
B. Measureable or Oderiferous Gas Leaks	No / Yes	yes	
C. Upstream Vacuum-Inches WC	Inches WC	12	
D. Downstream Pressure -Inches WC	Inches WC	2	
E. Inlet Temperature-Degree F	Degree F	47	
F. Discharge Temperature-Degree F	Degree F	88	
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	
B. Flow Meter-CFM, Min & Max	CFM	100	
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	
Blower 2 (Zero=)	Blower 2 Min Reading	27903.4	
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	
F. Blower 1 or 2 Current Alarm	Off / On	off	
G. High Motor Current Alarm	Off / On	off	
H. Reset Alarm	No / Yes	no	
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	
B. Panel Power Light	Off / On	on	
C. Start-Up Sequence Switch	Man / Auto	auto	
D. Local Unit Control Switch	Start / Run /Stop	start/run	
E. Unit Stop	No / Yes	no	
F. Security Light	Off / On	on	
G. Purge Start	Off / On	off	
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	
I. Purging, Blue Indicator Light	Off / On	off	
J. Purge Complete, Amber Indicating Light	Off / On	off	
K. Ignition Start	Off / On	no	
L. Pilot Gas On, Green Indicator Light	Off / On	off	
M. Flame Proved, Green Indicator Light	Off / On	on	
N. Waste Inlet Valve	Closed / Open / Auto	auto	
O. Waste Gas On, Green Indicator Light	Off / On	on	
P. Flare Reset	No / Yes	no	
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	
R. High Flare Temperature, Red Indicator Lig	Off / On	off	
S. Flare Failure, Red Indicator Light	Off / On	off	
4. FLARE			
A. Flame Condition	Good / N/S	good	
B. Abnormal Burner Hotspots	No / Yes	no	
C. Unusual Sounds or Odors	No / Yes	no	
D. Damper Motor Running	No / Yes	yes	
Manual Damper Postion	% Open / closed	98% closed	
5. PIPING			
A. General Condition	OK / N/S	ok	
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	29/90	
C. Inlet Valve Position	Percent open	50% open	
D. LFG Flowrate-CFM	CFM	1136.65	
E. Gauges Operational?	No / Yes	yes	
F. Nitrogen Pressure-PSIG	PSI / tank PSI	129/990	
SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	4/2/2009	
	Time	10:05 AM	
	Technician	JM	
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	
A. Noise or Vibration	No / Yes	no	
B. Measureable or Oderiferous Gas Leaks	No / Yes	yes	
C. Upstream Vacuum-Inches WC	Inches WC	11	
D. Downstream Pressure -Inches WC	Inches WC	2	
E. Inlet Temperature-Degree F	Degree F	46	
F. Discharge Temperature-Degree F	Degree F	86	
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	
B. Flow Meter-CFM, Min & Max	CFM	980	
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	
Blower 2 (Zero=)	Blower 2 Min Reading	28889.6	
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	
F. Blower 1 or 2 Current Alarm	Off / On	off	
G. High Motor Current Alarm	Off / On	off	
H. Reset Alarm	No / Yes	no	
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	
B. Panel Power Light	Off / On	on	
C. Start-Up Sequence Switch	Man / Auto	auto	
D. Local Unit Control Switch	Start / Run /Stop	start/run	
E. Unit Stop	No / Yes	no	
F. Security Light	Off / On	on	
G. Purge Start	Off / On	off	
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	
I. Purging, Blue Indicator Light	Off / On	off	
J. Purge Complete, Amber Indicating Light	Off / On	off	
K. Ignition Start	Off / On	no	
L. Pilot Gas On, Green Indicator Light	Off / On	off	
M. Flame Proved, Green Indicator Light	Off / On	on	
N. Waste Inlet Valve	Closed / Open / Auto	auto	
O. Waste Gas On, Green Indicator Light	Off / On	on	
P. Flare Reset	No / Yes	no	
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	
R. High Flare Temperature, Red Indicator Li	Off / On	off	
S. Flare Failure, Red Indicator Light	Off / On	off	
4. FLARE			
A. Flame Condition	Good / N/S	good	
B. Abnormal Burner Hotspots	No / Yes	no	
C. Unusual Sounds or Odors	No / Yes	no	
D. Damper Motor Running	No / Yes	yes	
Manual Damper Postion	% Open / closed	98% closed	
5. PIPING			
A. General Condition	OK / N/S	ok	
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	28/90	
C. Inlet Valve Position	Percent open	50% open	
D. LFG Flowrate-CFM	CFM	1182.93	
E. Gauges Operational?	No / Yes	yes	
F. Nitrogen Pressure-PSIG	PSI / tank PSI	122/850	
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	4/7/2009	4/9/2009
	Time	10:30 AM	7:10 AM
	Technician	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	yes	yes
C. Upstream Vacuum-Inches WC	Inches WC	11	11
D. Downstream Pressure -Inches WC	Inches WC	2	2
E. Inlet Temperature-Degree F	Degree F	45	44
F. Discharge Temperature-Degree F	Degree F	76	82
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	960	1000
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	29036.0	29973.0
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/80	30/65
C. Inlet Valve Position	Percent open	50% open	50% open
D. LFG Flowrate-CFM	CFM	1229.1	1154.7
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	125/500	120/450
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 6)

	Date	4/14/2009	4/16/2009
	Time	7:53 AM	7:00 AM
	Technician	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	yes	yes
C. Upstream Vacuum-Inches WC	Inches WC		11
D. Downstream Pressure -Inches WC	Inches WC		2
E. Inlet Temperature-Degree F	Degree F	46	53
F. Discharge Temperature-Degree F	Degree F	56	84
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		1000
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	31268.5	31843.2
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off/on
G. High Motor Current Alarm	Off / On	off	off/on
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	off/on
B. Panel Power Light	Off / On	on	off/on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	on
N. Waste Inlet Valve	Closed / Open / Auto	closed	auto
O. Waste Gas On, Green Indicator Light	Off / On	off	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	on	off
4. FLARE			
A. Flame Condition	Good / N/S		good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/90	30/70
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM		1070
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	118/1750	120/1480
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	4/21/2009	4/23/2009
	Time	8:35 AM	7:03 AM
	Technclan	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	yes	yes
C. Upstream Vacuum-Inches WC	Inches WC		14
D. Downstream Pressure -Inches WC	Inches WC		2
E. Inlet Temperature-Degree F	Degree F	54	50
F. Discharge Temperature-Degree F	Degree F	54	84
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		1000
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	32608.5	32674.5
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	on
N. Waste Inlet Valve	Closed / Open / Auto	closed	auto
O. Waste Gas On, Green Indicator Light	Off / On	off	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	on	off
4. FLARE			
A. Flame Condition	Good / N/S		good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	29/100	30/90
C. Inlet Valve Position	Percent open	50% open	50% open
D. LFG Flowrate-CFM	CFM		1150.58
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	130/1175	120/900
6. SITE CONDITION			
Vandalism, Cleantiness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	4/28/2009	4/30/2009
	Time	6:52 AM	7:40 AM
	Technician	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	yes	no
C. Upstream Vacuum-Inches WC	Inches WC	18	18
D. Downstream Pressure -Inches WC	Inches WC	2	2
E. Inlet Temperature-Degree F	Degree F	57	53
F. Discharge Temperature-Degree F	Degree F	94	76
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1000	1000
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	33766.2	34691.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/115	30/90
C. Inlet Valve Position	Percent open	50% open	50% open
D. LFG Flowrate-CFM	CFM	1210.5	1270.12
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	125/525	120/300
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	5/5/2009	5/7/2009
	Time	7:30 AM	6:55 AM
	Technician	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	22	18
D. Downstream Pressure -Inches WC	Inches WC	2.8	2.5
E. Inlet Temperature-Degree F	Degree F	54	54
F. Discharge Temperature-Degree F	Degree F	84	90
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1050	980
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	35110.7	35419.2
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/98	30/90
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1252.47	1271.39
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/2000	120/1500
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	5/13/2009	5/15/2009
	Time	7:30 AM	6:55 AM
	Technician	JM	RH
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F	86	60
F. Discharge Temperature-Degree F	Degree F	104	70
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	36118.0	36118.0
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/off
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	off	off
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	stop
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	closed	closed
O. Waste Gas On, Green Indicator Light	Off / On	off	off
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	on	on
4. FLARE			
A. Flame Condition	Good / N/S		
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	no
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	31/140	30/92
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/1050	124/1000
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	5/19/2009	5/21/2009
	Time	7:10 AM	7:55 AM
	Technician	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	18	19
D. Downstream Pressure -Inches WC	Inches WC	2.2	2.8
E. Inlet Temperature-Degree F	Degree F	44	106
F. Discharge Temperature-Degree F	Degree F	52	78
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1050	980
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	36278.5	37206.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/80	30/80
C. Inlet Valve Position	Percent open	50% open	50% open
D. LFG Flowrate-CFM	CFM	1328.65	1306.72
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/980	125/980
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	5/26/2009	5/28/2009
	Time	2:00 PM	7:04 AM
	Technician	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	18	
D. Downstream Pressure -Inches WC	Inches WC	2.3	
E. Inlet Temperature-Degree F	Degree F	62	58
F. Discharge Temperature-Degree F	Degree F	96	62
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1000	
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	38491.1	38999.4
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	off
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	stop
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	off
N. Waste Inlet Valve	Closed / Open / Auto	auto	closed
O. Waste Gas On, Green Indicator Light	Off / On	on	off
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	on
4. FLARE			
A. Flame Condition	Good / N/S	good	
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	no
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/120	30/105
C. Inlet Valve Position	Percent open	50% open	50% open
D. LFG Flowrate-CFM	CFM	1259.83	
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	122/960	122/775
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	6/2/2009	6/4/2009
	Time	6:08 PM	8:25 AM
	Technclan	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	18	18
D. Downstream Pressure -Inches WC	Inches WC	2.1	2.1
E. Inlet Temperature-Degree F	Degree F	66	62
F. Discharge Temperature-Degree F	Degree F	104	92
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1000	980
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	39518.5	39649.2
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/130	28/105
C. Inlet Valve Position	Percent open	50% open	50% open
D. LFG Flowrate-CFM	CFM	1214.51	1280.72
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	122/600	125/450
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	6/9/2009	6/11/2009
	Time	7:50 PM	6:30 AM
	Technician	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		24
D. Downstream Pressure -Inches WC	Inches WC		2.8
E. Inlet Temperature-Degree F	Degree F	61	62
F. Discharge Temperature-Degree F	Degree F	61	100
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		1000
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	39729.5	39760.0
D. Blower 1 or Blower 2 Running Light	Off / On	off	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	off	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	on
N. Waste Inlet Valve	Closed / Open / Auto	closed	auto
O. Waste Gas On, Green Indicator Light	Off / On	off	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	on	off
4. FLARE			
A. Flame Condition	Good / N/S		good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/110	22/95
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM		1630.0 SCFM
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	125/2050	120/1825
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	6/16/2009	6/182009
	Time	7:05 PM	7:50 AM
	Technician	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	24	24
D. Downstream Pressure -Inches WC	Inches WC	3	3
E. Inlet Temperature-Degree F	Degree F	62	62
F. Discharge Temperature-Degree F	Degree F	100	92
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1050	1050
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	46602.8	49532.3
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/90	30/90
C. Inlet Valve Position	Percent open	50% open	50% open
D. LFG Flowrate-CFM	CFM	1470.46 SCFM	1477.53 SCFM
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/1500	120/1480
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	6/23/2009	6/25/2009
	Time	6:37 PM	6:45 AM
	Technclan	JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	24	21
D. Downstream Pressure -Inches WC	Inches WC	3	2.8
E. Inlet Temperature-Degree F	Degree F	64	65
F. Discharge Temperature-Degree F	Degree F	108	110
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1050	990
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	56654.8	59543.9
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/105	30/110
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1358.27 SCFM	1285.15 SCFM
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/1375	120/1300
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Revlewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

	Date	6/30/2009	
	Time	6:40 AM	
	Technician	JM	
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	
A. Noise or Vibration	No / Yes	no	
B. Measureable or Odoriferous Gas Leaks	No / Yes	no	
C. Upstream Vacuum-Inches WC	Inches WC	21	
D. Downstream Pressure -Inches WC	Inches WC	3	
E. Inlet Temperature-Degree F	Degree F	61	
F. Discharge Temperature-Degree F	Degree F	112	
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	
B. Flow Meter-CFM, Min & Max	CFM	1100	
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	
Blower 2 (Zero=)	Blower 2 Min Reading	66737.4	
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	
F. Blower 1 or 2 Current Alarm	Off / On	off	
G. High Motor Current Alarm	Off / On	off	
H. Reset Alarm	No / Yes	no	
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	
B. Panel Power Light	Off / On	on	
C. Start-Up Sequence Switch	Man / Auto	auto	
D. Local Unit Control Switch	Start / Run /Stop	start/run	
E. Unit Stop	No / Yes	no	
F. Security Light	Off / On	on	
G. Purge Start	Off / On	off	
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	
I. Purging, Blue Indicator Light	Off / On	off	
J. Purge Complete, Amber Indicating Light	Off / On	off	
K. Ignition Start	Off / On	no	
L. Pilot Gas On, Green Indicator Light	Off / On	off	
M. Flame Proved, Green Indicator Light	Off / On	on	
N. Waste Inlet Valve	Closed / Open / Auto	auto	
O. Waste Gas On, Green Indicator Light	Off / On	on	
P. Flare Reset	No / Yes	no	
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	
R. High Flare Temperature, Red Indicator Li	Off / On	off	
S. Flare Failure, Red Indicator Light	Off / On	off	
4. FLARE			
A. Flame Condition	Good / N/S	good	
B. Abnormal Burner Hotspots	No / Yes	no	
C. Unusual Sounds or Odors	No / Yes	no	
D. Damper Motor Running	No / Yes	yes	
Manual Damper Postion	% Open / closed	98% closed	
5. PIPING			
A. General Condition	OK / N/S	ok	
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	30/100	
C. Inlet Valve Position	Percent open	50% open	
D. LFG Flowrate-CFM	CFM	1246.52	
E. Gauges Operational?	No / Yes	yes	
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/1200	
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		7/2/2009	
Time		7:00 AM	
Technician		JM	
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	
A. Noise or Vibration	No / Yes	no	
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	
C. Upstream Vacuum-Inches WC	Inches WC	21	
D. Downstream Pressure -Inches WC	Inches WC	3	
E. Inlet Temperature-Degree F	Degree F	66	
F. Discharge Temperature-Degree F	Degree F	106	
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	
B. Flow Meter-CFM, Min & Max	CFM	1000	
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	
Blower 2 (Zero=)	Blower 2 Min Reading	69638.1	
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	
F. Blower 1 or 2 Current Alarm	Off / On	off	
G. High Motor Current Alarm	Off / On	off	
H. Reset Alarm	No / Yes	no	
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	
B. Panel Power Light	Off / On	on	
C. Start-Up Sequence Switch	Man / Auto	auto	
D. Local Unit Control Switch	Start / Run /Stop	start/run	
E. Unit Stop	No / Yes	no	
F. Security Light	Off / On	on	
G. Purge Start	Off / On	off	
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	
I. Purging, Blue Indicator Light	Off / On	off	
J. Purge Complete, Amber Indicating Light	Off / On	off	
K. Ignition Start	Off / On	no	
L. Pilot Gas On, Green Indicator Light	Off / On	off	
M. Flame Proved, Green Indicator Light	Off / On	on	
N. Waste Inlet Valve	Closed / Open / Auto	auto	
O. Waste Gas On, Green Indicator Light	Off / On	on	
P. Flare Reset	No / Yes	no	
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	
R. High Flare Temperature, Red Indicator Li	Off / On	off	
S. Flare Failure, Red Indicator Light	Off / On	off	
4. FLARE			
A. Flame Condition	Good / N/S	good	
B. Abnormal Burner Hotspots	No / Yes	no	
C. Unusual Sounds or Odors	No / Yes	no	
D. Damper Motor Running	No / Yes	yes	
Manual Damper Postion	% Open / closed	98% closed	
5. PIPING			
A. General Condition	OK / N/S	ok	
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	28/100	
C. Inlet Valve Position	Percent open	50% open	
D. LFG Flowrate-CFM	CFM	1326.76	
E. Gauges Operational?	No / Yes	yes	
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/1175	
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		7/7/2009	7/10/2009
Time		7:00 AM	6:50 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	19	20
D. Downstream Pressure -Inches WC	Inches WC	2.8	2.8
E. Inlet Temperature-Degree F	Degree F	68	66
F. Discharge Temperature-Degree F	Degree F	116	111
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1000	1000
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	69638.1	75844.9
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	28/110	28/90
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1184.81	1195.27
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	122/1050	123/1000
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		7/14/2009	7/16/2009
Time		7:40 AM	8:15 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		18
D. Downstream Pressure -Inches WC	Inches WC		2.8
E. Inlet Temperature-Degree F	Degree F	69	71
F. Discharge Temperature-Degree F	Degree F	83	112
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		980
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	76222.8	76275.4
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	closed	auto
O. Waste Gas On, Green Indicator Light	Off / On	off	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S		good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	28/100	28/120
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM		1292.83
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	127/990	127/990
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		7/21/2009	7/23/2009
Time		7:40 AM	7:00 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		19
D. Downstream Pressure -Inches WC	Inches WC		29
E. Inlet Temperature-Degree F	Degree F	64	69
F. Discharge Temperature-Degree F	Degree F	83	111
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		980
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	78082.1	79504.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	on
N. Waste Inlet Valve	Closed / Open / Auto	closed	auto
O. Waste Gas On, Green Indicator Light	Off / On	off	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S		good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	yes
Manual Damper Postion	% Open / closed	98% closed	98%closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	26/100	26/110
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM		1201.01 SCFM
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	125/880	127/850
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		7/28/2009	7/30/2009
Time		7:52 AM	8:25 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	20	20
D. Downstream Pressure -Inches WC	Inches WC	3	3
E. Inlet Temperature-Degree F	Degree F	72	75
F. Discharge Temperature-Degree F	Degree F	120	126
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	980	980
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	86755.8	89669.5
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/120	25/125
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1178.78 SCFM	1151.65 SCFM
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	122/800	122/800
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		8/4/2009	8/6/2009
Time		7:52 AM	7:25 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	20	20
D. Downstream Pressure -Inches WC	Inches WC	2.9	3
E. Inlet Temperature-Degree F	Degree F	71	71
F. Discharge Temperature-Degree F	Degree F	116	116
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	980	1000
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	96767.5	99691.5
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/100	26/105
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1168.82 SCFM	1156.82
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	125/750	125/725
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		8/11/2009	8/13/2009
Time		7:58 AM	6:22 AM
Techncian		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	21	21
D. Downstream Pressure -Inches WC	Inches WC	3	3
E. Inlet Temperature-Degree F	Degree F	74	72
F. Discharge Temperature-Degree F	Degree F	122	110
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1000	1050
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	6922.9	9708.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	26/130	25/110
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1142.61	1187.53
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	125/700	125/700
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		8/18/2009	8/20/2009
Time		6:13 AM	7:25 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	20	
D. Downstream Pressure -Inches WC	Inches WC	3	
E. Inlet Temperature-Degree F	Degree F	72	72
F. Discharge Temperature-Degree F	Degree F	118	76
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1000	
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	16898.1	17862.9
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/off
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	stop
E. Unit Stop	No / Yes	no	yes
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	off
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	off
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	on
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	no
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	26/110	26/110
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1143.03	
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	125/675	128/625
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		8/25/2009	8/27/2009
Time		7:30 AM	6:37 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		21
D. Downstream Pressure -Inches WC	Inches WC		3
E. Inlet Temperature-Degree F	Degree F	72	74
F. Discharge Temperature-Degree F	Degree F	118	116
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		1050
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	17863.6	18900.4
D. Blower 1 or Blower 2 Running Light	Off / On	off	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	on
N. Waste Inlet Valve	Closed / Open / Auto	closed	auto
O. Waste Gas On, Green Indicator Light	Off / On	off	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S		good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	yes
Manual Damper Postion	% Open / closed	98% closed	98%
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	24/100	26/110
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM		1144.54
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	125/600	125/500
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		9/1/2009	9/3/2009
Time		7:05 AM	7:11 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	23	20
D. Downstream Pressure -Inches WC	Inches WC	3	3
E. Inlet Temperature-Degree F	Degree F	70	70
F. Discharge Temperature-Degree F	Degree F	112	114
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1100	1050
C. Hour Meter Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	17863.6	23705.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/85	25/90
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1247.66	1231.5
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	124/480	120/1890
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Signature			

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		9/8/2009	9/10/2009
Time		7:25 AM	8:00 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	21	21
D. Downstream Pressure -Inches WC	Inches WC	2.9	3
E. Inlet Temperature-Degree F	Degree F	69	70
F. Discharge Temperature-Degree F	Degree F	112	110
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1050	1050
C. Hour Meter Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	25598.3	28517.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/98	25/90
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1302.04	1218.81
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	122/1675	120/1600
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Signature			

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		9/15/2009	9/17/2009
Time		9:45 AM	10:00 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F	80	56
F. Discharge Temperature-Degree F	Degree F	90	62
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour Meter Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	28973.1	28973.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/off
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	stop
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	no	no
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	closed	closed
O. Waste Gas On, Green Indicator Light	Off / On	off	off
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S		
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	no
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	26/120	25/90
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	122/1500	120/1400
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Signature			

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		9/22/2009	9/24/2009
Time		9:45 AM	9:36 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F	70	87
F. Discharge Temperature-Degree F	Degree F	74	98
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour Meter Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	28973.1	28973.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/off
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	stop
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	closed	closed
O. Waste Gas On, Green Indicator Light	Off / On	off	off
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S		
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	no
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/105	26/140
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	122/1300	125/1325
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Signature			

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		9/29/2009	
Time		7:30 AM	
Technician		JM	
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	
A. Noise or Vibration	No / Yes	no	
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F	55	
F. Discharge Temperature-Degree F	Degree F	56	
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour Meter Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	
Blower 2 (Zero=)	Blower 2 Min Reading	28973.1	
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	
F. Blower 1 or 2 Current Alarm	Off / On	off	
G. High Motor Current Alarm	Off / On	off	
H. Reset Alarm	No / Yes	no	
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	
B. Panel Power Light	Off / On	on	
C. Start-Up Sequence Switch	Man / Auto	auto	
D. Local Unit Control Switch	Start / Run /Stop	stop	
E. Unit Stop	No / Yes	no	
F. Security Light	Off / On	on	
G. Purge Start	Off / On	off	
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	
I. Purging, Blue Indicator Light	Off / On	off	
J. Purge Complete, Amber Indicating Light	Off / On	off	
K. Ignition Start	Off / On	off	
L. Pilot Gas On, Green Indicator Light	Off / On	off	
M. Flame Proved, Green Indicator Light	Off / On	off	
N. Waste Inlet Valve	Closed / Open / Auto	closed	
O. Waste Gas On, Green Indicator Light	Off / On	off	
P. Flare Reset	No / Yes	no	
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	
R. High Flare Temperature, Red Indicator Li	Off / On	off	
S. Flare Failure, Red Indicator Light	Off / On	off	
4. FLARE			
A. Flame Condition	Good / N/S		
B. Abnormal Burner Hotspots	No / Yes	no	
C. Unusual Sounds or Odors	No / Yes	no	
D. Damper Motor Running	No / Yes	no	
Manual Damper Postion	% Open / closed	98% closed	
5. PIPING			
A. General Condition	OK / N/S	ok	
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	24/80	
C. Inlet Valve Position	Percent open	50% open	
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	
F. Nitrogen Pressure-PSIG	PSI / tank PSI	122/1200	
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	
Signature			

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		10/1/2009	10/6/2009
Time		10:10 AM	8:45 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F	72	54
F. Discharge Temperature-Degree F	Degree F	81	64
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	28973.1	28973.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/off
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	stop
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	closed	closed
O. Waste Gas On, Green Indicator Light	Off / On	off	off
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S		
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	no
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/100	25/90
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	122/1150	127/1075
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		10/8/2009	10/13/2009
Time		9:15 AM	9:00 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F	64	51
F. Discharge Temperature-Degree F	Degree F	71	55
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	28973.1	28973.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/off
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	stop
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	closed	closed
O. Waste Gas On, Green Indicator Light	Off / On	off	off
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S		
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	no
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/90	25/80
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	125/1050	125/990
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		10/15/2009	10/20/2009
Time		9:15 AM	8:58 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	19	
D. Downstream Pressure -Inches WC	Inches WC	2.5	
E. Inlet Temperature-Degree F	Degree F	61	43
F. Discharge Temperature-Degree F	Degree F	96	44
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	980	
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	30338.7	32030.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	off
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	stop
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	on	on
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	off
N. Waste Inlet Valve	Closed / Open / Auto	auto	closed
O. Waste Gas On, Green Indicator Light	Off / On	on	off
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	on
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	no
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	of
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	26/70	25/65
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1180.3 scfm	
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/700	140/700
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		10/22/2009	10/27/2009
Time		10:08 AM	12:05 PM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	17	18
D. Downstream Pressure -Inches WC	Inches WC	2	2.5
E. Inlet Temperature-Degree F	Degree F	61	58
F. Discharge Temperature-Degree F	Degree F	96	92
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	980	1050
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	30338.7	35157.8
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	on	on
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Li	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	26/70	24/80
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1180.3 scfm	1184.2
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/700	120/625
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		10/29/2009	
Time		9:32 AM	
Technician		JM	
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	
A. Noise or Vibration	No / Yes	no	
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F	66	
F. Discharge Temperature-Degree F	Degree F	76	
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	
Blower 2 (Zero=)	Blower 2 Min Reading	36702.8	
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	
F. Blower 1 or 2 Current Alarm	Off / On	off	
G. High Motor Current Alarm	Off / On	off	
H. Reset Alarm	No / Yes	no	
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	
B. Panel Power Light	Off / On	on	
C. Start-Up Sequence Switch	Man / Auto	auto	
D. Local Unit Control Switch	Start / Run /Stop	stop	
E. Unit Stop	No / Yes	no	
F. Security Light	Off / On	on	
G. Purge Start	Off / On	off	
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	
I. Purging, Blue Indicator Light	Off / On	off	
J. Purge Complete, Amber Indicating Light	Off / On	off	
K. Ignition Start	Off / On	on	
L. Pilot Gas On, Green Indicator Light	Off / On	off	
M. Flame Proved, Green Indicator Light	Off / On	off	
N. Waste Inlet Valve	Closed / Open / Auto	closed	
O. Waste Gas On, Green Indicator Light	Off / On	off	
P. Flare Reset	No / Yes	no	
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	
R. High Flare Temperature, Red Indicator Lig	Off / On	off	
S. Flare Failure, Red Indicator Light	Off / On	off	
4. FLARE			
A. Flame Condition	Good / N/S		
B. Abnormal Burner Hotspots	No / Yes	no	
C. Unusual Sounds or Odors	No / Yes	no	
D. Damper Motor Running	No / Yes	no	
Manual Damper Postion	% Open / closed	98% closed	
5. PIPING			
A. General Condition	OK / N/S	ok	
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	23/80	
C. Inlet Valve Position	Percent open	50% open	
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/625	
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		11/3/2009	11/5/2009
Time		9:15 AM	7:03 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	19	20
D. Downstream Pressure -Inches WC	Inches WC	2.5	2.45
E. Inlet Temperature-Degree F	Degree F	61	57
F. Discharge Temperature-Degree F	Degree F	103	98
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	980	980
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	38299.2	41037.9
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	on	on
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/85	25/65
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1202.88	1227.86
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	125/500	120/500
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		11/10/2009	11/12/2009
Time		10:40 AM	8:12 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F	62	46
F. Discharge Temperature-Degree F	Degree F	68	50
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	41327.1	41327.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/off
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	off	off
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	stop
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	closed	closed
O. Waste Gas On, Green Indicator Light	Off / On	off	off
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S		
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	no
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/90	25/70
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	130/500	130/500
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____
_____
_____
_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		11/17/2009	11/19/2009
Time		9:45 AM	12:23 PM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	20	19
D. Downstream Pressure -Inches WC	Inches WC	2.38	2.42
E. Inlet Temperature-Degree F	Degree F	59	56
F. Discharge Temperature-Degree F	Degree F	101	94
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	990	995
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	42633.1	45671.2
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/off
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/90	25/90
C. Inlet Valve Position	Percent open	50% open	50%
D. LFG Flowrate-CFM	CFM	1231.47	1246.96
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/500	120/500
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments_____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		11/24/2009	11/27/2009
Time		7:30 AM	9:32 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	19	19
D. Downstream Pressure -Inches WC	Inches WC	2.37	2.42
E. Inlet Temperature-Degree F	Degree F	54	55
F. Discharge Temperature-Degree F	Degree F	94	90
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	990	980
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	48587.4	53024.1
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/75	25/75
C. Inlet Valve Position	Percent open	50% open	50% open
D. LFG Flowrate-CFM	CFM	1218.7	1223.31
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/500	120/480
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
LFG-1	Demister	Motor observed not working	Motor needs to be inspected
			Chris Farrell inspected the pump and found it to be seized. A new one is being ordered. 11/5/09. Problem corrected on 11/20/2009.

DATE: 11/5/2009 INSPECTED BY: JM

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date Time Technician		12/2/2009 3:00 PM RH	12/4/2009 3:00 PM RH
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	20	20
D. Downstream Pressure -Inches WC	Inches WC	2.5	2.5
E. Inlet Temperature-Degree F	Degree F	54	54
F. Discharge Temperature-Degree F	Degree F	95	97
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/on
B. Flow Meter-CFM, Min & Max	CFM	1220	1205
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	55353.4	58219.6
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	on	on
N. Waste Inlet Valve	Closed / Open / Auto	auto	auto
O. Waste Gas On, Green Indicator Light	Off / On	on	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S	good	good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	yes
Manual Damper Postion	% Open / closed	98% closed	98% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/80	25/80
C. Inlet Valve Position	Percent open	100%	100%
D. LFG Flowrate-CFM	CFM	1220	1205
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/500	120/480
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		12/8/2009	12/11/2009
Time		8:00 AM	7:00 AM
Technician		RH	RH
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC	20	
D. Downstream Pressure -Inches WC	Inches WC	2.5	
E. Inlet Temperature-Degree F	Degree F	55	39
F. Discharge Temperature-Degree F	Degree F	97	42
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	off/off
B. Flow Meter-CFM, Min & Max	CFM	1228.62	
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20445.2
Blower 2 (Zero=)	Blower 2 Min Reading	59746.6	61120.4
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	off/off
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off/off
G. High Motor Current Alarm	Off / On	off	off/off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	on
B. Panel Power Light	Off / On	on	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	start/run	stop
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	on	on
G. Purge Start	Off / On	off	off/off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off/off
I. Purging, Blue Indicator Light	Off / On	off	off/off
J. Purge Complete, Amber Indicating Light	Off / On	off	off/off
K. Ignition Start	Off / On	off	off/off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off/off
M. Flame Proved, Green Indicator Light	Off / On	on	off/off
N. Waste Inlet Valve	Closed / Open / Auto	auto	closed
O. Waste Gas On, Green Indicator Light	Off / On	on	off/off
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off/off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off/off
S. Flare Failure, Red Indicator Light	Off / On	off	off/off
4. FLARE			
A. Flame Condition	Good / N/S	good	
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	yes	no
Manual Damper Postion	% Open / closed	95% closed	95% closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/80	23/60
C. Inlet Valve Position	Percent open	100%	100%
D. LFG Flowrate-CFM	CFM	1226	
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/500	100/1800
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments A DP-1 written on 12/11/09 for Blower control panel letter B

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
LFG-1	Blower Panel	Both Current/CFM meters have failed	Remove meters and send out for repair
			Meters repaired and installed on 12/17/2009

DATE: 12/11/09 INSPECTED BY: RH

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		12/15/2009	12/17/2009
Time		9:30 AM	11:55 AM
Technician		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		18
D. Downstream Pressure -Inches WC	Inches WC		2.5
E. Inlet Temperature-Degree F	Degree F	45	46
F. Discharge Temperature-Degree F	Degree F	48	80
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/off	off/on
B. Flow Meter-CFM, Min & Max	CFM		985
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20445.2	20446.9
Blower 2 (Zero=)	Blower 2 Min Reading	61121.3	61247.8
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off/on
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	off	on
B. Panel Power Light	Off / On	off	on
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	start/run
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	off	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	on
N. Waste Inlet Valve	Closed / Open / Auto	closed	auto
O. Waste Gas On, Green Indicator Light	Off / On	off	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S		good
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	yes
Manual Damper Postion	% Open / closed	95% closed	98%closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	23/70	26/70
C. Inlet Valve Position	Percent open	50%	50%
D. LFG Flowrate-CFM	CFM		1223.92
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	110/1850	120/1700
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments A DP-1 written on 12/11/09 for Blower control panel letter B

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		12/22/2009	12/24/2009
Time		9:09 AM	8:35 AM
Techncian		JM	JM
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	2
A. Noise or Vibration	No / Yes	no	no
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	no
C. Upstream Vacuum-Inches WC	Inches WC		
D. Downstream Pressure -Inches WC	Inches WC		
E. Inlet Temperature-Degree F	Degree F	43	31
F. Discharge Temperature-Degree F	Degree F	74	34
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/off	off/off
B. Flow Meter-CFM, Min & Max	CFM		
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20446.9	20446.9
Blower 2 (Zero=)	Blower 2 Min Reading	64179.1	65742.7
D. Blower 1 or Blower 2 Running Light	Off / On	off/off	off/on
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	auto
F. Blower 1 or 2 Current Alarm	Off / On	off	off
G. High Motor Current Alarm	Off / On	off	off
H. Reset Alarm	No / Yes	no	no
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	off	off
B. Panel Power Light	Off / On	off	off
C. Start-Up Sequence Switch	Man / Auto	auto	auto
D. Local Unit Control Switch	Start / Run /Stop	stop	stop
E. Unit Stop	No / Yes	no	no
F. Security Light	Off / On	off	on
G. Purge Start	Off / On	off	off
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	off
I. Purging, Blue Indicator Light	Off / On	off	off
J. Purge Complete, Amber Indicating Light	Off / On	off	off
K. Ignition Start	Off / On	off	off
L. Pilot Gas On, Green Indicator Light	Off / On	off	off
M. Flame Proved, Green Indicator Light	Off / On	off	off
N. Waste Inlet Valve	Closed / Open / Auto	closed	closed
O. Waste Gas On, Green Indicator Light	Off / On	off	on
P. Flare Reset	No / Yes	no	no
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	off
R. High Flare Temperature, Red Indicator Lig	Off / On	off	off
S. Flare Failure, Red Indicator Light	Off / On	off	off
4. FLARE			
A. Flame Condition	Good / N/S		
B. Abnormal Burner Hotspots	No / Yes	no	no
C. Unusual Sounds or Odors	No / Yes	no	no
D. Damper Motor Running	No / Yes	no	yes
Manual Damper Postion	% Open / closed	95% closed	98%closed
5. PIPING			
A. General Condition	OK / N/S	ok	ok
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/55	25/55
C. Inlet Valve Position	Percent open	50%	50%
D. LFG Flowrate-CFM	CFM		
E. Gauges Operational?	No / Yes	yes	yes
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/1700	120/1650
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	good
Reviewed By			
Date			

Comments _____

FORM LFG-1
WEEKLY(TWICE WEEKLY) INSPECTION CHECKLIST
LANDFILL GAS MANAGEMENT SYSTEM
PELHAMBAY LANDFILL
(REFERENCE VOLUME III, SECTION 5)

Date		12/29/2009	
Time		7:15 AM	
Technician		JM	
1.OPERATING BLOWER 1 OR 2	Blower 1or 2	2	
A. Noise or Vibration	No / Yes	no	
B. Measureable or Oderiferous Gas Leaks	No / Yes	no	
C. Upstream Vacuum-Inches WC	Inches WC	20	
D. Downstream Pressure -Inches WC	Inches WC	2.4	
E. Inlet Temperature-Degree F	Degree F	38	
F. Discharge Temperature-Degree F	Degree F	60	
2. BLOWER CONTROL PANEL			
A. Disconnnect Blower 1 and 2 Switch	Off / On	off/on	
B. Flow Meter-CFM, Min & Max	CFM	980	
C. Hour M Blower 1 (Zero=)	Blower 1 Min Reading	20446.9	
Blower 2 (Zero=)	Blower 2 Min Reading	67153.4	
D. Blower 1 or Blower 2 Running Light	Off / On	off/on	
E. The Blower Hand-Off_Auto Switch	Hand / Off / Auto	auto	
F. Blower 1 or 2 Current Alarm	Off / On	off	
G. High Motor Current Alarm	Off / On	off	
H. Reset Alarm	No / Yes	no	
3. FLARE CONTROL PANEL			
A. Panel Power Switch	Off / On	on	
B. Panel Power Light	Off / On	on	
C. Start-Up Sequence Switch	Man / Auto	auto	
D. Local Unit Control Switch	Start / Run /Stop	start/run	
E. Unit Stop	No / Yes	no	
F. Security Light	Off / On	on	
G. Purge Start	Off / On	off	
H. Low Purge Air Flow, Red Indicator Light	Off / On	off	
I. Purging, Blue Indicator Light	Off / On	off	
J. Purge Complete, Amber Indicating Light	Off / On	off	
K. Ignition Start	Off / On	off	
L. Pilot Gas On, Green Indicator Light	Off / On	off	
M. Flame Proved, Green Indicator Light	Off / On	on	
N. Waste Inlet Valve	Closed / Open / Auto	auto	
O. Waste Gas On, Green Indicator Light	Off / On	on	
P. Flare Reset	No / Yes	no	
Q. Waste Gas Blower Failure, Red Indicator	Off / On	off	
R. High Flare Temperature, Red Indicator Lig	Off / On	off	
S. Flare Failure, Red Indicator Light	Off / On	off	
4. FLARE			
A. Flame Condition	Good / N/S	good	
B. Abnormal Burner Hotspots	No / Yes	no	
C. Unusual Sounds or Odors	No / Yes	no	
D. Damper Motor Running	No / Yes	yes	
Manual Damper Postion	% Open / closed	98% closed	
5. PIPING			
A. General Condition	OK / N/S	ok	
B. Propane Tank Pressure/Level-PSIG	PSI / tank PSI	25/40	
C. Inlet Valve Position	Percent open	50%	
D. LFG Flowrate-CFM	CFM	1172.81 scfm	
E. Gauges Operational?	No / Yes	yes	
F. Nitrogen Pressure-PSIG	PSI / tank PSI	120/1600	
6. SITE CONDITION			
Vandalism, Cleanliness	Good / N/S	good	
Reviewed By			
Date			

Comments_____

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 6-Mar-09
Weather clear 38

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	8:00	37.8	23.9	1	78	0	2.00	NA	
EW-1	10:04	11.6	17	0	44	0	-0.33	Closed	
EW-2	9:58	11.1	17.3	0	62	0	-0.58	Closed	
EW-3	9:52	8.3	18.2	0	67	0	-1.15	Closed	
EW-4	8:36	66.1	29.7	0	50	0	-0.96	open	
EW-5	8:27	55.2	39.3	0	117	0	-0.22	open	
EW-6	8:18	28.2	17	0	80	0	-0.61	open	Adjusted 1/16
EW-7	9:00	54.1	39.9	0	45	0	-0.27	open slightly	
EW-8	9:22	52.3	25.5	0	98	0	-0.94	open	Adjusted 1/16
EW-9	9:31	46.2	23.6	0	96	0	-1.16	75% open	Adjusted 1/16
EW-10	9:42	10.7	18.7	0	70	0	-0.85	Closed	Adjusted 2/17
EW-11	10:44	16.3	16.2	0	69	0	-0.77	1/4 open	
EW-12	10:40	21.3	18.9	0	83	0	-1.24	1/2 open	
EW-13	10:35	25.2	19.9	0	87	0	-1.76	1/2 open	
EW-14	10:29	15.9	17.5	0	70	0	-0.79	1/3 open	
EW-15	8:54	53.3	40.3	0	127	0	-0.68	open	Adjusted 1/16
EW-16	10:23	14.2	19.1	0	54	0	-0.38	Closed	
EW-17	8:50	52.2	34.7	0	115	0	-0.86	open	Adjusted 1/16
EW-18	10:19	22.1	21.5	0	70	0	-0.73	1/2 open	
EW-19	9:35	15.8	18.9	0	73	0	-0.65	1/2 open	
EW-20	9:26	38.2	25.1	0	96	0	-0.95	open	
EW-21	10:14	27.1	16.4	0	45	0	-0.22	Closed	
EW-22	10:10	23.1	15.3	0	45	0	-0.14	50% open	Adjusted 1/14
PV-1	8:22	37.2	21	1.3	38	0	-0.67	NA	
PV-2	8:31	55.1	31.8	0.5	38	0	-0.54	NA	
PV-3	8:43	43.6	26.4	0	38	0	-0.84	NA	
PV-5	9:15	49.3	24.2	0	38	0	-0.76	NA	
PV-6	9:09	44.7	25	0	38	0	-0.91	NA	

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 11-Mar-09
Weather cloudy 49

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	8:25	35.4	22.4	1	80	0	1.90	NA	
EW-1	10:56	13.8	16.2	0	49	0	0.67	Closed	
EW-2	10:52	12.1	16.5	0	55	0	0.31	Closed	
EW-3	10:40	13.1	19.3	0	69	0	-0.34	Closed	
EW-4	9:46	65.9	30.1	0	56	0	0.56	open	
EW-5	9:35	54.5	37.7	0	117	0	-0.15	open	
EW-6	9:29	27.7	16.3	0	82	0	-0.46	open	Adjusted 1/16
EW-7	10:04	60.5	39.5	0	47	0	0.83	open slightly	
EW-8	10:19	52.6	25.7	0	96	0	-0.78	open	Adjusted 1/16
EW-9	10:23	46.4	24	0	98	0	-0.86	75% open	Adjusted 1/16
EW-10	10:35	18.4	19.9	0	69	0	-0.47	Closed	Adjusted 2/17
EW-11	11:36	20.2	17.5	0	70	0	-0.38	1/4 open	
EW-12	11:33	24.1	19.2	0	85	0	-0.71	1/2 open	
EW-13	11:27	27.1	20	0	86	0	-1.14	1/2 open	
EW-14	11:25	20.9	17.5	0	70	0	-0.39	1/3 open	
EW-15	10:00	55.1	40.1	0	129	0	-0.30	open	Adjusted 1/16
EW-16	11:19	20.5	19.9	0	72	0	-0.42	Closed	Opened 100% to get -DP reading
EW-17	9:56	54.7	35.5	0	119	0	-0.09	open	Adjusted 1/16
EW-18	11:16	31.7	23	0	71	0	-0.33	1/2 open	
EW-19	11:12	21.5	19.6	0	72	0	-0.49	1/2 open	
EW-20	10:30	40.1	25.6	0	97	0	-0.18	open	
EW-21	11:06	36.4	19.4	0	47	0	0.60	Closed	
EW-22	11:00	28.1	15.9	0.4	47	0	0.63	50% open	Adjusted 1/14
PV-1	9:35	36.2	21.3	0	48	0	-0.50	NA	
PV-2	9:43	55.2	31.9	0	48	0	0.26	NA	
PV-3	9:51	47.4	27.5	0	48	0	0.16	NA	
PV-5	10:14	52.1	23.5	0	48	0	0.04	NA	
PV-6	10:10	46.8	25.2	0	48	0	0.07	NA	

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector Ross Hibler **Date** 17-Mar-08
Weather Pt Cloudy 50's

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	7:30	34.7	23.6	1.3	80	0	2.00	NA	
EW-6	7:50	28.8	17.1	0	80	0	-0.50	open	Adjusted 1/16
EW-5	7:54	56.6	35	0	112	0	-0.17	open	
PV-1	7:59	37.4	20.3	0	50	0	-0.50	NA	
PV-2	8:06	56.6	29.8	0	50	0	-0.09	NA	
EW-4	8:13	66.6	29.1	0	59	0	-0.18	open	
PV-3	8:20	45.2	28.6	0	50	0	-0.17	NA	
EW-17	8:24	53.8	36.7	0	116	0	-0.06	open	Adjusted 1/16
EW-15	8:29	53.5	42.3	0	125	0	-0.36	open	Adjusted 1/16
EW-7	8:37	61.2	37.4	0	50	0	-0.03	open slightly	
PV-6	8:44	47.8	26.2	0	50	0	-0.04	NA	
PV-5	8:49	50.3	27.3	0	50	0	-0.10	NA	
EW-8	8:56	51.4	26.5	0	98	0	-0.80	open	Adjusted 1/16
EW-9	9:00	47.9	23.8	0	97	0	-0.93	75% open	Adjusted 1/16
EW-20	9:17	30.8	26.4	0	93	0	-0.15	open	
EW-10	9:25	17.8	22.6	0	71	0	-0.45	Closed	Adjusted 2/17
EW-3	9:34	12.9	18.5	0	71	0	-0.47	Closed	
EW-2	9:37	12.4	15.4	0	56	0	-0.50	Closed	
EW-1	9:43	14.1	17.4	0	51	0	-0.01	Closed	
EW-22	9:55	37.6	14.6	0.2	50	0	-0.34	50% open	Adjusted 1/14
EW-21	10:02	37.3	20.3	0	50	0	-0.26	Closed	
EW-19	10:07	20.7	18.8	0	73	0	-0.48	1/2 open	
EW-18	10:13	32.4	24.3	0	70	0	-0.32	1/2 open	
EW-16	10:19	20.6	20.1	0	70	0	-0.45	Closed	Opened 100% to get -DP reading
EW-14	10:23	19.6	17.2	0	71	0	-0.52	1/3 open	
EW-13	10:28	28.6	21.2	0	83	0	-1.34	1/2 open	
EW-12	10:32	22.5	18.2	0	82	0	-0.83	1/2 open	
EW-11	10:37	21.6	16.3	0	72	0	-0.41	1/4 open	

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 31-Mar-09
Weather Clear 58

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	8:30	29.4	20.2	1.9	92	0	2.10	NA	
EW-1	11:51	17.6	15.3	0	61	0	-0.75	Closed	
EW-2	11:46	13.3	15.9	0	69	0	-0.96	Closed	
EW-3	11:41	8.6	17.4	0	71	0	-2.35	Closed	
EW-4	9:34	43.5	26.1	0.3	64	0	-1.75	open	
EW-5	9:00	52.4	37.3	0	110	0	-1.65	open	
EW-6	8:50	29.3	16.8	0	80	0	-2.24	open	Adjusted 1/16
EW-7	10:12	56.9	38.7	0.8	51	0	-1.52	open slightly	
EW-8	10:45	50.1	25.4	0	98	0	-2.81	open	Adjusted 1/16
EW-9	11:20	46.7	24.2	0	95	0	-2.64	75% open	Adjusted 1/16
EW-10	11:33	16.8	19.3	0	74	0	-2.30	Closed	Adjusted 2/17
EW-11	12:42	19.5	15.4	1.8	73	0	-1.82	1/4 open	Today Closed
EW-12	12:34	25.7	18.3	0	78	0	-2.44	1/2 open	
EW-13	12:30	29.5	19.3	0	86	0	-2.83	1/2 open	
EW-14	12:24	23.7	16.4	0	73	0	-1.87	1/3 open	
EW-15	10:03	45.6	36.4	0	122	0	-2.08	open	Adjusted 1/16
EW-16	12:20	17.4	18.6	0	77	0	-2.29	Closed	Opened 100% to get -DP reading
EW-17	9:51	54.6	34.8	0	113	0	-2.04	open	Adjusted 1/16
EW-18	12:14	32.4	20.7	0	74	0	-1.72	1/2 open	
EW-19	12:07	23.8	18.2	0	73	0	-1.65	1/2 open	
EW-20	11:27	41.7	26.1	0	93	0	-1.70	open	
EW-21	12:01	7.9	5.7	16.8	56	0	-0.76	Closed	Found loose sample port and replaced.
EW-22	11:55	8.5	4.2	15.8	60	0	-0.73	50% open	Adjusted 1/14 Today Closed
PV-1	8:55	25	18.8	2.6	52	0	-2.34	NA	
PV-2	9:25	41.4	25.4	1.8	52	0	-1.80	NA	
PV-3	9:52	38.7	25.1	1.3	52	0	-1.82	NA	
PV-5	11:12	42.8	21.3	1.7	52	0	-1.86	NA	
PV-6	10:40	37.7	22.4	2.4	52	0	-1.87	NA	

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 10-Apr-09
Weather Cloudy Ambient temp 50

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	9:05	32.1	20.6	1.8	92	0	2.05	NA	
EW-1	12:15	18.6	15.1	0	56	0	-0.58	Closed	
EW-2	12:08	14.1	15.4	0	67	0	-0.90	Closed	
EW-3	11:54	8.2	16.7	1.1	64	0	-2.34	Closed	
EW-4	10:05	64	29.8	0.6	68	0	-1.22	open	
EW-5	9:38	51.3	35.5	1.9	112	0	-1.30	open	
EW-6	9:16	29.5	16.2	0	82	0	-1.92	open	Adjusted 1/16
EW-7	10:36	56.6	38.7	0.7	55	0	-1.04	open slightly	
EW-8	10:52	57.3	25.6	0	101	0	-2.21	open	Adjusted 1/16
EW-9	10:57	47.2	23.6	0	94	0	-2.14	75% open	Adjusted 1/16
EW-10	11:44	15.8	18.1	0	61	0	-0.97	Closed	Adjusted 2/17
EW-11	1:11	21.6	15.6	0	74	0	-1.93	1/4 open	Adjusted today to 1/4 open
EW-12	1:07	27.3	18.8	0	86	0	-2.35	1/2 open	
EW-13	1:01	30.9	19.4	0	88	0	-2.70	1/2 open	
EW-14	12:56	22.3	15.6	0	74	0	-1.75	1/3 open	
EW-15	10:29	56.2	39.7	0	126	0	-1.70	open	Adjusted 1/16
EW-16	12:52	16.4	17.8	0	76	0	-2.02	Closed	Opened 100% to get -DP reading
EW-17	10:23	55.7	35	0	113	0	-1.67	open	Adjusted 1/16
EW-18	12:48	32.2	20.4	0	73	0	-1.94	1/2 open	
EW-19	12:41	23.8	17.6	0	74	0	-1.46	1/2 open	
EW-20	11:35	42.4	25.3	0	94	0	-1.34	open	
EW-21	12:35	37.1	16.1	3	55	0	-0.60	Closed	Oxygen readings trending down.Retightene
EW-22	12:27	33.9	15.2	1.2	56	0	-0.56	Closed	Adjusted 3/31/09
PV-1	9:28	49.9	29.1	1.9	50	0	-1.98	NA	
PV-2	9:59	49.8	28.4	1.7	50	0	-1.30	NA	
PV-3	10:19	41.9	24.3	1.4	50	0	-1.39	NA	
PV-5	11:25	46.5	21.4	1.3	50	0	-1.46	NA	
PV-6	10:48	43	22.4	1.1	50	0	-1.43	NA	

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 24-Apr-09
Weather clear 66

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	10:43	35.2	20.2	1.5	104	0	2.00	NA	
EW-1	1:24	22.1	14.3	0	72	0	-1.31	Closed	
EW-2	1:17	16.6	15.3	0	73	0	-1.47	Closed	
EW-3	1:12	9.6	17.2	1.1	73	0	-2.10	Closed	
EW-4	11:52	60.2	27.6	0.2	71	0	-1.20	open	
EW-5	11:46	57.6	38.1	0	114	0	-1.28	open	
EW-6	11:38	32.1	14.7	0.1	83	0	-1.92	open	Adjusted 1/16
EW-7	12:41	55.1	36.4	0	68	0	-0.95	open slightly	
EW-8	12:47	57.2	25	0	100	0	-2.15	open	Adjusted 1/16
EW-9	12:58	48.4	23	0	97	0	-2.18	75% open	Adjusted 1/16
EW-10	1:10	19.7	17.8	0	72	0	-1.05	Closed	Adjusted 2/17
EW-11	2:04	22	16.4	0	74	0	-1.98	1/4 open	Adjusted today to 1/4 open
EW-12	2:00	28.1	18.1	0	85	0	-2.38	1/2 open	
EW-13	1:56	32.7	20.1	0	86	0	-2.30	1/2 open	
EW-14	1:52	25.9	14.9	0	74	0	-1.46	1/3 open	
EW-15	12:14	56	38.4	0	125	0	-1.60	open	Adjusted 1/16
EW-16	1:47	19.6	17.3	0	77	0	-1.70	Closed	Opened 100% to get -DP reading
EW-17	12:10	56.4	34.6	0	111	0	-1.46	open	Adjusted 1/16
EW-18	1:44	36.6	19.6	0	73	0	-1.99	1/2 open	
EW-19	1:40	27.2	17.2	0	75	0	-1.38	1/2 open	
EW-20	1:05	44.8	24.3	0	94	0	-1.15	open	
EW-21	1:36	32.7	13.5	2.2	74	0	-0.81	Closed	Oxygen trending down since last reading.
EW-22	1:23	27.1	10.4	0.8	74	0	-0.77	Closed	Adjusted 3/31/09
PV-1	11:43	35.2	18.5	2.7	66	0	-1.94	NA	
PV-2	11:49	53.5	28.6	0.4	66	0	-1.30	NA	
PV-3	12:05	46.5	25.3	0.6	66	0	-1.26	NA	
PV-5	12:54	44.9	17.4	0	66	0	-1.38	NA	
PV-6	12:35	47.3	23.5	0	66	0	-1.30	NA	

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 30-Apr-09
Weather cloudy 68

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	13:28	36.7	20.2	1.4	108	0	2.00	NA	
EW-1	11:36	22.7	14.4	0	64	0	-0.10	Closed	
EW-2	11:32	16.8	14.7	0	68	0	-0.38	Closed	
EW-3	11:29	9	16.9	1	70	0	-1.64	Closed	
EW-4	10:34	67.1	29.8	0.1	74	0	-0.50	open	
EW-5	10:26	56.1	37.6	0.5	112	0	-0.77	open	
EW-6	10:12	31.5	15.5	0	82	0	-1.25	open	Adjusted 1/16
EW-7	10:54	35.5	24.1	0.4	72	0	-0.22	open slightly	
EW-8	11:05	53.6	25.9	0.3	103	0	-1.48	open	Adjusted 1/16
EW-9	11:13	48.1	23.1	0	98	0	-0.48	75% open	Adjusted 1/16
EW-10	11:24	18.2	17.4	0	68	0	-0.21	Closed	Adjusted 2/17
EW-11	12:26	25	15.3	0.4	73	0	-1.16	1/4 open	Adjusted today to 1/4 open
EW-12	12:23	29.4	17.5	0	87	0	-1.63	1/2 open	
EW-13	12:18	34.1	18.5	0	88	0	-2.05	1/2 open	
EW-14	12:14	24.8	14.6	0	74	0	-1.18	1/3 open	
EW-15	10:50	57.5	40	0	127	0	-0.95	open	Adjusted 1/16
EW-16	12:10	17.8	16.5	0	77	0	-1.48	Closed	Opened 100% to get -DP reading
EW-17	10:46	56.7	36.2	0	113	0	-0.87	open	Adjusted 1/16
EW-18	12:05	35.4	19.5	0	73	0	-1.02	1/2 open	
EW-19	12:01	25.8	16.4	0	73	0	-1.00	1/2 open	
EW-20	11:19	45.6	24.9	0	95	0	-0.65	open	
EW-21	11:52	28.6	12.2	7.4	68	0	-0.02	Closed	
EW-22	11:41	36.1	14.9	1.5	65	0	0.00	Closed	Adjusted 3/31/09
PV-1	10:24	39.9	21.3	0.3	62	0	-1.25	NA	
PV-2	10:27	57	31.1	0.3	62	0	-0.62	NA	
PV-3	10:37	48.6	26.7	0.1	62	0	-0.65	NA	
PV-5	11:08	53.3	22.1	0.9	69	0	-0.68	NA	
PV-6	10:59	53.8	25.7	0.1	62	0	-0.61	NA	

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 8-May-09
Weather clear ambient temp 65

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet									
EW-1									
EW-2									
EW-3									
EW-4									
EW-5									
EW-6									
EW-7									
EW-8									
EW-9									
EW-10									
EW-11									
EW-12									
EW-13									
EW-14									
EW-15									
EW-16									
EW-17									
EW-18									
EW-19									
EW-20									
EW-21									
EW-22									
PV-1									
PV-2									
PV-3									
PV-5									
PV-6									
GMW-1	9:15	0.4	4	8	67	0	-0.02	NA	
GMW-2	9:30	0.5	0.3	20.4	79	0	0.00	NA	
GMW-3	9:53	0.6	6.1	9	77	0	0.00	NA	
GMW-4	10:09	0.7	2.9	16.4	75	0	0.00	NA	

Notes:

Inspector John Matthews
Weather clear ambient temp 65

Date: May 8, 2009
Location: Pelham Bay Landfill

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews
Weather Clear 72

Date 13-May-09

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet									
EW-1									
EW-2									
EW-3									
EW-4									
EW-5									
EW-6									
EW-7									
EW-8									
EW-9									
EW-10									
EW-11									
EW-12									
EW-13									
EW-14									
EW-15									
EW-16									
EW-17									
EW-18									
EW-19									
EW-20									
EW-21									
EW-22									
PV-1									
PV-2									
PV-3									
PV-5									
PV-6									
GMW-1	11:45	0.5	0.5	20.5	76	0	0.00	NA	
GMW-2	12:00	0.6	0.2	20.6	76	0	0.00	NA	
GMW-3	12:18	0.6	7.3	5.7	80	0	0.00	NA	
GMW-4	11:30	0.4	1.8	19.6	74	0	0.00	NA	

Notes:

Inspector John Matthews
Weather Clear 72

Date **5/13/2009**

860000

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector Ross Hibler **Date** 15-May-09
Weather Clear 75

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet									
EW-1									
EW-2									
EW-3									
EW-4									
EW-5									
EW-6									
EW-7									
EW-8									
EW-9									
EW-10									
EW-11									
EW-12									
EW-13									
EW-14									
EW-15									
EW-16									
EW-17									
EW-18									
EW-19									
EW-20									
EW-21									
EW-22									
PV-1									
PV-2									
PV-3									
PV-5									
PV-6									
GMW-1	12:20	0.4	0.4	20.3	78	0	0.00	NA	
GMW-2	12:35	0.6	0.2	20.4	77	0	0.00	NA	
GMW-3	12:55	0.5	6.7	9.8	78	0	0.00	NA	
GMW-4	12:00	0.3	1.3	20.4	75	0	0.00	NA	

Notes:
Inspector Ross Hibler **Date** 15-May-09
Weather Clear 75

660000

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 19-May-09
Weather Clear ambient temp 64

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet									
EW-1									
EW-2									
EW-3									
EW-4									
EW-5									
EW-6									
EW-7									
EW-8									
EW-9									
EW-10									
EW-11									
EW-12									
EW-13									
EW-14									
EW-15									
EW-16									
EW-17									
EW-18									
EW-19									
EW-20									
EW-21									
EW-22									
PV-1									
PV-2									
PV-3									
PV-5									
PV-6									
GMW-1	9:02	0.4	0.2	20.8	65	0	0.00	NA	
GMW-2	9:17	0.4	0.1	20.9	67	0	0.00	NA	
GMW-3	9:43	0.5	8.2	5.5	70	0	0.00	NA	
GMW-4	10:02	0.6	1.9	19.6	72	0	0.00	NA	

Notes:
Inspector John Matthews **Date** 19-May-09
Weather Clear ambient temp 64

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews
Weather clear ambient termp 78

Date 20-May-09

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	9:42	39.8	22.1	1.1	112	0	2.80	NA	
EW-1	12:58	24.4	12.2	0.1	85	0	-0.24	Closed	
EW-2	12:51	20.4	12.6	0.2	77	0	-0.81	Closed	
EW-3	12:47	15.1	15.8	0.2	77	0	-1.94	Closed	
EW-4	11:01	66.7	28.1	0.4	77	0	-0.80	open	
EW-5	10:41	58.2	38.3	0.2	112	0	-1.06	open	
EW-6	10:13	35.4	16.9	0	82	0	-1.52	open	Adjusted 1/16
EW-7	11:37	56.1	35.5	1.1	86	0	-0.69	open	Adjusted 5/11/09
EW-8	11:59	59.3	25.2	0	104	0	-1.83	open	Adjusted 1/16
EW-9	12:17	50.4	22.3	0	100	0	-2.02	open	Adjusted 5/5/09
EW-10	12:42	24.8	17.1	0	81	0	-0.37	Closed	Adjusted 2/17
EW-11	13:48	28.9	14.9	1	83	0	-1.31	1/4 open	
EW-12	13:41	32.2	16.4	0	92	0	-1.57	open	Adjusted 5/11/09
EW-13	13:36	38.2	17.7	0	91	0	-2.18	open	Adjusted 5/11/09
EW-14	13:30	29.6	14.1	0.2	77	0	-0.47	1/3 open	
EW-15	11:33	57.7	38.6	0	127	0	-1.32	open	Adjusted 1/16
EW-16	13:25	24.1	16.2	0	80	0	-1.72	Closed	
EW-17	11:20	58.1	35.5	0	118	0	-1.23	open	Adjusted 1/16
EW-18	13:21	41.5	19	0	77	0	-1.31	3/4 open	Adjusted 5/5/09
EW-19	13:17	32.2	6.1	0.3	78	0	-1.02	1/2 open	
EW-20	12:36	49.1	24.4	0.2	97	0	-0.92	open	
EW-21	13:13	23.8	7.9	11.2	95	0	-0.18	Closed	
EW-22	13:05	33.3	10.7	5.4	93	0	-0.48	Closed	Adjusted 5/20/09
PV-1	10:34	42.1	16.8	0.5	80	0	-1.58	NA	
PV-2	10:54	46.2	21.1	0.7	87	0	-0.91	NA	
PV-3	11:15	48.8	24.3	1.1	87	0	-0.97	NA	
PV-5	12:11	42.3	15.1	0.5	87	0	-1.02	NA	
PV-6	11:54	51.9	23.1	1.1	93	0	-0.41	NA	
GMW-1	14:21	0.9	0.5	18.3	82	0	0.00	NA	
GMW-2	14:32	0.9	0.3	19.1	81	0	0.00	NA	
GMW-3	14:08	1.3	3.1	9.2	88	0	0.00	NA	
GMW-4	14:52	1	1.3	17.4	83	0	0.00	NA	

Notes:

EW-22 was closed today due to the high o2 reading. Sample port and hoses were checked as well as valve area.

0001101

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 27-May-09
Weather cloudy/rain showers Ambient temp 65

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet									
EW-1									
EW-2									
EW-3									
EW-4									
EW-5									
EW-6									
EW-7									
EW-8									
EW-9									
EW-10									
EW-11									
EW-12									
EW-13									
EW-14									
EW-15									
EW-16									
EW-17									
EW-18									
EW-19									
EW-20									
EW-21									
EW-22									
PV-1									
PV-2									
PV-3									
PV-5									
PV-6									
GMW-1	9:00	0.8	0.4	17.9	70	0	-0.02	NA	
GMW-2	9:18	0.9	0.6	18.7	71	0	-0.02	NA	
GMW-3	9:44	1.1	2.7	10.7	77	0	-0.03	NA	
GMW-4	10:12	1.2	1.8	15.9	75	0	-0.04	NA	

Notes:
Inspector John Matthews **Date** 27-May-09
Weather cloudy/rain showers Ambient temp 65

000102

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 30-Jun-09
Weather Partly Sunny Humid 80's

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	6:38	29.3	20.5	1.6	112	0	3.00	Open	
EW-1	12:40	11.4	15.1	0	83	0	-0.92	Closed	
EW-2	12:30	10.9	14.8	0.1	82	0	-1.22	Closed	
EW-3	12:19	3.1	15.5	1.7	83	0	-2.91	Closed	
EW-4	14:02	63.1	29.8	0.4	82	0	-1.43	open	
EW-5	13:58	51.3	35.7	0	113	0	-1.50	open	
EW-6	13:56	32.7	13.2	0	84	0	-1.34	1/2 open	
EW-7	14:15	38.2	24	6.7	85	0	-0.99	Closed	Adjusted Today
EW-8	14:20	31.2	24.1	0.2	107	0	-2.64	open	
EW-9	14:31	45.4	21	0.1	102	0	-2.70	open	
EW-10	14:45	12.7	15.6	0	82	0	-2.32	1/2 open	
EW-11	13:46	15	14.1	1.2	86	0	-3.23	1/2 open	
EW-12	13:40	25.6	17	0	89	0	-3.48	1/2 open	
EW-13	13:33	24.1	17.7	0	87	0	-3.71	1/2 open	
EW-14	13:25	14.8	14.6	0.2	76	0	-2.55	1/2 open	
EW-15	14:11	55.4	38.4	0	124	0	-2.04	open	
EW-16	13:18	5	16.3	0	83	0	-1.84	Closed	Adjusted Today
EW-17	14:08	50.7	33.2	0	118	0	-1.77	open	
EW-18	13:10	16.1	18.3	0	78	0	-1.74	1/2 open	
EW-19	13:05	15.4	15.5	0.2	84	0	-1.69	1/2 open	
EW-20	13:51	44.5	22.7	0	100	0	-1.43	Open	Adjusted Today
EW-21	12:50	32.1	17	0.6	84	0	-1.02	Closed	
EW-22	13:00	17	6.4	10.9	83	0	-0.76	Closed	
PV-1									
PV-2									
PV-3									
PV-5									
PV-6									

Notes:
Inspector John Matthews **Date** 30-Jun-09
Weather cloudy 64

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 22-Jul-09
Weather sun Ambient temp 80

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	9:54	34.1	22.9	1.2	124	0	2.90	NA	
EW-1	2:33	11.3	13.9	0	81	0	-0.49	Closed	
EW-2	2:25	10	13.9	0	80	0	-0.73	Closed	
EW-3	2:18	7.3	15.4	0	77	0	-2.25	Closed	
EW-4	12:30	63.4	28.7	0.4	80	0	-1.16	open	
EW-5	12:05	52.6	36	0.1	118	0	-1.22	open	
EW-6	11:54	36.2	20.4	0.3	83	0	-1.09	1/2 open	
EW-7	1:10	46.9	28.9	3.8	89	0	-1.24	Closed	
EW-8	1:18	51.6	23.5	0	105	0	-2.12	open	
EW-9	1:49	45.9	21.2	0	100	0	-2.42	open	
EW-10	2:10	15.7	15.9	0	81	0	-2.31	1/2 open	
EW-11	3:34	15.3	14.7	0.9	86	0	-2.48	1/2 open	
EW-12	3:28	23.5	16.6	0	91	0	-2.73	1/2 open	
EW-13	3:22	23.8	17.4	0	87	0	-2.92	1/2 open	
EW-14	3:17	15.9	14.6	0	76	0	-1.88	1/2 open	
EW-15	12:58	55.4	34.5	0.1	128	0	-1.74	open	
EW-16	3:10	7.5	15.1	0.1	81	0	-1.77	Closed	
EW-17	12:47	53.3	33	0	118	0	-1.58	open	
EW-18	2:57	21.4	19.1	0	79	0	-1.34	1/2 open	
EW-19	2:50	16.9	16.7	0.2	80	0	-1.20	1/2 open	
EW-20	2:00	39.8	22.7	0	100	0	-1.43	Open	
EW-21	2:46	9.7	4.4	14.5	95	0	-0.41	Closed	
EW-22	2:40	17.5	8.6	7.6	92	0	-0.38	Closed	
PV-1	12:20	43.6	20.4	1.8	88	0	-1.14	NA	
PV-2	12:25	52.6	29.7	1.4	89	0	-1.22	NA	
PV-3	12:38	37.4	21.5	2.6	88	0	-1.35	NA	
PV-5	1:41	43.1	21.6	2	82	0	-1.17	NA	
PV-6	1:27	46.7	25	0.5	88	0	-1.13	NA	

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 10-Aug-09
Weather sun Ambient temp 88

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	7:12	24.2	20.4	1.7	116	0	3.00	NA	
EW-1	12:39	6.5	16.5	0	85	0	-0.38	Closed	
EW-2	12:31	5.8	15.4	0	84	0	-0.75	Closed	
EW-3	12:24	2.5	16.3	0	82	0	-2.30	Closed	
EW-4	11:02	63.5	29.5	0.4	87	0	-1.08	open	
EW-5	10:59	44.5	34.3	0.1	119	0	-1.34	open	
EW-6	12:07	23.8	14	0	84	0	-1.25	1/2 open	
EW-7	11:30	41.6	25.9	5.6	97	0	-1.36	Closed	
EW-8	11:36	44.7	23.2	0.4	106	0	-1.84	open	
EW-9	11:58	39.7	20.8	0	101	0	-2.40	open	
EW-10	12:19	8.8	15.9	0	82	0	-2.42	Closed	Adjusted today
EW-11	1:32	9.2	15	1.1	89	0	-2.57	Closed	Adjusted today
EW-12	1:25	20	17.5	0	89	0	-2.83	1/2 open	
EW-13	1:19	18.9	18.4	0	87	0	-3.03	1/2 open	
EW-14	1:14	11.2	13.7	0	82	0	-1.46	1/2 open	
EW-15	11:25	49.8	31.5	0	130	0	-1.60	open	
EW-16	1:08	8	15.6	0	86	0	-1.38	Closed	
EW-17	11:20	44.9	31.9	0	119	0	-1.71	open	
EW-18	1:02	19.3	18.4	0	82	0	-1.32	1/2 open	
EW-19	12:55	15.7	14.1	0	80	0	-1.21	1/2 open	
EW-20	12:13	29.6	21.7	0	101	0	-1.60	Open	
EW-21	12:49	22	16	1.1	86	0	-0.27	Closed	
EW-22	12:44	8.9	3.8	14.9	98	0	-0.48	Closed	
PV-1	10:53	25.4	17.7	2.3	88	0	-2.17	NA	
PV-2	11:08	51.1	34.1	0.2	88	0	-1.30	NA	
PV-3	11:13	34.1	23.3	0.7	88	0	-1.42	NA	
PV-5	11:51	32.7	21.8	0.6	89	0	-1.39	NA	
PV-6	11:45	34.9	23	1	89	0	-1.50	NA	

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Signature** **Date: 9/2/2009**
Weather sun/clouds Ambient air 71

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	6:35	26.9	23.4	0.8	106	0	2.90	NA	
EW-1	10:29	7.9	16.5	0	76	0	-0.56	Closed	
EW-2	10:24	6	15.3	0	74	0	-1.03	Closed	
EW-3	10:19	3.3	16.4	0	74	0	-1.23	Closed	
EW-4	9:13	60.5	30.2	0.2	76	0	-1.32	open	
EW-5	9:03	43.4	33.9	0.1	119	0	-1.69	open	
EW-6	8:55	22.1	16.8	0.3	81	0	-1.22	1/2 open	
EW-7	9:33	25.3	15.7	11.6	75	0	-1.03	Closed	
EW-8	9:38	44.1	23.2	0	105	0	-2.64	open	
EW-9	9:57	37.5	20.8	0	100	0	-2.72	open	
EW-10	10:15	7.9	17.1	0	78	0	-2.25	Closed	
EW-11	11:15	9.5	14.2	1	79	0	-2.43	Closed	
EW-12	11:06	19.2	17.5	0	88	0	-3.27	1/2 open	
EW-13	11:02	19.3	18.6	0	85	0	-3.49	1/2 open	
EW-14	10:54	10.8	14.2	0	82	0	-2.04	1/2 open	
EW-15	9:26	45.1	36.7	0	128	0	-2.10	open	
EW-16	10:56	9.8	14.6	0	77	0	-1.87	Closed	
EW-17	9:22	44.1	32.2	0	115	0	-1.78	open	
EW-18	10:51	18.9	18	0	80	0	-1.35	1/2 open	
EW-19	10:52	10.2	17.1	0.2	77	0	-1.41	1/2 open	
EW-20	10:07	27.8	22.1	0	99	0	-1.83	Open	
EW-21	10:49	1	6	13	78	0	-0.63	Closed	
EW-22	10:36	5.1	4.7	13	74	0	-0.53	Closed	
PV-1	10:04	23.4	18.5	1.2	81	0	-2.23	na	
PV-2	9:10	43.7	31.3	0.7	77	0	-1.33	na	
PV-3	9:19	33.7	25.9	0.3	72	0	-1.45	na	
PV-5	9:53	34.1	21.6	1	82	0	-1.51	na	
PV-6	9:50	37.1	24.5	1	77	0	-1.50	na	

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 3-Nov-09
Weather sun/clouds Ambient temp 58

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	9:15	32.2	22.5	0	103	0	2.50	NA	
EW-1	12:20	18.5	16.2	0	67	0	0.02	Closed	
EW-2	12:15	13.1	14.4	0	73	0	-0.23	Closed	
EW-3	12:10	7.2	17.6	0	73	0	-1.86	Closed	
EW-4	11:20	64.7	31.5	0	79	0	-0.73	open	
EW-5	13:05	52.7	37.6	0	117	0	-1.10	open	
EW-6	10:49	26.5	16.1	0	81	0	-0.88	1/2 open	
EW-7	11:39	59.1	40	0	62	0	-0.31	Closed	
EW-8	11:45	49.2	24.7	0	105	0	-2.01	open	
EW-9	12:04	39.5	22.3	0	98	0	-2.14	open	
EW-10	13:48	15.2	16.5	0	76	0	-2.96	Closed	
EW-11	13:42	7.8	11.6	3.5	75	0	-2.42	Closed	
EW-12	13:37	25.6	18	0	88	0	-2.43	1/2 open	
EW-13	13:26	28.9	19.8	0	86	0	-2.53	1/2 open	
EW-14	13:20	19.1	16.5	0	73	0	-1.48	1/2 open	
EW-15	11:35	51.6	39.2	0	127	0	-1.52	open	
EW-16	13:12	18.2	14.6	0	74	0	-1.39	Closed	
EW-17	11:30	49.4	35.6	0	112	0	-1.25	open	
EW-18	13:03	28.1	19.6	0	74	0	-0.86	1/2 open	
EW-19	12:45	20.2	17.9	0	76	0	-0.75	1/2 open	
EW-20	13:56	37.1	24.6	0	99	0	-0.97	Open	
EW-21	12:34	30.8	16.3	0	65	0	0.10	Closed	
EW-22	12:25	20.4	12.1	3.1	65	0	0.11	Closed	
PV-1	11:00	31.6	19.6	0	66	0	-1.62	na	
PV-2	11:10	43.7	27.8	0.4	65	0	-0.83	na	
PV-3	11:25	42.2	27.5	0	64	0	-0.90	na	
PV-5	11:59	47.4	23.7	0	62	0	-1.22	na	
PV-6	11:50	46.7	26.8	0	62	0	-1.06	na	

Notes:

There was a positive Differential Pressure observed at EW 1, 21, and 22. These wells are closed. The cause is being looked into.

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 19-Nov-09
Weather cloudy w/rain showers 52 on 11/19, on 11/24 clear 50

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	12:20	32.6	20.9	0	94	0	2.42	NA	
EW-1	13:19	18.5	16.3	0	64	0	0.02	Closed	
EW-2	13:14	13.9	14.2	0	73	0	-0.18	Closed	
EW-3	13:04	4.6	16.8	0.2	72	0	-1.95	Closed	
EW-4	8:40	65	30.1	0	75	0	-1.57	open	24-Nov
EW-5	8:27	50.7	34.6	0	116	0	-1.84	open	24-Nov
EW-6	8:17	28.4	15.4	0	78	0	-1.39	1/2 open	24-Nov
EW-7	9:03	41.5	28.7	3.8	53	0	-1.20	Closed	24-Nov
EW-8	9:08	48.2	23.8	0	104	0	-2.98	open	24-Nov
EW-9	9:27	39.2	21.4	0	99	0	-3.21	open	24-Nov
EW-10	8:04	13.6	16.5	0	76	0	-3.82	Closed	24-Nov
EW-11	14:07	7.9	9.8	5.4	72	0	-2.14	Closed	
EW-12	14:01	25.5	17.4	0	86	0	-2.40	1/2 open	
EW-13	13:57	27.7	18.6	0	85	0	-2.54	1/2 open	
EW-14	13:53	17.4	16.1	0	72	0	-1.50	1/2 open	
EW-15	8:57	53.3	37.4	0	126	0	-2.40	open	24-Nov
EW-16	13:47	16.9	15	0	75	0	-1.17	Closed	
EW-17	8:48	49.3	33.5	0	112	0	-2.10	open	24-Nov
EW-18	13:41	25.8	18.8	0	74	0	-0.87	1/2 open	
EW-19	13:36	19.8	16.8	0	75	0	-0.75	1/2 open	
EW-20	8:11	40.1	23.6	0	97	0	-1.64	Open	24-Nov
EW-21	13:31	32.5	16.9	0	56	0	0.16	Closed	
EW-22	13:25	26.8	15.2	0	54	0	0.06	Closed	
PV-1	8:22	31.5	18.5	0	51	0	-2.38	na	24-Nov
PV-2	8:33	52.7	30.1	0	52	0	-1.53	na	24-Nov
PV-3	8:44	41.7	25.8	0	50	0	-1.74	na	24-Nov
PV-5	9:24	23.2	0	0	54	0	-2.11	na	24-Nov
PV-6	9:19	42.6	24.3	0	54	0	-1.86	na	24-Nov

Notes:

There was a positive Differential Pressure observed at EW 1, 21, and 22. These wells are closed. The cause is being looked into.

LFG-2
MONTHLY MONITORING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL
REFERENCE VOLUME III SECTION 5

Inspector John Matthews **Date** 28-Dec-09
Weather sun/clouds 41

Location	Time	Concentration by % volume			Temp	Static Pressure	Pressure Differential	Valve Position	Remarks
		Methane	CO_2	O_2					
Flare Inlet	8:57	42.6	25.3	0.9	76	0	2.30	NA	
EW-1	10:40	17.7	16.3	0.2	51	0	0.32	Closed	
EW-2	10:33	15.2	14.1	0	67	0	0.04	Closed	
EW-3	10:20	9.8	17.6	0.1	52	0	-1.57	Closed	
EW-4	12:19	61.9	33.3	0	74	0	-0.35	open	
EW-5	12:28	49.2	37.1	0.1	116	0	-0.71	open	
EW-6	12:03	39.7	23.1	0	76	0	-0.20	1/2 open	
EW-7	12:54	60.1	39.7	0	40	0	0.18	Closed	
EW-8	13:03	43.7	23.1	2.2	104	0	-1.77	open	
EW-9	13:08	37.9	22.4	1	98	0	-1.70	open	
EW-10	11:47	24.7	21.5	0	71	0	-2.67	Closed	
EW-11	11:40	6	12.8	2.8	65	0	-1.94	Closed	
EW-12	11:25	0	0	20.2	85	0	-1.95	1/2 open	Adjusted today to Closed
EW-13	11:19	25.8	20.1	0.7	85	0	-2.02	1/2 open	
EW-14	11:12	28	19.3	0.5	71	0	-1.06	1/2 open	
EW-15	12:48	48.4	38.1	1.1	125	0	-1.26	open	
EW-16	11:06	14.8	15	0.5	74	0	-1.03	Closed	
EW-17	12:10	50	35.8	0.2	114	0	-0.55	open	
EW-18	11:00	36.9	24.1	0.4	70	0	-0.45	1/2 open	
EW-19	10:55	33.6	23.1	0.3	71	0	-0.40	1/2 open	
EW-20	11:57	42.2	26.5	0	92	0	-0.68	Open	
EW-21	10:51	34.6	18.7	0	41	0	0.33	Closed	
EW-22	10:45	26.5	15.5	0	42	0	0.38	Closed	
PV-1	12:33	32.3	18.4	2.5	42	0	-1.16	na	
PV-2	12:24	58.4	32.9	0	40	0	-0.18	na	
PV-3	12:14	49.1	29	0	40	0	-0.41	na	
PV-5	12:38	47.7	23.2	0.8	42	0	-0.92	na	
PV-6	12:42	48.5	27.8	0.5	41	0	-0.65	na	

Notes:

FORM LFG-3
QUARTERLY CHECKLIST
GAS COLLECTION SYSTEM, BELOW GROUND PIPING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX NEW YORK
(REFERENCE VOLUME 1 FIGURE 2-11)

DATE: 6/30/08 INITIALS: RH,

	S	NS
PERFORATED HORIZONTAL GAS COLLECTION		
• TOP OF LANFILL, HORIZONAL GAS COLLECTION	X	
• BOTTOM OF LANFILL, HORIZONTAL GAS COLLECTION	X	
LATERALS SOLID PIPING		
• FROM EW-4 TO EW-10 AND MAIN HEADER	X	
• FROM EW-7 TO EW-10	X	
• FROM EW-11 TO MAIN HEADER	X	
• FROM EW-12 TO MAIN HEADER	X	
• FROM EW-13 TO MAIN HEADER	X	
• FROM EW-14 TO MAIN HEADER	X	
• FROM EW-15 TO MAIN HEADER	X	
• FROM EW-17 TO MAIN HEADER	X	
• FROM EW-20 TO MAIN HEADER	X	
MAIN HEADER SOLID PIPING		
• FROM VB-1 TO VB-2	X	
• FROM VB-2 TO VB-3 AND VB-6	X	
• FROM VB-1 TO VB-5	X	
• FROM VB-5 TO VB-4 AND VB-6	X	
• FROM VB-6 TO FLARE STATION	X	

** DP-1 need to pump out water from valve boxes.

Notes:

1. The inspection or the belowground gas collection and conveyance piping from well head to flare station the operator shall check for pipe settlement, landfill gas leak and any exposed piping.

2. Use an "S" check box to indicate that the specific item has been inspected and no problems were noted.

3. Use "NS" (not satisfactory) where problems are noted, and provide a description of the deficiency problem on Form DP-1. Attach additional sheets if necessary.

FORM LFG-3
QUARTERLY CHECKLIST
GAS COLLECTION SYSTEM, BELOW GROUND PIPING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX NEW YORK
(REFERENCE VOLUME 1 FIGURE 2-11)

DATE: 3/17/08 INITIALS: RH.

	S	NS
PERFORATED HORIZONTAL GAS COLLECTION		
• TOP OF LANFILL, HORIZONAL GAS COLLECTION		X
• BOTTOM OF LANFILL, HORIZONTAL GAS COLLECTION	X	
LATERALS SOLID PIPING		
• FROM EW-4 TO EW-10 AND MAIN HEADER	X	
• FROM EW-7 TO EW-10	X	
• FROM EW-11 TO MAIN HEADER	X	
• FROM EW-12 TO MAIN HEADER	X	
• FROM EW-13 TO MAIN HEADER	X	
• FROM EW-14 TO MAIN HEADER	X	
• FROM EW-15 TO MAIN HEADER	X	
• FROM EW-17 TO MAIN HEADER	X	
• FROM EW-20 TO MAIN HEADER	X	
MAIN HEADER SOLID PIPING		
• FROM VB-1 TO VB-2	X	
• FROM VB-2 TO VB-3 AND VB-6	X	
• FROM VB-1 TO VB-5	X	
• FROM VB-5 TO VB-4 AND VB-6	X	
• FROM VB-6 TO FLARE STATION	X	

** DP-1 need to pump out water from valve boxes.

Notes:

1. The inspection or the belowground gas collection and conveyance piping from well head to flare station the operator shall check for pipe settlement, landfill gas leak and any exposed piping.

2. Use an "S" check box to indicate that the specific item has been inspected and no problems were noted.

3. Use "NS" (not satisfactory) where problems are noted, and provide a description of the deficiency problem on Form DP-1. Attach additional sheets if necessary.

FORM LFG-3
QUARTERLY CHECKLIST
GAS COLLECTION SYSTEM, BELOW GROUND PIPING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX NEW YORK
(REFERENCE VOLUME 1 FIGURE 2-11)

DATE: 9/29/09 INSPECTOR: John Matthews

	S	NS
PERFORATED HORIZONTAL GAS COLLECTION		
• TOP OF LANFILL, HORIZONAL GAS COLLECTION	X	
• BOTTOM OF LANFILL, HORIZONTAL GAS COLLECTION	X	
LATERALS SOLID PIPING		
• FROM EW-4 TO EW-10 AND MAIN HEADER	X	
• FROM EW-7 TO EW-10	X	
• FROM EW-11 TO MAIN HEADER	X	
• FROM EW-12 TO MAIN HEADER	X	
• FROM EW-13 TO MAIN HEADER	X	
• FROM EW-14 TO MAIN HEADER	X	
• FROM EW-15 TO MAIN HEADER	X	
• FROM EW-17 TO MAIN HEADER	X	
• FROM EW-20 TO MAIN HEADER	X	
MAIN HEADER SOLID PIPING		
• FROM VB-1 TO VB-2	X	
• FROM VB-2 TO VB-3 AND VB-6	X	
• FROM VB-1 TO VB-5	X	
• FROM VB-5 TO VB-4 AND VB-6	X	
• FROM VB-6 TO FLARE STATION	X	

VB 1-6 Full of water

Notes:

1. The inspection or the belowground gas collection and conveyance piping from well head to flare station the operator shall check for pipe settlement, landfill gas leak and any exposed piping.

2. Use an "S" check box to indicate that the specific item has been inspected and no problems were noted.

3. Use "NS" (not satisfactory) where problems are noted, and provide a description of the deficiency problem on Form DP-1. Attach additional sheets if necessary.

Inspector Signature:

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
LFG-3	Valve boxes	Water in side	Pumped out all water. The problem is corrected.

DATE: 9/28/09 INSPECTED BY: John Matthews

SIGNATURE :

FORM LFG-3
QUARTERLY CHECKLIST
GAS COLLECTION SYSTEM, BELOW GROUND PIPING
LANDFILL GAS MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX NEW YORK
(REFERENCE VOLUME 1 FIGURE 2-11)

DATE: 12/1/09 INITIALS: RH,

	S	NS
PERFORATED HORIZONTAL GAS COLLECTION		
• TOP OF LANFILL, HORIZONAL GAS COLLECTION	X	
• BOTTOM OF LANFILL, HORIZONTAL GAS COLLECTION	X	
LATERALS SOLID PIPING		
• FROM EW-4 TO EW-10 AND MAIN HEADER	X	
• FROM EW-7 TO EW-10	X	
• FROM EW-11 TO MAIN HEADER	X	
• FROM EW-12 TO MAIN HEADER	X	
• FROM EW-13 TO MAIN HEADER	X	
• FROM EW-14 TO MAIN HEADER	X	
• FROM EW-15 TO MAIN HEADER	X	
• FROM EW-17 TO MAIN HEADER	X	
• FROM EW-20 TO MAIN HEADER	X	
MAIN HEADER SOLID PIPING		
• FROM VB-1 TO VB-2	X	
• FROM VB-2 TO VB-3 AND VB-6	X	
• FROM VB-1 TO VB-5	X	
• FROM VB-5 TO VB-4 AND VB-6	X	
• FROM VB-6 TO FLARE STATION	X	

Notes:

1. The inspection or the belowground gas collection and conveyance piping from well head to flare station the operator shall check for pipe settlement, landfill gas leak and any exposed piping.

2. Use an "S" check box to indicate that the specific item has been inspected and no problems were noted.

3. Use "NS" (not satisfactory) where problems are noted, and provide a description of the deficiency problem on Form DP-1. Attach additional sheets if necessary.

Appendix G

Stormwater Management System Monitoring Inspections

FORM SMS-1
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figures 2-2 and 2-3

Item	Item	Zone Number													
	Title	1	2	3	4	5	6	7	8	9	10	11	12	13	14
No.	**Drainage Ditch Road A**														
1	Overgrown Vegetation	OK	OK	OK	NS	NS	NS	NS	NS						
2	Standing Water	OK	OK	NS	OK	NS	NS	OK	OK						
3	Sediments and Debris	OK	OK	OK	OK	NS	NS	OK	OK						
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK						
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK						
6	Culvert Road A to Road B								OK						
7	Flapgate at 6" pipe Outlet														
	Drainage Ditch, Road B														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	NS	NS	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B - Road B[2]								OK						
	Drainage Ditch, Road B[2]														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	OK	OK	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B[2] - Road C								OK						
	Drainage Ditch, Road C														
1	Overgrown Vegetation	OK								OK	OK	OK	OK	OK	OK
2	Standing Water	OK								OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK								OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK								OK	OK	OK	OK	OK	OK
5	Sinkholes	OK								OK	OK	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date: 3/23/09 Initials: RH

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-1	zone		
Road A	4-8	Over grown vegetation in swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	3, 5-6	Standing water in swale	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	5-6	Sediment and debris	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B	5-9	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B2	5-7	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.

DATE:3/23/09 INSPECTED BY: RH

FORM SMS-1
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Item	Item	Zone Number													
	Title	1	2	3	4	5	6	7	8	9	10	11	12	13	14
No.	**Drainage Ditch Road A**														
1	Overgrown Vegetation	OK	OK	OK	NS	NS	NS	NS	NS						
2	Standing Water	OK	OK	NS	OK	OK	OK	OK	OK						
3	Sediments and Debris	OK	OK	OK	OK	NS	NS	OK	OK						
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK						
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK						
6	Culvert Road A to Road B								OK						
7	Flapgate at 6" pipe Outlet														
	Drainage Ditch, Road B														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	NS	NS	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B - Road B^2								OK						
	Drainage Ditch, Road B^2														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	OK	OK	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B^2 - Road C								OK						
	Drainage Ditch, Road C														
1	Overgrown Vegetation	OK								OK	OK	OK	OK	OK	OK
2	Standing Water	OK								OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK								OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK								OK	OK	OK	OK	OK	OK
5	Sinkholes	OK								OK	OK	OK	OK	OK	OK

Notes:

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:4/28/2009 Initials: JM

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-1	zone		
Road A	4-8	Over grown vegetation in swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	3	Standing water in swale	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	5-6	Sediment and debris	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B	5-9	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B2	5-7	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.

DATE:4/28/09 INSPECTED BY: RH

FORM SMS-1
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Item	Item	Zone Number												
	Title	1	2	3	4	5	6	7	8	9	10	11	12	13	14
No.	**Drainage Ditch Road A**														
1	Overgrown Vegetation	OK	OK	OK	NS	NS	NS	NS	NS						
2	Standing Water	OK	OK	NS	OK	OK	OK	OK	OK						
3	Sediments and Debris	OK	OK	OK	OK	NS	NS	OK	OK						
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK						
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK						
6	Culvert Road A to Road B								OK						
7	Flapgate at 6" pipe Outlet														
	Drainage Ditch, Road B														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	NS	NS	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B - Road B[2]								OK						
	Drainage Ditch, Road B[2]														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	OK	OK	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B[2] - Road C								OK						
	Drainage Ditch, Road C														
1	Overgrown Vegetation	OK								OK	OK	OK	OK	OK	OK
2	Standing Water	OK								OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK								OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK								OK	OK	OK	OK	OK	OK
5	Sinkholes	OK								OK	OK	OK	OK	OK	OK

Notes:

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:5/22/2009 Initials: JM

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-1	zone		
Road A	4-8	Over grown vegetation in swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	3	Standing water in swale	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	5-6	Sediment and debris	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B	5-9	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B2	5-7	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.

DATE:5/22/09 INSPECTED BY: JM

FORM SMS-1
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Item	Item	Zone Number													
	Title	1	2	3	4	5	6	7	8	9	10	11	12	13	14
No.	**Drainage Ditch Road A**														
1	Overgrown Vegetation	OK	OK	OK	NS	NS	NS	NS	NS						
2	Standing Water	OK	OK	NS	OK	OK	OK	OK	OK						
3	Sediments and Debris	OK	OK	OK	OK	NS	NS	OK	OK						
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK						
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK						
6	Culvert Road A to Road B								OK						
7	Flapgate at 6" pipe Outlet														
	Drainage Ditch, Road B														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	NS	NS	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B - Road B^2								OK						
	Drainage Ditch, Road B^2														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	OK	OK	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B^2 - Road C								OK						
	Drainage Ditch, Road C														
1	Overgrown Vegetation	NS								NS	NS	NS	NS	NS	NS
2	Standing Water	OK								OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK								OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK								OK	OK	OK	OK	OK	OK
5	Sinkholes	OK								OK	OK	OK	OK	OK	OK

Notes:

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:6/22/2009 Initials: JM

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-1	zone		
Road A	4-8	Over grown vegetation in swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	3	Standing water in swale	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	5-6	Sediment and debris	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B	5-9	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B2	5-7	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road C	All Sectors	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.

DATE:6/22//09

INSPECTED BY: JM

FORM SMS-1
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figures 2-2 and 2-3

Item	Item	Zone Number													
	Title	1	2	3	4	5	6	7	8	9	10	11	12	13	14
No.	**Drainage Ditch Road A**														
1	Overgrown Vegetation	OK	OK	OK	NS	NS	NS	NS	NS						
2	Standing Water	OK	OK	NS	OK	OK	OK	OK	OK						
3	Sediments and Debris	OK	OK	OK	OK	NS	NS	OK	OK						
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK						
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK						
6	Culvert Road A to Road B								OK						
7	Flapgate at 6" pipe Outlet														
	Drainage Ditch, Road B														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	NS	NS	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B - Road B^2								OK						
	Drainage Ditch, Road B^2														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	OK	OK	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B^2 - Road C								OK						
	Drainage Ditch, Road C														
1	Overgrown Vegetation	OK								OK	OK	OK	OK	OK	OK
2	Standing Water	OK								OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK								OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK								OK	OK	OK	OK	OK	OK
5	Sinkholes	OK								OK	OK	OK	OK	OK	OK

Notes:

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:7/31/2009 Initials: JM

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-1	zone		
Road A	4-8	Over grown vegetation in swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	3	Standing water in swale	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	5-6	Sediment and debris	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B	5-9	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B2	5-7	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.

DATE: 7/31//09 INSPECTED BY: JM

FORM SMS-1
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Item No.	Item Title	Zone Number 1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Drainage Ditch Road A														
1	Overgrown Vegetation	OK	OK	OK	NS	NS	NS	NS	NS						
2	Standing Water	OK	OK	NS	OK	OK	OK	OK	OK						
3	Sediments and Debris	OK	OK	OK	OK	NS	NS	OK	OK						
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK						
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK						
6	Culvert Road A to Road B								OK						
7	Flapgate at 6" pipe Outlet														
	Drainage Ditch, Road B														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	NS	NS	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B - Road B[2]								OK						
	Drainage Ditch, Road B[2]														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	OK	OK	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B[2] - Road C								OK						
	Drainage Ditch, Road C														
1	Overgrown Vegetation	OK								OK	OK	OK	OK	OK	OK
2	Standing Water	OK								OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK								OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK								OK	OK	OK	OK	OK	OK
5	Sinkholes	OK								OK	OK	OK	OK	OK	OK

Notes:

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:8/5/09 Initials: JM

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-1	zone		
Road A	4-8	Over grown vegetation in swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	3	Standing water in swale	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	5-6	Sediment and debris	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B	5-9	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B2	5-7	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.

DATE: 8/5//09

INSPECTED BY: JM

FORM SMS-1
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Item	Item Title	Zone Number													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
No.	**Drainage Ditch Road A**														
1	Overgrown Vegetation	OK	OK	OK	NS	NS	NS	NS	NS						
2	Standing Water	OK	OK	NS	OK	OK	OK	OK	OK						
3	Sediments and Debris	OK	OK	OK	OK	NS	NS	OK	OK						
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK						
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK						
6	Culvert Road A to Road B								OK						
7	Flapgate at 6" pipe Outlet														
	Drainage Ditch, Road B														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	NS	NS	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B - Road B^2								OK						
	Drainage Ditch, Road B^2														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	OK	OK	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B^2 - Road C								OK						
	Drainage Ditch, Road C														
1	Overgrown Vegetation	OK								OK	OK	OK	OK	OK	OK
2	Standing Water	OK								OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK								OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK								OK	OK	OK	OK	OK	OK
5	Sinkholes	OK								OK	OK	OK	OK	OK	OK

Notes:

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:9/30/2009 Inspector : John Matthews

Signature :

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-1	zone		
Road A	4-8	Over grown vegetation in swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	3	Standing water in swale	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
	5-6	Sediment and debris	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B	5-9	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.
Road B2	5-7	Over grown vegetation in all swales	The target to begin the swale cleanouts has been rescheduled to begin after the completion of the Landfill gas extraction well balancing issues have been completed.

DATE: 9/30//09

INSPECTED BY: John Matthews

SIGNATURE:

FORM SMS-1
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figures 2-2 and 2-3

Item	Item	Zone Number													
	Title	1	2	3	4	5	6	7	8	9	10	11	12	13	14
No.	**Drainage Ditch Road A**														
1	Overgrown Vegetation	OK	OK	OK	NS	NS	NS	NS	NS						
2	Standing Water	OK	OK	NS	OK	OK	OK	OK	OK						
3	Sediments and Debris	OK	OK	OK	OK	NS	NS	OK	OK						
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK						
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK						
6	Culvert Road A to Road B								OK						
7	Flapgate at 6" pipe Outlet														
	Drainage Ditch, Road B														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	NS	NS	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B - Road B[2]								OK						
	Drainage Ditch, Road B[2]														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	OK	OK	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B[2] - Road C								OK						
	Drainage Ditch, Road C														
1	Overgrown Vegetation	OK								OK	OK	OK	OK	OK	OK
2	Standing Water	OK								OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK								OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK								OK	OK	OK	OK	OK	OK
5	Sinkholes	OK								OK	OK	OK	OK	OK	OK

Notes:

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:10/29/2009 Initials: JM Signature:_____

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-1	zone		
Road A	4-8	Over grown vegetation in swales	The swail cleanout is on going. The vegetation has been mowed and the tree cuttings are being scheduled.
	3	Standing water in swale	The removal is being scheduled.
	5-6	Sediment and debris	The sediment and debris removal is being scheduled.
Road B	5-9	Over grown vegetation in all swales	The swail cleanout is on going. The vegetation has been mowed and the tree cuttings are being scheduled.
Road B2	5-7	Over grown vegetation in all swales	The swail cleanout is on going. The vegetation has been mowed and the tree cuttings are being scheduled.

DATE: 10/29//09 INSPECTED BY: JM

FORM SMS-1
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figures 2-2 and 2-3

Item	Item	Zone Number													
	Title	1	2	3	4	5	6	7	8	9	10	11	12	13	14
No.	**Drainage Ditch Road A**														
1	Overgrown Vegetation	OK	OK	OK	NS	NS	NS	NS	NS						
2	Standing Water	OK	OK	NS	OK	OK	OK	OK	OK						
3	Sediments and Debris	OK	OK	OK	OK	NS	NS	OK	OK						
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK						
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK						
6	Culvert Road A to Road B								OK						
7	Flapgate at 6" pipe Outlet														
	Drainage Ditch, Road B														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	NS	NS	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B - Road B[2]								OK						
	Drainage Ditch, Road B[2]														
1	Overgrown Vegetation	OK	OK	OK	OK	NS	NS	NS	OK	OK	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B[2] - Road C								OK						
	Drainage Ditch, Road C														
1	Overgrown Vegetation	OK								OK	OK	OK	OK	OK	OK
2	Standing Water	OK								OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK								OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK								OK	OK	OK	OK	OK	OK
5	Sinkholes	OK								OK	OK	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:11/23/2009 Initials: JM

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-1	zone		
Road A	4-8	Over grown vegetation in swales	The swail cleanout is on going. The vegetation has been mowed and the tree cuttings are being scheduled.
	3	Standing water in swale	The removal is being scheduled.
	5-6	Sediment and debris	The sediment and debris removal is being scheduled.
Road B	5-9	Over grown vegetation in all swales	The swail cleanout is on going. The vegetation has been mowed and the tree cuttings are being scheduled.
Road B2	5-7	Over grown vegetation in all swales	The swail cleanout is on going. The vegetation has been mowed and the tree cuttings are being scheduled.

DATE: 11/23//09 INSPECTED BY: JM

FORM SMS-1
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figures 2-2 and 2-3

Item	Item Title	Zone Number													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
No.	**Drainage Ditch Road A**														
1	Overgrown Vegetation	OK	OK	OK	OK	OK	NS	NS	OK						
2	Standing Water	OK	OK	OK	OK	OK	NS	NS	OK						
3	Sediments and Debris	OK	OK	OK	OK	NS	NS	OK	OK						
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK						
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK						
6	Culvert Road A to Road B								OK						
7	Flapgate at 6" pipe Outlet														
	Drainage Ditch, Road B														
1	Overgrown Vegetation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B - Road B[2]								OK						
	Drainage Ditch, Road B[2]														
1	Overgrown Vegetation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
2	Standing Water	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
3	Sediments and Debris	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
4	Erosion/Washouts	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
5	Sinkholes	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK		
6	Culvert Road B[2] - Road C								OK						
	Drainage Ditch, Road C														
1	Overgrown Vegetation	OK								OK	OK	OK	OK	OK	OK
2	Standing Water	OK								OK	OK	OK	OK	OK	OK
3	Sediments and Debris	OK								OK	OK	OK	OK	OK	OK
4	Erosion/Washouts	OK								OK	OK	OK	OK	OK	OK
5	Sinkholes	OK								OK	OK	OK	OK	OK	OK

Notes:

1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:12/2/2009 Initials: RH

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-1	zone		
Road A	6-7	Over grown vegetation in swale. Observed standing water	Being scheduled
			.

DATE: 12/2/09 INSPECTED BY: RH

FORM SMS-2
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figures 2-2 and 2-3

Stormwater Collection Manholes (SP Series)												
Item No.	Item Title	Manhole Number										
		SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8	SP9	SP10	SP11
1	Trashracks	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Pipe Connections to Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Flow From 8" HDPE Inlets	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Debris/Silt Blockage in 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Settlement Along 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Settlement Around Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Baffles Inside Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Pond Collection Manholes (CP Series)						
Item No.	Item Title	Manhole Number				
		CP1	CP2	CP3	CP4	CP5
1	Grates	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK
3	Flow Through Manhole	OK	OK	OK	OK	OK
4	Settlement Above 30" Pipe	OK	OK	OK	OK	OK

Baffled Outlets (BO Series)					
Item No.	Item Title	Manhole Number			
		BO1	BO2	BO3	BO4
1	Silt Accumulation	OK	OK	OK	OK
2	Connection to 24" Pipe	OK	OK	OK	OK
3	Erosion Around Structure	OK	OK	OK	OK
4	Spalling, Cracking, etc.	OK	OK	OK	OK
5	Weep Holes	OK	OK	OK	OK
6	Guard Rails	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:March 23 2009 Initials: RH

FORM SMS-2
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Stormwater Collection Manholes (SP Series)												
Item No.	Item Title	Manhole Number										
		SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8	SP9	SP10	SP11
1	Trashracks	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Pipe Connections to Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Flow From 8" HDPE Inlets	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Debris/Silt Blockage in 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Settlement Along 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Settlement Around Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Baffles Inside Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Pond Collection Manholes (CP Series)						
Item No.	Item Title	Manhole Number				
		CP1	CP2	CP3	CP4	CP5
1	Grates	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK
3	Flow Through Manhole	OK	OK	OK	OK	OK
4	Settlement Above 30" Pipe	OK	OK	OK	OK	OK

Baffled Outlets (BO Series)					
Item No.	Item Title	Manhole Number			
		BO1	BO2	BO3	BO4
1	Silt Accumulation	OK	OK	OK	OK
2	Connection to 24" Pipe	OK	OK	OK	OK
3	Erosion Around Structure	OK	OK	OK	OK
4	Spalling, Cracking, etc.	OK	OK	OK	OK
5	Weep Holes	OK	OK	OK	OK
6	Guard Rails	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:4/27/2009 Initials: JM

000056

FORM SMS-2
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Stormwater Collection Manholes (SP Series)												
Item No.	Item Title	Manhole Number										
		SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8	SP9	SP10	SP11
1	Trashracks	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Pipe Connections to Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Flow From 8" HDPE Inlets	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Debris/Silt Blockage in 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Settlement Along 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Settlement Around Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Baffles Inside Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Pond Collection Manholes (CP Series)						
Item No.	Item Title	Manhole Number				
		CP1	CP2	CP3	CP4	CP5
1	Grates	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK
3	Flow Through Manhole	OK	OK	OK	OK	OK
4	Settlement Above 30" Pipe	OK	OK	OK	OK	OK

Baffled Outlets (BO Series)					
Item No.	Item Title	Manhole Number			
		BO1	BO2	BO3	BO4
1	Silt Accumulation	OK	OK	OK	OK
2	Connection to 24" Pipe	OK	OK	OK	OK
3	Erosion Around Structure	OK	OK	OK	OK
4	Spalling, Cracking, etc.	OK	OK	OK	OK
5	Weep Holes	OK	OK	OK	OK
6	Guard Rails	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:5/6/2009 Initials: JM

FORM SMS-2
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Stormwater Collection Manholes (SP Series)												
Item No.	Item Title	Manhole Number										
		SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8	SP9	SP10	SP11
1	Trashracks	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Pipe Connections to Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Flow From 8" HDPE Inlets	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Debris/Silt Blockage in 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Settlement Along 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Settlement Around Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Baffles Inside Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Pond Collection Manholes (CP Series)						
Item No.	Item Title	Manhole Number				
		CP1	CP2	CP3	CP4	CP5
1	Grates	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK
3	Flow Through Manhole	OK	OK	OK	OK	OK
4	Settlement Above 30" Pipe	OK	OK	OK	OK	OK

Baffled Outlets (BO Series)					
Item No.	Item Title	Manhole Number			
		BO1	BO2	BO3	BO4
1	Silt Accumulation	OK	OK	OK	OK
2	Connection to 24" Pipe	OK	OK	OK	OK
3	Erosion Around Structure	OK	OK	OK	OK
4	Spalling, Cracking, etc.	OK	OK	OK	OK
5	Weep Holes	OK	OK	OK	OK
6	Guard Rails	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:6/22/2009 Initials: JM

FORM SMS-2
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Stormwater Collection Manholes (SP Series)												
Item No.	Item Title	Manhole Number										
		SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8	SP9	SP10	SP11
1	Trashracks	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Pipe Connections to Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Flow From 8" HDPE Inlets	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Debris/Silt Blockage in 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Settlement Along 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Settlement Around Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Baffles Inside Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Pond Collection Manholes (CP Series)						
Item No.	Item Title	Manhole Number				
		CP1	CP2	CP3	CP4	CP5
1	Grates	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK
3	Flow Through Manhole	OK	OK	OK	OK	OK
4	Settlement Above 30" Pipe	OK	OK	OK	OK	OK

Baffled Outlets (BO Series)					
Item No.	Item Title	Manhole Number			
		BO1	BO2	BO3	BO4
1	Silt Accumulation	OK	OK	OK	OK
2	Connection to 24" Pipe	OK	OK	OK	OK
3	Erosion Around Structure	OK	OK	OK	OK
4	Spalling, Cracking, etc.	OK	OK	OK	OK
5	Weep Holes	OK	OK	OK	OK
6	Guard Rails	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:7/20/2009 Initials: JM

FORM SMS-2
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Stormwater Collection Manholes (SP Series)												
Item No.	Item Title	Manhole Number										
		SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8	SP9	SP10	SP11
1	Trashracks	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Pipe Connections to Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Flow From 8" HDPE Inlets	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Debris/Silt Blockage in 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Settlement Along 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Settlement Around Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Baffles Inside Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Pond Collection Manholes (CP Series)						
Item No.	Item Title	Manhole Number				
		CP1	CP2	CP3	CP4	CP5
1	Grates	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK
3	Flow Through Manhole	OK	OK	OK	OK	OK
4	Settlement Above 30" Pipe	OK	OK	OK	OK	OK

Baffled Outlets (BO Series)					
Item No.	Item Title	Manhole Number			
		BO1	BO2	BO3	BO4
1	Silt Accumulation	OK	OK	OK	OK
2	Connection to 24" Pipe	OK	OK	OK	OK
3	Erosion Around Structure	OK	OK	OK	OK
4	Spalling, Cracking, etc.	OK	OK	OK	OK
5	Weep Holes	OK	OK	OK	OK
6	Guard Rails	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:8/5/2009 Initials: JM

FORM SMS-2
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figures 2-2 and 2-3

Stormwater Collection Manholes (SP Series)												
Item No.	Item Title	Manhole Number										
		SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8	SP9	SP10	SP11
1	Trashracks	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Pipe Connections to Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Flow From 8" HDPE Inlets	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Debris/Silt Blockage in 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Settlement Along 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Settlement Around Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Baffles Inside Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Pond Collection Manholes (CP Series)						
Item No.	Item Title	Manhole Number				
		CP1	CP2	CP3	CP4	CP5
1	Grates	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK
3	Flow Through Manhole	OK	OK	OK	OK	OK
4	Settlement Above 30" Pipe	OK	OK	OK	OK	OK

Baffled Outlets (BO Series)					
Item No.	Item Title	Manhole Number			
		BO1	BO2	BO3	BO4
1	Silt Accumulation	OK	OK	OK	OK
2	Connection to 24" Pipe	OK	OK	OK	OK
3	Erosion Around Structure	OK	OK	OK	OK
4	Spalling, Cracking, etc.	OK	OK	OK	OK
5	Weep Holes	OK	OK	OK	OK
6	Guard Rails	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:9/14/2009 Inspected by: John Matthews

Signature:

FORM SMS-2
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Stormwater Collection Manholes (SP Series)												
Item No.	Item Title	Manhole Number										
		SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8	SP9	SP10	SP11
1	Trashracks	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Pipe Connections to Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Flow From 8" HDPE Inlets	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Debris/Silt Blockage in 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Settlement Along 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Settlement Around Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Baffles Inside Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Pond Collection Manholes (CP Series)						
Item No.	Item Title	Manhole Number				
		CP1	CP2	CP3	CP4	CP5
1	Grates	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK
3	Flow Through Manhole	OK	OK	OK	OK	OK
4	Settlement Above 30" Pipe	OK	OK	OK	OK	OK

Baffled Outlets (BO Series)					
Item No.	Item Title	Manhole Number			
		BO1	BO2	BO3	BO4
1	Silt Accumulation	OK	OK	OK	OK
2	Connection to 24" Pipe	OK	OK	OK	OK
3	Erosion Around Structure	OK	OK	OK	OK
4	Spalling, Cracking, etc.	OK	OK	OK	OK
5	Weep Holes	OK	OK	OK	OK
6	Guard Rails	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:10/19/2009 Initials: JM Signature:_____

FORM SMS-2
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Stormwater Collection Manholes (SP Series)												
Item No.	Item Title	Manhole Number										
		SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8	SP9	SP10	SP11
1	Trashracks	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Pipe Connections to Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Flow From 8" HDPE Inlets	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Debris/Silt Blockage in 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Settlement Along 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Settlement Around Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Baffles Inside Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Pond Collection Manholes (CP Series)						
Item No.	Item Title	Manhole Number				
		CP1	CP2	CP3	CP4	CP5
1	Grates	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK
3	Flow Through Manhole	OK	OK	OK	OK	OK
4	Settlement Above 30" Pipe	OK	OK	OK	OK	OK

Baffled Outlets (BO Series)					
Item No.	Item Title	Manhole Number			
		BO1	BO2	BO3	BO4
1	Silt Accumulation	OK	OK	OK	OK
2	Connection to 24" Pipe	OK	OK	OK	OK
3	Erosion Around Structure	OK	OK	OK	OK
4	Spalling, Cracking, etc.	OK	OK	OK	OK
5	Weep Holes	OK	OK	OK	OK
6	Guard Rails	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:11/9/2009 Initials: JM

FORM SMS-2
MONTHLY INSPECTION CHECKLIST
STORMWATER DRAINAGE DITCHES
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figures 2-2 and 2-3

Stormwater Collection Manholes (SP Series)												
Item No.	Item Title	Manhole Number										
		SP1	SP2	SP3	SP4	SP5	SP6	SP7	SP8	SP9	SP10	SP11
1	Trashracks	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	Pipe Connections to Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	Flow From 8" HDPE Inlets	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	Debris/Silt Blockage in 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	Settlement Along 24" Pipe	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	Settlement Around Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	Baffles Inside Manhole	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Pond Collection Manholes (CP Series)						
Item No.	Item Title	Manhole Number				
		CP1	CP2	CP3	CP4	CP5
1	Grates	OK	OK	OK	OK	OK
2	Silt Accumulation	OK	OK	OK	OK	OK
3	Flow Through Manhole	OK	OK	OK	OK	OK
4	Settlement Above 30" Pipe	OK	OK	OK	OK	OK

Baffled Outlets (BO Series)					
Item No.	Item Title	Manhole Number			
		BO1	BO2	BO3	BO4
1	Silt Accumulation	OK	OK	OK	OK
2	Connection to 24" Pipe	OK	OK	OK	OK
3	Erosion Around Structure	OK	OK	OK	OK
4	Spalling, Cracking, etc.	OK	OK	OK	OK
5	Weep Holes	OK	OK	OK	OK
6	Guard Rails	OK	OK	OK	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:12/2/2009 Initials: RH

FORM SMS-3
MONTHLY INSPECTION CHECKLIST
SEDIMENTATION PONDS
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figure 2-3)

Inspection Item		Check Box			Check Box
Sedimentation Pond A			**Sedimentation Pond C**		
Pond			**Pond**		
1	Minimum 2 ft. Freeboard	OK	1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK	2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK	3	Slope Erosion/Stability	OK
4	Debris	OK	4	Debris	OK
	Outlet Structure		5	Riprap	OK
1	Debris/Silt Blockage	OK		**Inlet Structure**	
2	Connections to Pipe	OK	1	Debris/Silt Blockage	OK
3	Erosion Around Structure	OK	2	Connections to Pipe	OK
4	Spalling, Cracking, etc.	OK	3	Erosion Around Structure	OK
			4	Spalling, Cracking, etc.	OK
	Sedimentation Pond B		5	Riprap	OK
	Pond			**RCP Inlet Section**	
1	Minimum 2 ft. Freeboard	OK	1	Debris/Silt Blockage	OK
2	Silt Accumulation	OK	2	Connections to Pipe	OK
3	Slope Erosion/Stability	OK	3	Erosion Around Structure	OK
4	Debris	OK	4	Spalling, Cracking, etc.	OK
	Inlet Structure		5	Weepholes	OK
1	Debris/Silt Blockage	OK	6	Trashrack	OK
2	Connections to Pipe	OK	7	RC Pipe	
3	Erosion Around Structure	OK		**RCP Outlet Section**	
4	Spalling, Cracking, etc.	OK	1	Debris/Silt Blockage	OK
	Outlet Structure		2	Connections to Pipe	OK
1	Debris/Silt Blockage	OK	3	Erosion Around Structure	OK
2	Connections to Pipe	OK	4	Spalling, Cracking, etc.	OK
3	Erosion Around Structure	OK	5	Trashrack	OK
4	Spalling, Cracking, etc.	OK	6	Flapgate	OK
			7	Spillway Riprap	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date: March 23 2009 Initials: RH

FORM SMS-3
MONTHLY INSPECTION CHECKLIST
SEDIMENTATION PONDS
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figure 2-3)

Inspection Item		Check Box			Check Box
Sedimentation Pond A			**Sedimentation Pond C**		
Pond			**Pond**		
1	Minimum 2 ft. Freeboard	OK	1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK	2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK	3	Slope Erosion/Stability	OK
4	Debris	OK	4	Debris	OK
	Outlet Structure		5	Riprap	OK
1	Debris/Silt Blockage	OK		**Inlet Structure**	
2	Connections to Pipe	OK	1	Debris/Silt Blockage	NS
3	Erosion Around Structure	OK	2	Connections to Pipe	OK
4	Spalling, Cracking, etc.	OK	3	Erosion Around Structure	OK
			4	Spalling, Cracking, etc.	OK
	Sedimentation Pond B		5	Riprap	OK
	Pond			**RCP Inlet Section**	
1	Minimum 2 ft. Freeboard	OK	1	Debris/Silt Blockage	NS
2	Silt Accumulation	OK	2	Connections to Pipe	OK
3	Slope Erosion/Stability	OK	3	Erosion Around Structure	OK
4	Debris	OK	4	Spalling, Cracking, etc.	OK
	Inlet Structure		5	Weepholes	OK
1	Debris/Silt Blockage	OK	6	Trashrack	OK
2	Connections to Pipe	OK	7	RC Pipe	
3	Erosion Around Structure	OK		**RCP Outlet Section**	
4	Spalling, Cracking, etc.	OK	1	Debris/Silt Blockage	OK
	Outlet Structure		2	Connections to Pipe	OK
1	Debris/Silt Blockage	OK	3	Erosion Around Structure	OK
2	Connections to Pipe	OK	4	Spalling, Cracking, etc.	OK
3	Erosion Around Structure	OK	5	Trashrack	OK
4	Spalling, Cracking, etc.	OK	6	Flapgate	OK
			7	Spillway Riprap	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:4/27/09 Initials: JM

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-3	Pond C inlet	Debris blockage	Removed Debris, Problem found and corrected on same day.
SMS-3	RCP inlet	Debris blockage	Removed Debris, Problem found and corrected on same day.

DATE:4/27/2009 INSPECTED BY: JM

FORM SMS-3
MONTHLY INSPECTION CHECKLIST
SEDIMENTATION PONDS
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figure 2-3)

	Inspection Item	Check Box
	Sedimentation Pond A	
	Pond	
1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK
4	Debris	OK
	Outlet Structure	
1	Debris/Silt Blockage	OK
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK
	Sedimentation Pond B	
	Pond	
1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK
4	Debris	OK
	Inlet Structure	
1	Debris/Silt Blockage	OK
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK
	Outlet Structure	
1	Debris/Silt Blockage	OK
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK

		Check Box
	Sedimentation Pond C	
	Pond	
1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK
4	Debris	OK
5	Riprap	OK
	Inlet Structure	
1	Debris/Silt Blockage	NS
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK
5	Riprap	OK
	RCP Inlet Section	
1	Debris/Silt Blockage	NS
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK
5	Weepholes	OK
6	Trashrack	OK
7	RC Pipe	
	RCP Outlet Section	
1	Debris/Silt Blockage	OK
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK
5	Trashrack	OK
6	Flapgate	OK
7	Spillway Riprap	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:5/22/09 Initials: JM

FORM SMS-3
MONTHLY INSPECTION CHECKLIST
SEDIMENTATION PONDS
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figure 2-3)

	Inspection Item	Check Box
	Sedimentation Pond A	
	Pond	
1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK
4	Debris	OK
	Outlet Structure	
1	Debris/Silt Blockage	OK
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK
	Sedimentation Pond B	
	Pond	
1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK
4	Debris	OK
	Inlet Structure	
1	Debris/Silt Blockage	OK
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK
	Outlet Structure	
1	Debris/Silt Blockage	OK
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK

		Check Box
	Sedimentation Pond C	
	Pond	
1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK
4	Debris	OK
5	Riprap	OK
	Inlet Structure	
1	Debris/Silt Blockage	OK
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK
5	Riprap	OK
	RCP Inlet Section	
1	Debris/Silt Blockage	OK
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK
5	Weepholes	OK
6	Trashrack	OK
7	RC Pipe	
	RCP Outlet Section	
1	Debris/Silt Blockage	OK
2	Connections to Pipe	OK
3	Erosion Around Structure	OK
4	Spalling, Cracking, etc.	OK
5	Trashrack	OK
6	Flapgate	OK
7	Spillway Riprap	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:6/22/09 Initials: JM

FORM SMS-3
MONTHLY INSPECTION CHECKLIST
SEDIMENTATION PONDS
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figure 2-3)

Inspection Item		Check Box			Check Box
Sedimentation Pond A			**Sedimentation Pond C**		
Pond			**Pond**		
1	Minimum 2 ft. Freeboard	OK	1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK	2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK	3	Slope Erosion/Stability	OK
4	Debris	OK	4	Debris	OK
	Outlet Structure		5	Riprap	OK
1	Debris/Silt Blockage	OK		**Inlet Structure**	
2	Connections to Pipe	OK	1	Debris/Silt Blockage	OK
3	Erosion Around Structure	OK	2	Connections to Pipe	OK
4	Spalling, Cracking, etc.	OK	3	Erosion Around Structure	OK
			4	Spalling, Cracking, etc.	OK
	Sedimentation Pond B		5	Riprap	OK
	Pond			**RCP Inlet Section**	
1	Minimum 2 ft. Freeboard	OK	1	Debris/Silt Blockage	OK
2	Silt Accumulation	OK	2	Connections to Pipe	OK
3	Slope Erosion/Stability	OK	3	Erosion Around Structure	OK
4	Debris	OK	4	Spalling, Cracking, etc.	OK
	Inlet Structure		5	Weepholes	OK
1	Debris/Silt Blockage	OK	6	Trashrack	OK
2	Connections to Pipe	OK	7	RC Pipe	
3	Erosion Around Structure	OK		**RCP Outlet Section**	
4	Spalling, Cracking, etc.	OK	1	Debris/Silt Blockage	OK
	Outlet Structure		2	Connections to Pipe	OK
1	Debris/Silt Blockage	OK	3	Erosion Around Structure	OK
2	Connections to Pipe	OK	4	Spalling, Cracking, etc.	OK
3	Erosion Around Structure	OK	5	Trashrack	OK
4	Spalling, Cracking, etc.	OK	6	Flapgate	OK
			7	Spillway Riprap	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:7/20/09 Initials: JM

FORM SMS-3
MONTHLY INSPECTION CHECKLIST
SEDIMENTATION PONDS
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figure 2-3)

	Inspection Item	Check Box			Check Box
Sedimentation Pond A			**Sedimentation Pond C**		
Pond			**Pond**		
1	Minimum 2 ft. Freeboard	OK	1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK	2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK	3	Slope Erosion/Stability	OK
4	Debris	OK	4	Debris	OK
	Outlet Structure		5	Riprap	OK
1	Debris/Silt Blockage	OK		**Inlet Structure**	
2	Connections to Pipe	OK	1	Debris/Silt Blockage	OK
3	Erosion Around Structure	OK	2	Connections to Pipe	OK
4	Spalling, Cracking, etc.	OK	3	Erosion Around Structure	OK
			4	Spalling, Cracking, etc.	OK
	Sedimentation Pond B		5	Riprap	OK
	Pond			**RCP Inlet Section**	
1	Minimum 2 ft. Freeboard	OK	1	Debris/Silt Blockage	NS
2	Silt Accumulation	OK	2	Connections to Pipe	OK
3	Slope Erosion/Stability	OK	3	Erosion Around Structure	OK
4	Debris	OK	4	Spalling, Cracking, etc.	OK
	Inlet Structure		5	Weepholes	OK
1	Debris/Silt Blockage	OK	6	Trashrack	OK
2	Connections to Pipe	OK	7	RC Pipe	
3	Erosion Around Structure	OK		**RCP Outlet Section**	
4	Spalling, Cracking, etc.	OK	1	Debris/Silt Blockage	OK
	Outlet Structure		2	Connections to Pipe	OK
1	Debris/Silt Blockage	OK	3	Erosion Around Structure	OK
2	Connections to Pipe	OK	4	Spalling, Cracking, etc.	OK
3	Erosion Around Structure	OK	5	Trashrack	OK
4	Spalling, Cracking, etc.	OK	6	Flapgate	OK
			7	Spillway Riprap	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:8/5/09 Initials: JM

FORM DP-1
DESCRIPTION OF DEFICIENCEIES AND PROBLEMS
PELHAM BAY LANDFILL, BRONX, NY

FORM NO.	LOCATION	DESCRIPTION OF PROBLEM	CORRECTIVE ACTION
SMS-3	RCP inlet	Debris blockage	Blockage cleared August 5 by STES personnel

DATE: 8/5/2009 INSPECTED BY: JM

FORM SMS-3
MONTHLY INSPECTION CHECKLIST
SEDIMENTATION PONDS
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figure 2-3)

Inspection Item		Check Box			Check Box
Sedimentation Pond A			**Sedimentation Pond C**		
Pond			**Pond**		
1	Minimum 2 ft. Freeboard	OK	1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK	2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK	3	Slope Erosion/Stability	OK
4	Debris	OK	4	Debris	OK
	Outlet Structure		5	Riprap	OK
1	Debris/Silt Blockage	OK		**Inlet Structure**	
2	Connections to Pipe	OK	1	Debris/Silt Blockage	OK
3	Erosion Around Structure	OK	2	Connections to Pipe	OK
4	Spalling, Cracking, etc.	OK	3	Erosion Around Structure	OK
			4	Spalling, Cracking, etc.	OK
	Sedimentation Pond B		5	Riprap	OK
	Pond			**RCP Inlet Section**	
1	Minimum 2 ft. Freeboard	OK	1	Debris/Silt Blockage	OK
2	Silt Accumulation	OK	2	Connections to Pipe	OK
3	Slope Erosion/Stability	OK	3	Erosion Around Structure	OK
4	Debris	OK	4	Spalling, Cracking, etc.	OK
	Inlet Structure		5	Weepholes	OK
1	Debris/Silt Blockage	OK	6	Trashrack	OK
2	Connections to Pipe	OK	7	RC Pipe	
3	Erosion Around Structure	OK		**RCP Outlet Section**	
4	Spalling, Cracking, etc.	OK	1	Debris/Silt Blockage	OK
	Outlet Structure		2	Connections to Pipe	OK
1	Debris/Silt Blockage	OK	3	Erosion Around Structure	OK
2	Connections to Pipe	OK	4	Spalling, Cracking, etc.	OK
3	Erosion Around Structure	OK	5	Trashrack	OK
4	Spalling, Cracking, etc.	OK	6	Flapgate	OK
			7	Spillway Riprap	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:9/15/09 Inspector: John Matthews

Signature :

FORM SMS-3
MONTHLY INSPECTION CHECKLIST
SEDIMENTATION PONDS
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK

(Reference Volume I, Figure 2-3)

Inspection Item		Check Box			Check Box
Sedimentation Pond A			**Sedimentation Pond C**		
Pond			**Pond**		
1	Minimum 2 ft. Freeboard	OK	1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK	2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK	3	Slope Erosion/Stability	OK
4	Debris	OK	4	Debris	OK
	Outlet Structure		5	Riprap	OK
1	Debris/Silt Blockage	OK		**Inlet Structure**	
2	Connections to Pipe	OK	1	Debris/Silt Blockage	OK
3	Erosion Around Structure	OK	2	Connections to Pipe	OK
4	Spalling, Cracking, etc.	OK	3	Erosion Around Structure	OK
			4	Spalling, Cracking, etc.	OK
	Sedimentation Pond B		5	Riprap	OK
	Pond			**RCP Inlet Section**	
1	Minimum 2 ft. Freeboard	OK	1	Debris/Silt Blockage	OK
2	Silt Accumulation	OK	2	Connections to Pipe	OK
3	Slope Erosion/Stability	OK	3	Erosion Around Structure	OK
4	Debris	OK	4	Spalling, Cracking, etc.	OK
	Inlet Structure		5	Weepholes	OK
1	Debris/Silt Blockage	OK	6	Trashrack	OK
2	Connections to Pipe	OK	7	RC Pipe	
3	Erosion Around Structure	OK		**RCP Outlet Section**	
4	Spalling, Cracking, etc.	OK	1	Debris/Silt Blockage	OK
	Outlet Structure		2	Connections to Pipe	OK
1	Debris/Silt Blockage	OK	3	Erosion Around Structure	OK
2	Connections to Pipe	OK	4	Spalling, Cracking, etc.	OK
3	Erosion Around Structure	OK	5	Trashrack	OK
4	Spalling, Cracking, etc.	OK	6	Flapgate	OK
			7	Spillway Riprap	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:10/26/09 Initials: JM Signature:_____

FORM SMS-3
MONTHLY INSPECTION CHECKLIST
SEDIMENTATION PONDS
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figure 2-3)

Inspection Item		Check Box			Check Box
Sedimentation Pond A			**Sedimentation Pond C**		
Pond			**Pond**		
1	Minimum 2 ft. Freeboard	OK	1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK	2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK	3	Slope Erosion/Stability	OK
4	Debris	OK	4	Debris	OK
	Outlet Structure		5	Riprap	OK
1	Debris/Silt Blockage	OK		**Inlet Structure**	
2	Connections to Pipe	OK	1	Debris/Silt Blockage	OK
3	Erosion Around Structure	OK	2	Connections to Pipe	OK
4	Spalling, Cracking, etc.	OK	3	Erosion Around Structure	OK
			4	Spalling, Cracking, etc.	OK
	Sedimentation Pond B		5	Riprap	OK
	Pond			**RCP Inlet Section**	
1	Minimum 2 ft. Freeboard	OK	1	Debris/Silt Blockage	OK
2	Silt Accumulation	OK	2	Connections to Pipe	OK
3	Slope Erosion/Stability	OK	3	Erosion Around Structure	OK
4	Debris	OK	4	Spalling, Cracking, etc.	OK
	Inlet Structure		5	Weepholes	OK
1	Debris/Silt Blockage	OK	6	Trashrack	OK
2	Connections to Pipe	OK	7	RC Pipe	
3	Erosion Around Structure	OK		**RCP Outlet Section**	
4	Spalling, Cracking, etc.	OK	1	Debris/Silt Blockage	OK
	Outlet Structure		2	Connections to Pipe	OK
1	Debris/Silt Blockage	OK	3	Erosion Around Structure	OK
2	Connections to Pipe	OK	4	Spalling, Cracking, etc.	OK
3	Erosion Around Structure	OK	5	Trashrack	OK
4	Spalling, Cracking, etc.	OK	6	Flapgate	OK
			7	Spillway Riprap	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:11/10/09 Initials: JM

FORM SMS-3
MONTHLY INSPECTION CHECKLIST
SEDIMENTATION PONDS
STORMWATER MANAGEMENT SYSTEM
PELHAM BAY LANDFILL, BRONX, NEW YORK
(Reference Volume I, Figure 2-3)

Inspection Item		Check Box			Check Box
Sedimentation Pond A			**Sedimentation Pond C**		
Pond			**Pond**		
1	Minimum 2 ft. Freeboard	OK	1	Minimum 2 ft. Freeboard	OK
2	Silt Accumulation	OK	2	Silt Accumulation	OK
3	Slope Erosion/Stability	OK	3	Slope Erosion/Stability	OK
4	Debris	OK	4	Debris	OK
	Outlet Structure		5	Riprap	OK
1	Debris/Silt Blockage	OK		**Inlet Structure**	
2	Connections to Pipe	OK	1	Debris/Silt Blockage	OK
3	Erosion Around Structure	OK	2	Connections to Pipe	OK
4	Spalling, Cracking, etc.	OK	3	Erosion Around Structure	OK
			4	Spalling, Cracking, etc.	OK
	Sedimentation Pond B		5	Riprap	OK
	Pond			**RCP Inlet Section**	
1	Minimum 2 ft. Freeboard	OK	1	Debris/Silt Blockage	OK
2	Silt Accumulation	OK	2	Connections to Pipe	OK
3	Slope Erosion/Stability	OK	3	Erosion Around Structure	OK
4	Debris	OK	4	Spalling, Cracking, etc.	OK
	Inlet Structure		5	Weepholes	OK
1	Debris/Silt Blockage	OK	6	Trashrack	OK
2	Connections to Pipe	OK	7	RC Pipe	
3	Erosion Around Structure	OK		**RCP Outlet Section**	
4	Spalling, Cracking, etc.	OK	1	Debris/Silt Blockage	OK
	Outlet Structure		2	Connections to Pipe	OK
1	Debris/Silt Blockage	OK	3	Erosion Around Structure	OK
2	Connections to Pipe	OK	4	Spalling, Cracking, etc.	OK
3	Erosion Around Structure	OK	5	Trashrack	OK
4	Spalling, Cracking, etc.	OK	6	Flapgate	OK
			7	Spillway Riprap	OK

Notes:
1. Use a check in the checkbox to indicate that the specific item number in the zone has been inspected and no problems were noted.
2. Use "NS" (Not Satisfactory) where problems are noted.
3. For boxes checked NS, on Form DP-1, a description of deficiency/problem. Attach additional sheets if necessary

Date:12/2/09 Initials: RH

Appendix H

Stormwater Sampling Laboratory Report and Deliverable

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291489.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1100

MATRIX:Water SAMPLE: SW 1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		042009	1	EPA8260
Bromomethane	ug/L	< 1		042009	1	EPA8260
Vinyl Chloride	ug/L	< 1		042009	1	EPA8260
Chloroethane	ug/L	< 1		042009	1	EPA8260
Methylene Chloride	ug/L	< 1		042009	1	EPA8260
Acetone	ug/L	< 10		042009	10	EPA8260
Carbon disulfide	ug/L	< 1		042009	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
Chloroform	ug/L	< 1		042009	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
2-Butanone	ug/L	< 10		042009	10	EPA8260
1,1,1 Trichloroethane	ug/L	< 1		042009	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
Bromodichloromethane	ug/L	< 1		042009	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
cis-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Trichloroethene	ug/L	< 1		042009	1	EPA8260
Chlorodibromomethane	ug/L	< 1		042009	1	EPA8260
1,1,2 Trichloroethane	ug/L	< 1		042009	1	EPA8260
Benzene	ug/L	< 1		042009	1	EPA8260
trans-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
Bromoform	ug/L	< 1		042009	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8094 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE:
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TIME COL'D:1100

MATRIX:Water SAMPLE: SW 1

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
-Hexanone	ug/L	< 10		042009	10	EPA8260
etrachloroethene	ug/L	< 1		042009	1	EPA8260
oluene	ug/L	< 1		042009	1	EPA8260
122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
hlorobenzene	ug/L	< 1		042009	1	EPA8260
thyl Benzene	ug/L	< 1		042009	1	EPA8260
tyrene	ug/L	< 1		042009	1	EPA8260
Xylene	ug/L	< 1		042009	1	EPA8260
+ p Xylene	ug/L	< 2		042009	2	EPA8260
ylene	ug/L	< 3		042009	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8095 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1100

MATRIX:Water SAMPLE: SW 1

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
is(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
,3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
,4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
arbazole	ug/L	< 1		042209	1	EPA8270
,2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
is(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
-Nitrosodi-n-propylamine	ug/L	< 1		042209	1	EPA8270
exachloroethane	ug/L	< 1		042209	1	EPA8270
itrobenzene	ug/L	< 1		042209	1	EPA8270
sophorone	ug/L	< 1		042209	1	EPA8270
is(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
24-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
aphthalene(sv)	ug/L	< 1		042209	1	EPA8270
-Chloroaniline	ug/L	< 1		042209	1	EPA8270
exachlorobutadiene	ug/L	< 1		042209	1	EPA8270
-Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
exachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
-Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
-Nitroaniline	ug/L	< 1		042209	1	EPA8270
imethyl Phthalate	ug/L	< 1		042209	1	EPA8270
cenaphthylene	ug/L	< 1		042209	1	EPA8270
,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
-Nitroaniline	ug/L	< 1		042209	1	EPA8270
cenaphthene	ug/L	< 1		042209	1	EPA8270
ibenzofuran	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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Glen Cove, NY 11542

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SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1100
MATRIX:Water SAMPLE: SW 1

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
,4-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
iethyl Phthalate	ug/L	< 1		042209	1	EPA8270
-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
luorene	ug/L	< 1		042209	1	EPA8270
-Nitroaniline	ug/L	< 1		042209	1	EPA8270
-Nitrosodiphenylamine	ug/L	< 1		042209	1	EPA8270
-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
exachlorobenzene	ug/L	< 1		042209	1	EPA8270
henanthrene	ug/L	< 1		042209	1	EPA8270
nthracene	ug/L	< 1		042209	1	EPA8270
i-n-Butyl Phthalate	ug/L	< 1		042209	1	EPA8270
luoranthene	ug/L	< 1		042209	1	EPA8270
yrene	ug/L	< 1		042209	1	EPA8270
enzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
,3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
enzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @No recovery in ms/msd.

DIRECTOR

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1100
MATRIX:Water SAMPLE: SW 1

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
hrysene	ug/L	< 1		042209	1	EPA8270
is(2-ethylhexyl)phthalate	ug/L	5.6	#	042209	1	EPA8270
i-n-octyl Phthalate	ug/L	< 1		042209	1	EPA8270
enzo(b)fluoranthene	ug/L	< 1		042209	1	EPA8270
enzo(k)fluoranthene	ug/L	< 1		042209	1	EPA8270
enzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
ndeno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
ibenzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
enzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 0.32 ug/L in method blank.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1100

MATRIX:Water SAMPLE: SW 1

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
henol	ug/L	< 1		042209	1	EPA8270
-Chlorophenol	ug/L	< 1		042209	1	EPA8270
-Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
-Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
-Nitrophenol	ug/L	< 1		042209	1	EPA8270
,4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
,4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
-Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
,4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
,4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
,4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
-Nitrophenol	ug/L	< 10		042209	10	EPA8270
-Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
entachlorophenol (ms)	ug/L	< 10		042209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8099 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

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100 Morris Avenue
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ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1100

MATRIX:Water SAMPLE: SW 1

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
indane	ug/L	< 0.05		042309	0.05	EPA608
eptachlor	ug/L	< 0.05		042309	0.05	EPA608
ldrin	ug/L	< 0.05		042309	0.05	EPA608
eptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
,p-DDE	ug/L	< 0.05		042309	0.05	EPA608
ieldrin	ug/L	< 0.05		042309	0.05	EPA608
ndrin	ug/L	< 0.05		042309	0.05	EPA608
,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
,p-DDT	ug/L	< 0.1		042309	0.1	EPA608
hlordane	ug/L	< 0.2		042309	0.2	EPA608
oxaphene	ug/L	< 1		042309	1	EPA608
ndrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
ndosulfan 1	ug/L	< 0.1		042309	0.1	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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SOURCE OF SAMPLE:
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TIME COL'D:1100

MATRIX:Water SAMPLE: SW 1

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
ndosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
ndosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
ethoxychlor	ug/L	< 0.1		042309	0.1	EPA608
ndrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
roclor 1016	ug/L	< 0.065		042409	0.065	EPA608
roclor 1221	ug/L	< 0.065		042409	0.065	EPA608
roclor 1232	ug/L	< 0.065		042409	0.065	EPA608
roclor 1242	ug/L	< 0.065		042409	0.065	EPA608
roclor 1248	ug/L	< 0.065		042409	0.065	EPA608
roclor 1254	ug/L	< 0.065		042409	0.065	EPA608
roclor 1260	ug/L	< 0.065		042409	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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SOURCE OF SAMPLE:
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TIME COL'D:1100

MATRIX:Water SAMPLE: SW 1

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
luminum as Al	mg/L	0.03		042109	0.01	EPA200.7
ntimony as Sb	mg/L	< 0.005		042109	0.005	EPA200.7
rsenic as As	mg/L	0.009		042109	0.005	EPA200.7
arium as Ba	mg/L	0.046		042109	0.005	EPA200.7
eryllium as Be	mg/L	< 0.001		042109	0.001	EPA200.7
admium as Cd	mg/L	< 0.005		042109	0.005	EPA200.7
alcium as Ca	mg/L	130		042109	0.2	EPA200.7
hromium as Cr	mg/L	< 0.005		042109	0.005	EPA200.7
obalt as Co	mg/L	< 0.005		042109	0.005	EPA200.7
opper as Cu	mg/L	< 0.01		042109	0.01	EPA200.7
ron as Fe	mg/L	0.21		042109	0.01	EPA200.7
ead as Pb	mg/L	< 0.005		042109	0.005	EPA200.7
agnesium as Mg	mg/L	16		042109	0.005	EPA200.7
anganese as Mn	mg/L	0.08		042109	0.01	EPA200.7
ercury as Hg	mg/L	< 0.00025		042109	0.000	EPA245.2
ickel as Ni	mg/L	< 0.01		042109	0.01	EPA200.7
otassium as K	mg/L	10		042109	1	EPA200.7
elenium as Se	mg/L	< 0.002		042309	0.002	EPA200.9
ilver as Ag	mg/L	< 0.005		042109	0.005	EPA200.7
odium as Na	mg/L	12		042109	1	EPA200.7
hallium as Tl	mg/L	< 0.005		042109	0.005	EPA200.7
anadium as V	mg/L	< 0.005		042109	0.005	EPA200.7
inc as Zn	mg/L	0.03		042109	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8102 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291489.01 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1100

MATRIX:Water SAMPLE: SW 1

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
yanide as CN	mg/L	< 0.02		042109	0.02	EPA335.4
mmonia as N	mg/L	< 0.05		042109	0.05	SM4500NH3D
hloride as Cl	mg/L	13		042109	2	SM204500C1
itrate as N	mg/L	< 0.5		042109	0.5	EPA353.2
ulfate as SO4	mg/L	85		042309	25	ASTMD51602
ot Dissolved Solids	mg/L	530		042209	10	SM2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR_____

rn = 8103 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291489.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1115

MATRIX:Water SAMPLE: SW 2

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
hloromethane	ug/L	< 1		042009	1	EPA8260
romomethane	ug/L	< 1		042009	1	EPA8260
inyl Chloride	ug/L	< 1		042009	1	EPA8260
hloroethane	ug/L	< 1		042009	1	EPA8260
ethylene Chloride	ug/L	< 1		042009	1	EPA8260
cetone	ug/L	< 10		042009	10	EPA8260
arbon disulfide	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethene	ug/L	< 1		042009	1	EPA8260
,1 Dichloroethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethene	ug/L	< 2		042009	2	EPA8260
hloroform	ug/L	< 1		042009	1	EPA8260
,2 Dichloroethane	ug/L	< 1		042009	1	EPA8260
-Butanone	ug/L	< 10		042009	10	EPA8260
11 Trichloroethane	ug/L	< 1		042009	1	EPA8260
arbon Tetrachloride	ug/L	< 1		042009	1	EPA8260
romodichloromethane	ug/L	< 1		042009	1	EPA8260
,2 Dichloropropane	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
richloroethene	ug/L	< 1		042009	1	EPA8260
hlorodibromomethane	ug/L	< 1		042009	1	EPA8260
12 Trichloroethane	ug/L	< 1		042009	1	EPA8260
enzene	ug/L	< 1		042009	1	EPA8260
-1,3Dichloropropene	ug/L	< 1		042009	1	EPA8260
romoform	ug/L	< 1		042009	1	EPA8260
-Methyl-2-Pentanone	ug/L	< 10		042009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8104 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291489.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1115

MATRIX:Water SAMPLE: SW 2

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
-Hexanone	ug/L	< 10		042009	10	EPA8260
'etrachloroethene	ug/L	< 1		042009	1	EPA8260
'oluene	ug/L	< 1		042009	1	EPA8260
122Tetrachloroethane	ug/L	< 1		042009	1	EPA8260
hlorobenzene	ug/L	< 1		042009	1	EPA8260
thyl Benzene	ug/L	< 1		042009	1	EPA8260
tyrene	ug/L	< 1		042009	1	EPA8260
Xylene	ug/L	< 1		042009	1	EPA8260
+ p Xylene	ug/L	< 2		042009	2	EPA8260
ylene	ug/L	< 3		042009	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8105 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291489.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542
ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1115

MATRIX:Water SAMPLE: SW 2

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
is(2-chloroethyl)ether	ug/L	< 1		042209	1	EPA8270
,3 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
,4 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
arbazole	ug/L	< 1		042209	1	EPA8270
,2 Dichlorobenzene(sv)	ug/L	< 1		042209	1	EPA8270
is(2-chloroisopropyl)ether	ug/L	< 1		042209	1	EPA8270
-Nitrosodi-n-propylamine	ug/L	< 1		042209	1	EPA8270
exachloroethane	ug/L	< 1		042209	1	EPA8270
itrobenzene	ug/L	< 1		042209	1	EPA8270
sophorone	ug/L	< 1		042209	1	EPA8270
is(2-chloroethoxy)methane	ug/L	< 1		042209	1	EPA8270
24-Trichlorobenzene (sv)	ug/L	< 1		042209	1	EPA8270
aphthalene(sv)	ug/L	< 1		042209	1	EPA8270
-Chloroaniline	ug/L	< 1		042209	1	EPA8270
exachlorobutadiene	ug/L	< 1		042209	1	EPA8270
-Methylnaphthalene	ug/L	< 1		042209	1	EPA8270
exachlorocyclopentadiene	ug/L	< 10		042209	10	EPA8270
-Chloronaphthalene	ug/L	< 1		042209	1	EPA8270
-Nitroaniline	ug/L	< 1		042209	1	EPA8270
imethyl Phthalate	ug/L	< 1		042209	1	EPA8270
cenaphthylene	ug/L	< 1		042209	1	EPA8270
,6-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
-Nitroaniline	ug/L	< 1		042209	1	EPA8270
cenaphthene	ug/L	< 1		042209	1	EPA8270
ibenzofuran	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.291489.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1115

MATRIX:Water SAMPLE: SW 2

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
,4-Dinitrotoluene	ug/L	< 1		042209	1	EPA8270
iethyl Phthalate	ug/L	< 1		042209	1	EPA8270
-Chlorophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
luorene	ug/L	< 1		042209	1	EPA8270
-Nitroaniline	ug/L	< 1		042209	1	EPA8270
-Nitrosodiphenylamine	ug/L	< 1		042209	1	EPA8270
-Bromophenyl phenyl ether	ug/L	< 1		042209	1	EPA8270
exachlorobenzene	ug/L	< 1		042209	1	EPA8270
henanthrene	ug/L	< 1		042209	1	EPA8270
nthracene	ug/L	< 1		042209	1	EPA8270
i-n-Butyl Phthalate	ug/L	< 1		042209	1	EPA8270
luoranthene	ug/L	< 1		042209	1	EPA8270
yrene	ug/L	< 1		042209	1	EPA8270
enzylButylPhthalate	ug/L	< 1		042209	1	EPA8270
,3'-Dichlorobenzidine	ug/L	< 10	@	042209	10	EPA8270
enzo(a)anthracene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: @No recovery in ms/msd.

DIRECTOR

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LAB NO.291489.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1115

MATRIX:Water SAMPLE: SW 2

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
hrysene	ug/L	< 1		042209	1	EPA8270
is(2-ethylhexyl)phthalate	ug/L	5.1	#	042209	1	EPA8270
i-n-octyl Phthalate	ug/L	< 1		042209	1	EPA8270
enzo(b)fluoranthene	ug/L	< 1		042209	1	EPA8270
enzo(k)fluoranthene	ug/L	< 1		042209	1	EPA8270
enzo(a)pyrene	ug/L	< 1		042209	1	EPA8270
ndeno(1,2,3-cd)pyrene	ug/L	< 1		042209	1	EPA8270
ibenzo(a,h)anthracene	ug/L	< 1		042209	1	EPA8270
enzo(ghi)perylene	ug/L	< 1		042209	1	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS: #Detected 0.32 ug/L in method blank.

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291489.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1115

MATRIX:Water SAMPLE: SW 2

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
henol	ug/L	< 1		042209	1	EPA8270
-Chlorophenol	ug/L	< 1		042209	1	EPA8270
-Methylphenol (o-cresol)	ug/L	< 1		042209	1	EPA8270
-Methylphenol (p-cresol)	ug/L	< 1		042209	1	EPA8270
-Nitrophenol	ug/L	< 1		042209	1	EPA8270
,4-Dimethylphenol	ug/L	< 1		042209	1	EPA8270
,4-Dichlorophenol	ug/L	< 1		042209	1	EPA8270
-Chloro-3-methylphenol	ug/L	< 1		042209	1	EPA8270
,4,6-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
,4,5-Trichlorophenol	ug/L	< 1		042209	1	EPA8270
,4-Dinitrophenol	ug/L	< 10		042209	10	EPA8270
-Nitrophenol	ug/L	< 10		042209	10	EPA8270
-Methyl-4,6-dinitrophenol	ug/L	< 10		042209	10	EPA8270
entachlorophenol (ms)	ug/L	< 10		042209	10	EPA8270

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291489.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1115

MATRIX:Water SAMPLE: SW 2

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
indane	ug/L	< 0.05		042309	0.05	EPA608
eptachlor	ug/L	< 0.05		042309	0.05	EPA608
ldrin	ug/L	< 0.05		042309	0.05	EPA608
eptachlor Epoxide	ug/L	< 0.05		042309	0.05	EPA608
,p-DDE	ug/L	< 0.05		042309	0.05	EPA608
ieldrin	ug/L	< 0.05		042309	0.05	EPA608
ndrin	ug/L	< 0.05		042309	0.05	EPA608
,p-DDD	ug/L	< 0.05		042309	0.05	EPA608
,p-DDT	ug/L	< 0.1		042309	0.1	EPA608
hlordane	ug/L	< 0.2		042309	0.2	EPA608
oxaphene	ug/L	< 1		042309	1	EPA608
ndrin Ketone	ug/L	< 0.1		042309	0.1	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
BHC	ug/L	< 0.05		042309	0.05	EPA608
ndosulfan 1	ug/L	< 0.1		042309	0.1	EPA608

cc:

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REMARKS:

DIRECTOR

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LAB NO.291489.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1115

MATRIX:Water SAMPLE: SW 2

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
ndosulfan 2	ug/L	< 0.1		042309	0.1	EPA608
ndosulfan Sulfate	ug/L	< 0.3		042309	0.3	EPA608
ethoxychlor	ug/L	< 0.1		042309	0.1	EPA608
ndrin Aldehyde	ug/L	< 0.3		042309	0.3	EPA608
roclor 1016	ug/L	< 0.065		042409	0.065	EPA608
roclor 1221	ug/L	< 0.065		042409	0.065	EPA608
roclor 1232	ug/L	< 0.065		042409	0.065	EPA608
roclor 1242	ug/L	< 0.065		042409	0.065	EPA608
roclor 1248	ug/L	< 0.065		042409	0.065	EPA608
roclor 1254	ug/L	< 0.065		042409	0.065	EPA608
roclor 1260	ug/L	< 0.065		042409	0.065	EPA608

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

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LAB NO.291489.02 05/04/09

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Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1115

MATRIX:Water SAMPLE: SW 2

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
luminum as Al	mg/L	< 0.01		042109	0.01	EPA200.7
ntimony as Sb	mg/L	< 0.005		042109	0.005	EPA200.7
rsenic as As	mg/L	0.005		042109	0.005	EPA200.7
arium as Ba	mg/L	0.075		042109	0.005	EPA200.7
eryllium as Be	mg/L	< 0.001		042109	0.001	EPA200.7
admium as Cd	mg/L	< 0.005		042109	0.005	EPA200.7
alcium as Ca	mg/L	130		042109	0.2	EPA200.7
hromium as Cr	mg/L	< 0.005		042109	0.005	EPA200.7
obalt as Co	mg/L	< 0.005		042109	0.005	EPA200.7
opper as Cu	mg/L	< 0.01		042109	0.01	EPA200.7
ron as Fe	mg/L	0.03		042109	0.01	EPA200.7
ead as Pb	mg/L	< 0.005		042109	0.005	EPA200.7
agnesium as Mg	mg/L	16		042109	0.005	EPA200.7
anganese as Mn	mg/L	0.03		042109	0.01	EPA200.7
ercury as Hg	mg/L	< 0.00025		042109	0.000	EPA245.2
ickel as Ni	mg/L	< 0.01		042109	0.01	EPA200.7
otassium as K	mg/L	12		042109	1	EPA200.7
elenium as Se	mg/L	< 0.002		042309	0.002	EPA200.9
ilver as Ag	mg/L	< 0.005		042109	0.005	EPA200.7
odium as Na	mg/L	14		042109	1	EPA200.7
hallium as Tl	mg/L	< 0.005		042109	0.005	EPA200.7
anadium as V	mg/L	< 0.005		042109	0.005	EPA200.7
inc as Zn	mg/L	0.04		042109	0.01	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8112 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.291489.02 05/04/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:04/17/09 RECEIVED:04/17/09
TIME COL'D:1115

MATRIX:Water SAMPLE: SW 2

NALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
yanide as CN	mg/L	< 0.02		042109	0.02	EPA335.4
mmonia as N	mg/L	< 0.05		042109	0.05	SM4500NH3D
hloride as Cl	mg/L	13		042209	2	SM204500C1
itrate as N	mg/L	0.5		042109	0.5	EPA353.2
ulfate as SO4	mg/L	60		042309	25	ASTMD51602
ot Dissolved Solids	mg/L	550		042209	10	SM2540C

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 8113 NYSDOH ID # 10320

Analytical results relate to the samples as received by the laboratory

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294399.00 11/03/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/19/09 RECEIVED:10/19/09
TIME COL'D:1200

MATRIX:Water SAMPLE: Storm Water 1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
Chloromethane	ug/L	< 1		102009	1	EPA8260
Bromomethane	ug/L	< 1		102009	1	EPA8260
Vinyl Chloride	ug/L	< 1		102009	1	EPA8260
Chloroethane	ug/L	< 1		102009	1	EPA8260
Methylene Chloride	ug/L	< 1		102009	1	EPA8260
Acetone	ug/L	< 10		102009	10	EPA8260
Carbon disulfide	ug/L	< 1		102009	1	EPA8260
1,1 Dichloroethene	ug/L	< 1		102009	1	EPA8260
1,1 Dichloroethane	ug/L	< 1		102009	1	EPA8260
1,2 Dichloroethene	ug/L	< 2		102009	2	EPA8260
Chloroform	ug/L	< 1		102009	1	EPA8260
1,2 Dichloroethane	ug/L	< 1		102009	1	EPA8260
2-Butanone	ug/L	< 10		102009	10	EPA8260
111 Trichloroethane	ug/L	< 1		102009	1	EPA8260
Carbon Tetrachloride	ug/L	< 1		102009	1	EPA8260
Bromodichloromethane	ug/L	< 1		102009	1	EPA8260
1,2 Dichloropropane	ug/L	< 1		102009	1	EPA8260
c-1,3Dichloropropene	ug/L	< 1		102009	1	EPA8260
Trichloroethene	ug/L	< 1		102009	1	EPA8260
Chlorodibromomethane	ug/L	< 1		102009	1	EPA8260
112 Trichloroethane	ug/L	< 1		102009	1	EPA8260
Benzene	ug/L	< 1		102009	1	EPA8260
t-1,3Dichloropropene	ug/L	< 1		102009	1	EPA8260
Bromoform	ug/L	< 1		102009	1	EPA8260
4-Methyl-2-Pentanone	ug/L	< 10		102009	10	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 25062 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.294399.00 11/03/09

ST, Environmental Services, Incorporated
100 Morris Avenue
Glen Cove, NY 11542

ATTN: Ross Hibler PO#:1317

SOURCE OF SAMPLE: Pelham Bay Landfill-Storm Water
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:10/19/09 RECEIVED:10/19/09
TIME COL'D:1200
MATRIX:Water SAMPLE: Storm Water 1

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE TIME OF ANALYSIS	LRL	ANALYTICAL METHOD
2-Hexanone	ug/L	< 10		102009	10	EPA8260
Tetrachloroethene	ug/L	< 1		102009	1	EPA8260
Toluene	ug/L	< 1		102009	1	EPA8260
1122Tetrachloroethane	ug/L	< 1		102009	1	EPA8260
Chlorobenzene	ug/L	< 1		102009	1	EPA8260
Ethyl Benzene	ug/L	< 1		102009	1	EPA8260
Styrene	ug/L	< 1		102009	1	EPA8260
o Xylene	ug/L	< 1		102009	1	EPA8260
m + p Xylene	ug/L	< 2		102009	2	EPA8260
Xylene	ug/L	< 3		102009	3	EPA8260

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR_____

rn = 25063 NYSDOH ID # 10320